



**PATENTS
JOURNAL**

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GENERAL INFORMATION

A: THE PATENTS JOURNAL (SINGAPORE)

1. This Journal dated **31 January 2024**, is published by the Registry of Patents in accordance with the direction of the Registrar under rule 114 of the Patent Rules (Cap. 221, R 1).
2. Copies of it may be purchased at the following address:

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B: THE UPDATES

1. Updates on General Information

The Registry wishes to inform that, starting with the patents journal issue 202106A and 202106B, the section on "Information On Wipo And Pct Matters" have been removed and made available via the following website link: <https://www.ipos.gov.sg/protect-ip/apply-for-a-patent/forms-fees>

Starting with the patents journal issue 201708A and 201708B, the sections on "Information On IP2SG Matters" and "Information On Patent Proceedings Before The Registry" have been removed and made available via the following website link: <https://www.ipos.gov.sg/resources/patent>

The public may access the relevant information under "Infopacks", "Circulars", "Practice Directions" and "Patents Formalities Manual" on the above IPOS website.

2. REMOVAL OF CIRCULARS FROM THE PATENTS JOURNAL

Starting 1 September 2016, the Registry has ceased our practice of publishing circulars in the patents journal. The Registry's circulars will continue to be available via email service and on our website at <https://www.ipos.gov.sg/protect-ip/apply-for-a-patent> > Circulars & Practice Directions

If you wish to receive our circulars via email, you may subscribe to our mailing list by emailing news@ipos.gov.sg to let us know so that we can keep you informed in future.

C: ENQUIRIES

1. For enquiries relating to official notices and other information appearing in the Journal, kindly contact the Office at the following telephone number: 6339-8616
2. The URL of the Intellectual Property Office of Singapore is <https://www.ipos.gov.sg>

'INID' NUMBERS IN USE ON SINGAPORE PATENT DOCUMENTS

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'

- (10) Document identification
 - (11) Number of the document
 - (12) Plain language designation of the kind of document
 - (19) WIPO country code, or other identification, of the country publishing the document.
- (20) Document filing data
 - (21) Number(s) assigned to the application(s)
 - (22) Date(s) of filing application(s)
 - (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
 - (24) Date from which industrial property rights may have effect.
- (30) Priority data
 - (31) Number(s) assigned to priority application(s).
 - (32) Date(s) of filing priority application(s).
 - (33) Country (countries) in which the priority application(s) was (were) filed.
- (40) Date(s) of making available to the public
 - (43) Date of publication by printing or similar process of unexamined document, on which no grant has taken place on or before the said date.
 - (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
 - (45) Date of publication by printing or similar process of a document, on which grant has taken place on or before the said date.
 - (47) Date of making a granted patent available to the public by viewing, or copying on request
- (50) Technical information
 - (51) International Patent Classification
 - (52) Domestic or national classification
 - (54) Title of invention
 - (56) List of prior art documents, if separate from descriptive text.
 - (57) Abstract or claim.
- (60) Reference(s) to other legally related domestic document(s)
 - (60) Related by cognate(s).
 - (61) Related by addition(s).
 - (62) Related by division(s).
- (70) Identification of parties concerned with the document

- (70) Name(s) of nominated person
- (71) Name(s) of applicant(s).
- (72) Name(s) of inventor(s) if known to be such.
- (74) Name(s) of attorney(s) or agent(s).
- (75) Name(s) of inventor(s) who is (are) also applicant(s)
- (80) Identification of data related to International Conventions other than the Paris Convention
 - (86) PCT Application Number.
 - (87) PCT Publication Number.

NOTE

- (1) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)², (51)³, (51)⁴ and (51)⁵.
 - (2) INID code 74 provides for the name of patent attorney, or firm of attorneys, prosecuting an application.
-

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

APPLICATIONS FOR PATENTS FILED

Name Index

The applications listed below were processed through the Registry of Patents.

This index sets out details of applications arranged in alphabetical order according to the name of the applicant(s). Each entry in the index under the name of the applicant provides the following information: the name(s) of the applicant(s); the application number allotted to the application; the filing date of the application; the title of the invention and priority details (if any).

These applications will be available to the public for inspection via the Patent Open Dossier or upon payment of a fee (if not available in the Patent Open Dossier) after the date of publication under section 27(1) of the Act. This date will be advertised in a subsequent issue of this journal.

(71) 10XBETA

(21) 11202310018T

(22) 06/07/2022

(54) SMART PILL DISPENSER PRESCRIPTION TREATMENT SYSTEM

(31) 63/218,704

(32) 06/07/2021

(33) US

(86) PCT/US2022/036173

(87) WO/2023/283214

(71) 123LASH PTE LIMITED

(21) 11202310057U

(22) 28/06/2022

(54) SECURING ASSEMBLY, BASE, AND LIFTING AID

(31) 2021901984

(32) 30/06/2021

(33) AU

(86) PCT/SG2022/050447

(87) WO/2023/277811

(71) 2D GENOMICS INC.

(21) 10202303548V

(22) 10/11/2017

(54) METHODS FOR PROCESSING NUCLEIC ACID SAMPLES

(31) 62/421,028

(32) 11/11/2016

(33) US

(31) 62/477,211

(32) 27/03/2017

(33) US

(71) 4BASEBIO, S.L.U.; 4BASEBIO UK LTD

(21) 11202309976P

(22) 29/07/2022

(54) LINEAR DNA WITH ENHANCED RESISTANCE AGAINST EXONUCLEASES AND METHODS FOR THE PRODUCTION THEREOF

(31) 21382725.6

(32) 30/07/2021

(33) EP

(86) PCT/EP2022/071413

(87) WO/2023/006978

(71) 4E THERAPEUTICS, INC.

(21) 11202309882X

(22) 30/06/2022

(54) SPIROCYCLIC PYRIDINE-1,5-DIONES EXHIBITING MNK INHIBITION AND THEIR METHOD OF USE

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(31) 63/217,264	(32) 30/06/2021	(33) US
(86) PCT/US2022/035703	(87) WO/2023/278686	
(71) 6K INC.		
(21) 11202309887W	(22) 21/07/2022	
(54) LITHIUM LANTHANUM ZIRCONIUM OXIDE (LLZO) MATERIALS		
(31) 63/203,810	(32) 30/07/2021	(33) US
(31) 63/273,833	(32) 29/10/2021	(33) US
(86) PCT/US2022/037867	(87) WO/2023/009380	
(71) ABB SCHWEIZ AG		
(21) 10202303451R	(22) 07/12/2023	
(54) METHOD AND SYSTEM FOR DETERMINING A REGION OF WATER CLEARANCE OF A WATER SURFACE		
(31) 22212496.8	(32) 09/12/2022	(33) EP
(71) ABB SCHWEIZ AG		
(21) 11202310002T	(22) 15/07/2022	
(54) ELECTROLYZER PLANT COMPRISING A PLURALITY OF ELECTROLYZER MODULES AND A SYSTEM FOR CONTROLLING OPERATION OF THE ELECTROLYZER PLANT		
(31) 21188851.6	(32) 30/07/2021	(33) EP
(86) PCT/EP2022/069947	(87) WO/2023/006460	
(71) ABIOMED, INC.		
(21) 10202303443U	(22) 08/12/2021	
(54) SYSTEMS AND METHODS FOR DETERMINING POSITIONING OF INTRACARDIAC DEVICES		
(31) 63/123,576	(32) 10/12/2020	(33) US
(71) ABIOMED, INC.		
(21) 11202309713Q	(22) 29/06/2022	
(54) HEART PUMP ASSEMBLY WITH A BLOOD INLET CONFIGURED TO INCREASE BLOOD FLOW		
(31) 63/217,575	(32) 01/07/2021	(33) US
(86) PCT/US2022/035515	(87) WO/2023/278570	
(71) ACADIA PHARMACEUTICALS INC.		
(21) 11202309476V	(22) 12/07/2022	
(54) CRYSTALLINE FORMS OF TROFINETIDE		
(31) 63/220,660	(32) 12/07/2021	(33) US
(86) PCT/US2022/036768	(87) WO/2023/287750	

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(71) ACCELERON PHARMA INC.

(21) 11202309969U

(22) 18/07/2022

(54) ACTRII PROTEINS AND USES THEREOF

(31) 63/223,265

(32) 19/07/2021

(33) US

(86) PCT/US2022/037479

(87) WO/2023/003815

(71) ACCELLTA LTD.

(21) 11202309363S

(22) 09/06/2022

(54) SERUM FREE MEDIA FOR SUSPENSION CULTURE OF MAMMALIAN LIVESTOCK PLURIPOTENT STEM CELLS

(31) 63/208,595

(32) 09/06/2021

(33) US

(86) PCT/IL2022/050617

(87) WO/2022/259254

(71) ACCREDIFY PTE. LTD.

(21) 10202303399Q

(22) 30/11/2023

(54) Secure sharing and management of verifiable, tamper-proof documents through the scanning of a Quick Response Code

(71) ACHILLES THERAPEUTICS UK LIMITED

(21) 11202309435X

(22) 21/06/2022

(54) A METHOD FOR PRODUCING ANTIGEN-SPECIFIC T CELLS

(31) 20210100409

(32) 22/06/2021

(33) GR

(86) PCT/GB2022/051581

(87) WO/2022/269250

(71) ACM RESEARCH (SHANGHAI) , INC.

(21) 11202309449R

(22) 28/04/2022

(54) ELECTROPLATING DEVICE AND ELECTROPLATING METHOD

(31) 202110654975.6

(32) 11/06/2021

(33) CN

(86) PCT/CN2022/089934

(87) WO/2022/257640

(71) ACM RESEARCH (SHANGHAI) , INC.

(21) 11202309453S

(22) 20/05/2022

(54) SUBSTRATE TREATMENT APPARATUS

(31) 202110653486.9

(32) 11/06/2021

(33) CN

(86) PCT/CN2022/094164

(87) WO/2022/257734

(71) ACM RESEARCH (SHANGHAI) , INC.

(21) 11202309591X

(22) 20/05/2022

(54) DEVIATION MEASUREMENT DEVICE

(31) 202110666730.5

(32) 16/06/2021

(33) CN

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(86) PCT/CN2022/094167 (87) WO/2022/262528

(71) ACT IDENTITY TECHNOLOGY LIMITED
(21) 11202309429Y (22) 07/07/2022
(54) CHIP MODULE AND METHOD OF FORMING SAME
(31) 63/222,560 (32) 16/07/2021 (33) US
(86) PCT/CN2022/104250 (87) WO/2023/284616

(71) ACURASTEM, INC.
(21) 11202309512T (22) 22/06/2022
(54) PIKFYVE ANTISENSE OLIGONUCLEOTIDES
(31) 63/202,717 (32) 22/06/2021 (33) US
(86) PCT/US2022/034539 (87) WO/2022/271836

(71) ADJUVANT HOLDINGS CO.,LTD.
(21) 11202309654X (22) 15/06/2022
(54) HAIR GROWTH AGENT
(31) 2021-102088 (32) 19/06/2021 (33) JP
(86) PCT/JP2022/024019 (87) WO/2022/265053

(71) ADJUVANT HOLDINGS CO.,LTD.
(21) 11202309656Q (22) 15/06/2022
(54) HAIR GROWTH AGENT
(31) 2021-102089 (32) 19/06/2021 (33) JP
(86) PCT/JP2022/024020 (87) WO/2022/265054

(71) ADJUVANT HOLDINGS CO.,LTD.
(21) 11202309663W (22) 15/06/2022
(54) HAIR GROWTH AGENT
(31) 2021-102087 (32) 19/06/2021 (33) JP
(86) PCT/JP2022/024018 (87) WO/2022/265052

(71) ADVANIDE HOLDINGS PTE. LTD.
(21) 10202303434T (22) 05/12/2023
(54) METHOD OF MANUFACTURING DUAL-CONTACT CHIPCARD MODULE TECHNICAL FIELD

(71) AEM SINGAPORE PTE. LTD.
(21) 10202303554R (22) 18/12/2023
(54) THREE PINS SOFT TOUCH PICKHEAD

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) AERIE PHARMACEUTICALS, INC.

(21) 11202309484S (22) 01/07/2022
(54) AZETIDINYL PYRIMIDINES AND USES THEREOF
(31) 63/217,607 (32) 01/07/2021 (33) US
(86) PCT/US2022/073385 (87) WO/2023/279105

(71) AEROCORE TECHNOLOGIES LLC

(21) 10202303511S (22) 02/10/2014
(54) CLEANING METHOD FOR JET ENGINE
(31) 61/885,777 (32) 02/10/2013 (33) US
(31) 61/900,749 (32) 06/11/2013 (33) US

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

(21) 10202303390S (22) 30/11/2023
(54) METHODS OF TREATING NEOVASCULAR EYE DISEASES

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

(21) 11202309736Y (22) 15/06/2022
(54) DEVICE AND METHOD FOR SYNCHRONIZED LIGHT AND SOUND EMISSION
(31) 10202106883X (32) 23/06/2021 (33) SG
(86) PCT/SG2022/050413 (87) WO/2022/271097

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

(21) 11202309989X (22) 27/06/2022
(54) A PAPER-BASED SENSOR
(31) 10202107044R (32) 28/06/2021 (33) SG
(86) PCT/SG2022/050439 (87) WO/2023/277807

(71) AIM IMMUNOTECH INC.

(21) 10202303423Y (22) 25/11/2019
(54) METHODS FOR IMPROVING EXERCISE TOLERANCE IN MYALGIC ENCEPHALOMYELITIS PATIENTS
(31) 62/778,935 (32) 13/12/2018 (33) US

(71) AIM IMMUNOTECH INC.

(21) 10202303582V (22) 20/12/2019
(54) COMPOSITIONS AND METHODS FOR CANCER THERAPY
(31) 62/783,834 (32) 21/12/2018 (33) US
(31) 62/792,760 (32) 15/01/2019 (33) US
(31) 62/792,765 (32) 15/01/2019 (33) US

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(31) 62/869,909	(32) 02/07/2019	(33) US
(31) 62/885,143	(32) 09/08/2019	(33) US
(71) AIR GARDEN SMARTS PTY LTD		
(21) 11202309659Y	(22) 15/06/2022	
(54) MODULAR PLANT GROWING SYSTEM		
(31) 2021204042	(32) 17/06/2021	(33) AU
(86) PCT/AU2022/050585	(87) WO/2022/261699	
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 10202303221V	(22) 15/11/2023	
(54) Process and apparatus for cracking ammonia		
(31) 17/990,815	(32) 21/11/2022	(33) US
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 11202309467U	(22) 18/06/2021	
(54) RECOVERY OF A RENEWABLE HYDROGEN PRODUCT FROM AN AMMONIA CRACKING PROCESS		
(86) PCT/US2021/037995	(87) WO/2022/265647	
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 11202309468X	(22) 18/06/2021	
(54) AMMONIA CRACKING FOR GREEN HYDROGEN WITH NOX REMOVAL		
(86) PCT/US2021/037996	(87) WO/2022/265648	
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 11202309470R	(22) 18/06/2021	
(54) AMMONIA CRACKING FOR GREEN HYDROGEN		
(86) PCT/US2021/037997	(87) WO/2022/265649	
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 11202309471U	(22) 18/06/2021	
(54) AMMONIA CRACKING PROCESS		
(86) PCT/US2021/038000	(87) WO/2022/265650	
(71) AIR PRODUCTS AND CHEMICALS, INC.		
(21) 11202309473Q	(22) 18/06/2021	
(54) AMMONIA CRACKING FOR GREEN HYDROGEN		
(86) PCT/US2021/038004	(87) WO/2022/265651	

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) AIRSPACE TECHNOLOGIES, INC.

(21) 11202309783R

(22) 21/06/2022

(54) PACKAGE TRACKING

(31) 17/352,600

(32) 21/06/2021

(33) US

(86) PCT/US2022/034387

(87) WO/2022/271733

(71) AKTSIONERNOE OBSHESTVO "ZENTORN"

(21) 11202309174R

(22) 18/08/2022

(54) MAGNUS-EFFECT AIRCRAFT AND OPERATING METHOD THEREOF

(31) 2021125150

(32) 25/08/2021

(33) RU

(86) PCT/RU2022/050254

(87) WO/2023/027612

(71) ALBERT EINSTEIN COLLEGE OF MEDICINE

(21) 11202309833R

(22) 01/07/2022

(54) COMPOSITIONS AND METHODS FOR INHIBITING THE EXPRESSION OF TMIGD2

(31) 63/217,630

(32) 01/07/2021

(33) US

(86) PCT/US2022/073387

(87) WO/2023/279107

(71) ALFA LAVAL CORPORATE AB

(21) 11202309772Q

(22) 14/06/2022

(54) METHOD AND SYSTEM FOR PROVIDING AN INSECT-BASED, LOW-FAT PROTEIN MEAL FROM AN INSECT-BASED RAW MATERIAL

(31) 21185270.2

(32) 13/07/2021

(33) EP

(86) PCT/EP2022/066153

(87) WO/2023/285057

(71) ALGOCARE CORPORATION

(21) 11202307777W

(22) 09/11/2022

(54) DISPENSING DEVICE AND SERVER PROVIDING A COMBINATION OF DOSAGE FORMS OPTIMIZED FOR CURRENT HEALTH CONDITION OF USER AND OPERATING METHOD THEREOF

(31) 10-2021-0155897

(32) 12/11/2021

(33) KR

(31) 10-2021-0175808

(32) 09/12/2021

(33) KR

(31) 10-2021-0182043

(32) 17/12/2021

(33) KR

(31) 10-2022-0013172

(32) 28/01/2022

(33) KR

(31) 10-2022-0118124

(32) 19/09/2022

(33) KR

(86) PCT/KR2022/017499

(87) WO/2023/085745

(71) ALIGOS THERAPEUTICS, INC.

(21) 11202309689V

(22) 15/06/2022

(54) METHODS AND COMPOSITIONS FOR TARGETING PD-L1

(31) 63/212,388

(32) 18/06/2021

(33) US

(31) 63/263,427

(32) 02/11/2021

(33) US

(31) 63/363,777

(32) 28/04/2022

(33) US

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

- (86) PCT/US2022/033653 (87) WO/2022/266236
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309035R (22) 22/06/2022
(54) CODE SCANNING PAYMENT METHOD AND APPARATUS
(31) 202110802820.2 (32) 15/07/2021 (33) CN
(86) PCT/CN2022/100502 (87) WO/2023/284505
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309307P (22) 19/05/2022
(54) GRAPH DATA GENERATION METHOD AND APPARATUS
(31) 202110702337.7 (32) 24/06/2021 (33) CN
(86) PCT/CN2022/093771 (87) WO/2022/267769
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309401X (22) 19/05/2022
(54) RISK PREVENTION AND CONTROL METHOD, APPARATUS AND DEVICE
(31) 202110631595.0 (32) 07/06/2021 (33) CN
(86) PCT/CN2022/093895 (87) WO/2022/257723
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309485V (22) 20/05/2022
(54) METHODS, APPARATUSES, AND SYSTEMS FOR MULTI-PARTY COLLABORATIVE MODEL
UPDATING FOR PRIVACY PROTECTION
(31) 202110657041.8 (32) 11/06/2021 (33) CN
(86) PCT/CN2022/094020 (87) WO/2022/257730
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309584X (22) 11/07/2022
(54) ACCOUNT OPENING METHODS, SYSTEMS, AND APPARATUSES
(31) 202110808788.9 (32) 16/07/2021 (33) CN
(86) PCT/CN2022/104977 (87) WO/2023/284691
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309621X (22) 19/07/2022
(54) RESOURCE TRANSFER METHODS, APPARATUSES, AND DEVICES
(31) 202111091686.6 (32) 17/09/2021 (33) CN
(86) PCT/CN2022/106361 (87) WO/2023/040451
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202309625R (22) 11/07/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) METHODS AND APPARATUSES FOR OFFLINE PAYMENT AUTHORIZATION, OFFLINE PAYMENT, AND PAYMENT COLLECTION

(31) 202111147591.1 (32) 27/09/2021 (33) CN
(86) PCT/CN2022/104976 (87) WO/2023/045501

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309631U (22) 12/07/2022
(54) COMMUNICATION CHANNEL MANAGEMENT METHODS AND APPARATUSES
(31) 202110957050.9 (32) 19/08/2021 (33) CN
(86) PCT/CN2022/105248 (87) WO/2023/020164

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309728W (22) 07/07/2022
(54) GRAPH NODE RELATIONSHIP REPRESENTATION GENERATION AND GRAPH NODE SERVICE RELATIONSHIP PREDICTION
(31) 202111003074.7 (32) 30/08/2021 (33) CN
(86) PCT/CN2022/104328 (87) WO/2023/029744

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309948X (22) 01/12/2022
(54) IMPLEMENTATION OF ONE-TOUCH LOGIN SERVICE
(31) 202111579026.2 (32) 22/12/2021 (33) CN
(86) PCT/CN2022/135823 (87) WO/2023/116382

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309988W (22) 14/10/2022
(54) METHODS AND APPARATUSES FOR JOINTLY PROCESSING DATA BY TWO PARTIES FOR DATA PRIVACY PROTECTION
(31) 202111601087.4 (32) 24/12/2021 (33) CN
(86) PCT/CN2022/125430 (87) WO/2023/116144

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309998U (22) 12/07/2022
(54) DIFFERENTIAL PRIVACY-BASED FEATURE PROCESSING METHOD AND APPARATUS
(31) 202111133642.5 (32) 27/09/2021 (33) CN
(86) PCT/CN2022/105052 (87) WO/2023/045503

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.; ANT BLOCKCHAIN TECHNOLOGY (SHANGHAI) CO., LTD.

(21) 11202309700Y (22) 18/05/2022
(54) CROSS-BLOCKCHAIN TRANSACTION SYNCHRONIZATION METHOD AND APPARATUS

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(31) 202110680483.4 (86) PCT/CN2022/093512	(32) 18/06/2021 (87) WO/2022/262510	(33) CN
(71) ALIPAY.COM CO., LTD. (21) 11202309166V	(22) 07/07/2022	
(54) PAYMENT METHODS AND APPARATUSES, ELECTRONIC DEVICES, AND READABLE MEDIA		
(31) 202111051331.4 (86) PCT/CN2022/104336	(32) 08/09/2021 (87) WO/2023/035753	(33) CN
(71) ALIPAY.COM CO., LTD. (21) 11202309939W	(22) 26/07/2022	
(54) INFORMATION DISPLAY		
(31) 202111131542.9 (86) PCT/CN2022/107824	(32) 26/09/2021 (87) WO/2023/045536	(33) CN
(71) ALLIUM BIOTECHNOLOGY PTE. LTD. (21) 10202303424W	(22) 05/12/2023	
(54) AB_FIAFSPFCCBFAM202312051244		
(71) ALLYSTA PHARMACEUTICALS, INC. (21) 11202309480X	(22) 30/06/2022	
(54) MONOMERIC FUSION PEPTIDES AND METHOD OF USE THEREOF		
(31) 63/216,688 (86) PCT/US2022/035699	(32) 30/06/2021 (87) WO/2023/278683	(33) US
(71) ALNYLAM PHARMACEUTICALS, INC. (21) 11202309525P	(22) 28/06/2022	
(54) COMPOSITIONS AND METHODS FOR SILENCING MYOC EXPRESSION		
(31) 63/215,804 (31) 63/287,404 (31) 63/351,033 (86) PCT/US2022/035266	(32) 28/06/2021 (32) 08/12/2021 (32) 10/06/2022 (87) WO/2023/278406	(33) US (33) US (33) US
(71) ALNYLAM PHARMACEUTICALS, INC. (21) 11202309842R	(22) 29/06/2022	
(54) LEUCINE-RICH REPEAT KINASE 2 (LRRK2) IRNA AGENT COMPOSITIONS AND METHODS OF USE THEREOF		
(31) 63/216,119 (31) 63/353,953 (86) PCT/US2022/035561	(32) 29/06/2021 (32) 21/06/2022 (87) WO/2023/278607	(33) US (33) US

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(71) ALPHA TAU MEDICAL LTD.

(21) 11202309612S

(22) 19/06/2022

(54) INTRATUMORAL ALPHA-EMITTER RADIATION IN COMBINATION WITH IMMUNE CHECKPOINT REGULATORS

(31) 63/212,671

(32) 20/06/2021

(33) US

(86) PCT/IB2022/055680

(87) WO/2022/269446

(71) ALPHA TAU MEDICAL LTD.

(21) 11202309613X

(22) 19/06/2022

(54) INTRATUMORAL ALPHA-EMITTER RADIATION IN COMBINATION WITH VASCULATURE INHIBITORS

(31) 63/212,670

(32) 20/06/2021

(33) US

(86) PCT/IB2022/055679

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(71) ALPHA TAU MEDICAL LTD.

(21) 11202309913P

(22) 29/06/2022

(54) RADIOTHERAPY APPLICATOR WITH PERPENDICULAR OR ANGLED RADIAL DISPENSING

(31) 63/216,565

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(33) US

(86) PCT/IB2022/056032

(87) WO/2023/275770

(71) ALPHA-PROTEIN GMBH

(21) 11202309383Y

(22) 09/06/2022

(54) APPARATUS AND METHOD FOR BREEDING INSECTS IN A HIGH-BAY STORE

(31) 10 2021 117 134.2

(32) 02/07/2021

(33) DE

(86) PCT/DE2022/100435

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(71) ALPINE IMMUNE SCIENCES, INC.

(21) 10202303639Q

(22) 03/01/2019

(54) MULTI-DOMAIN IMMUNOMODULATORY PROTEINS AND METHODS OF USE THEREOF

(31) 62/613,378

(32) 03/01/2018

(33) US

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(71) ALSTOM HOLDINGS

(21) 11202309300X

(22) 15/06/2022

(54) A PULSE WIDTH MODULATION SYSTEM AND A METHOD IN RELATION THERETO

(31) 2150797-5

(32) 22/06/2021

(33) SE

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(71) AMCOR FLEXIBLES NORTH AMERICA, INC.

(21) 11202308996S (22) 11/06/2021
(54) PEELABLE AND SEALABLE LIDSTOCK MATERIAL FOR CONTAINERS
(86) PCT/US2021/037014 (87) WO/2022/260679

(71) AMGEN INC.

(21) 11202309645V (22) 16/06/2022
(54) DRUG DELIVERY DEVICE HAVING SHOCK ABSORBER
(31) 63/211,904 (32) 17/06/2021 (33) US
(86) PCT/US2022/033702 (87) WO/2022/266272

(71) AMGEN INC.

(21) 11202309873U (22) 22/06/2022
(54) SYRINGES, ASSEMBLIES, AND METHODS OF MANUFACTURE
(31) 63/214,218 (32) 23/06/2021 (33) US
(86) PCT/US2022/034424 (87) WO/2022/271760

(71) AMGEN INC.

(21) 11202309968P (22) 29/06/2022
(54) METHOD OF RECONSTITUTING LYOPHILIZED FORMULATION
(31) 63/216,616 (32) 30/06/2021 (33) US
(86) PCT/US2022/035533 (87) WO/2023/278585

(71) AMOGY INC.

(21) 11202309272P (22) 10/06/2022
(54) SYSTEMS AND METHODS FOR PROCESSING AMMONIA
(31) 63/209,530 (32) 11/06/2021 (33) US
(31) 63/257,904 (32) 20/10/2021 (33) US
(86) PCT/US2022/033088 (87) WO/2022/261488

(71) ANDRITZ AG

(21) 11202309662Q (22) 09/03/2022
(54) METHOD FOR CONTROLLING FLOCCULANT ADDITION TO A SLUDGE
(31) A 50492/2021 (32) 18/06/2021 (33) AT
(86) PCT/EP2022/055973 (87) WO/2022/263020

(71) ANDURIL INDUSTRIES, INC.

(21) 11202309286X (22) 27/04/2023
(54) ROTATING RELEASE LAUNCHING SYSTEM
(31) 18/307,609 (32) 26/04/2023 (33) US
(86) PCT/US2023/020111 (87) WO/2023/239489

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(71) ANGEL GROUP CO., LTD.

(21) 11202309341P (22) 10/06/2022
(54) EFFICIENT GAMING MONITORING USING ARTIFICIAL INTELLIGENCE
(31) 2021901753 (32) 10/06/2021 (33) AU
(31) 2021901957 (32) 28/06/2021 (33) AU
(31) 2021106867 (32) 24/08/2021 (33) AU
(86) PCT/AU2022/050581 (87) WO/2022/256883

(71) ANGEL PLAYING CARDS CO., LTD.

(21) 10202303229Q (22) 25/10/2018
(54) RECOGNITION SYSTEM
(31) 2017-219634 (32) 15/11/2017 (33) JP

(71) APNIMED, INC. (DELAWARE)

(21) 11202309475S (22) 17/06/2022
(54) NOREPINEPHRINE REUPTAKE INHIBITORS FOR TREATING SLEEP APNEA
(31) 63/211,673 (32) 17/06/2021 (33) US
(31) 63/319,035 (32) 11/03/2022 (33) US
(86) PCT/US2022/033987 (87) WO/2022/266440

(71) APPLIED MATERIALS, INC.

(21) 11202307926P (22) 19/05/2022
(54) COATED SUBSTRATE SUPPORT ASSEMBLY FOR SUBSTRATE PROCESSING
(31) 17/368,997 (32) 07/07/2021 (33) US
(86) PCT/US2022/030101 (87) WO/2023/282982

(71) APPLIED MATERIALS, INC.

(21) 11202308598U (22) 28/06/2022
(54) CLEANING OF SIN WITH CCP PLASMA OR RPS CLEAN
(31) 17/362,925 (32) 29/06/2021 (33) US
(86) PCT/US2022/035236 (87) WO/2023/278388

(71) APPLIED MATERIALS, INC.

(21) 11202308666P (22) 17/06/2022
(54) SILICON-CONTAINING LAYER FOR BIT LINE RESISTANCE REDUCTION
(31) 17/351,223 (32) 17/06/2021 (33) US
(86) PCT/US2022/033926 (87) WO/2022/266409

(71) APPLIED MATERIALS, INC.

(21) 11202309259S (22) 23/05/2022

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(54) PROCESS KIT HAVING TALL DEPOSITION RING AND SMALLER DIAMETER
ELECTROSTATIC CHUCK (ESC) FOR PVD CHAMBER

(31) 17/351,535 (32) 18/06/2021 (33) US
(86) PCT/US2022/030502 (87) WO/2022/265822

(71) APPLIED MATERIALS, INC.

(21) 11202309380U (22) 03/06/2022

(54) MEMS RESONATOR SENSOR SUBSTRATE FOR PLASMA, TEMPERATURE, STRESS, OR
DEPOSITION SENSING

(31) 17/367,250 (32) 02/07/2021 (33) US
(86) PCT/US2022/032242 (87) WO/2023/278100

(71) APPLIED MATERIALS, INC.

(21) 11202309524R (22) 28/06/2022

(54) CONCENTRATION SENSOR FOR PRECURSOR DELIVERY SYSTEM

(31) 17/365,906 (32) 01/07/2021 (33) US
(86) PCT/US2022/035352 (87) WO/2023/278474

(71) APPLIED MATERIALS, INC.

(21) 11202309620U (22) 05/07/2022

(54) POLISHING PAD INCLUDING AN ACOUSTIC WINDOW FOR CHEMICAL MECHANICAL
POLISHING

(31) 63/218,897 (32) 06/07/2021 (33) US
(86) PCT/US2022/073435 (87) WO/2023/283555

(71) APPLIED MATERIALS, INC.

(21) 11202309657S (22) 06/07/2022

(54) METHOD AND MECHANISM FOR CONTACT-FREE PROCESS CHAMBER
CHARACTERIZATION

(31) 63/219,498 (32) 08/07/2021 (33) US
(31) 17/857,630 (32) 05/07/2022 (33) US
(86) PCT/US2022/036263 (87) WO/2023/283271

(71) APPLIED MATERIALS, INC.

(21) 11202309672Y (22) 17/06/2022

(54) SEMICONDUCTOR PROCESSING CHAMBER ADAPTER

(31) 17/366,761 (32) 02/07/2021 (33) US
(86) PCT/US2022/034059 (87) WO/2023/278183

(71) APPLIED MATERIALS, INC.

(21) 11202310014U (22) 28/06/2022

(54) PROCESSING SYSTEMS AND METHODS TO CONTROL PROCESS DRIFT

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(31) 17/367,089	(32) 02/07/2021	(33) US
(86) PCT/US2022/035354	(87) WO/2023/278476	
(71) APPLIED MATERIALS, INC.; NATIONAL UNIVERSITY OF SINGAPORE		
(21) 11202308196U	(22) 22/06/2022	
(54) NOVEL OXIDANTS AND STRAINED-RING PRECURSORS		
(31) 17/355,154	(32) 22/06/2021	(33) US
(86) PCT/US2022/034513	(87) WO/2022/271815	
(71) ARENA PHARMACEUTICALS, INC.		
(21) 10202303398X	(22) 27/01/2011	
(54) PROCESSES FOR THE PREPARATION OF (R)-2-(7-(4-CYCLOPENTYL-3-(TRIFLUOROMETHYL)BENZYLOXY)-1,2,3,4-TETRAHYDROCYCLOPENTA[B]INDOL-3-YL)ACETIC ACID AND SALTS THEREOF		
(31) 61/336,835	(32) 27/01/2010	(33) US
(71) ARGONAUT THERAPEUTICS LIMITED		
(21) 11202309406P	(22) 10/06/2022	
(54) COMPOUNDS USEFUL IN THE TREATMENT OR PREVENTION OF A PRMT5-MEDIATED DISORDER		
(31) 2108383.7	(32) 11/06/2021	(33) GB
(86) PCT/GB2022/051462	(87) WO/2022/258986	
(71) ARKEMA FRANCE		
(21) 11202309479P	(22) 20/06/2022	
(54) METHOD FOR PREPARING MERCAPTANS BY SULFHYDROLYSIS OF DIALKYL SULFIDES WITH CATALYST PRETREATMENT		
(31) FR2106567	(32) 21/06/2021	(33) FR
(86) PCT/FR2022/051192	(87) WO/2022/269182	
(71) ARKEMA FRANCE		
(21) 11202309489W	(22) 20/06/2022	
(54) METHOD FOR PREPARING MERCAPTANS WITH SULFHYDROLYSIS OF PURIFIED DIALKYL SULFIDES		
(31) FR2106568	(32) 21/06/2021	(33) FR
(86) PCT/FR2022/051193	(87) WO/2022/269183	
(71) ARRAY BIOPHARMA INC.		
(21) 11202309636V	(22) 23/06/2022	
(54) HER2 MUTATION INHIBITORS		
(31) 63/215,435	(32) 26/06/2021	(33) US
(31) 63/294,590	(32) 29/12/2021	(33) US

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- (31) 63/350,495 (32) 09/06/2022 (33) US
(86) PCT/IB2022/055827 (87) WO/2022/269531
- (71) ASAHI KASEI KABUSHIKI KAISHA
(21) 11202309596P (22) 01/07/2022
(54) COMPOSITION FOR INORGANIC POWDER INJECTION MOLDING, AND MOLDED BODY AND SINTERED BODY USING THE SAME
(31) 2021-119164 (32) 19/07/2021 (33) JP
(31) 2021-119163 (32) 19/07/2021 (33) JP
(86) PCT/JP2022/026526 (87) WO/2023/002839
- (71) ASCLETIS BIOSCIENCE CO., LTD
(21) 11202309771S (22) 02/07/2021
(54) HETEROCYCLIC COMPOUNDS AS IMMUNOMODULATORS OF PD-L1 INTERACTIONS
(86) PCT/CN2021/104258 (87) WO/2023/272720
- (71) ASHVATTHA THERAPEUTICS, INC.
(21) 11202309463T (22) 10/06/2022
(54) DENDRIMER CONJUGATES AND METHODS OF USE THEREOF
(31) 63/209,348 (32) 10/06/2021 (33) US
(31) 63/327,301 (32) 04/04/2022 (33) US
(86) PCT/US2022/033112 (87) WO/2022/261504
- (71) ASML NETHERLANDS B.V.
(21) 11202309433P (22) 30/05/2022
(54) STRUCTURES FOR USE ON A SUBSTRATE HOLDER, SUBSTRATE HOLDER, LITHOGRAPHIC APPARATUS AND METHOD
(31) 21181588.1 (32) 24/06/2021 (33) EP
(31) 21195600.8 (32) 08/09/2021 (33) EP
(86) PCT/EP2022/064570 (87) WO/2022/268438
- (71) ASML NETHERLANDS B.V.
(21) 11202309921P (22) 13/07/2022
(54) DATA PROCESSING DEVICE AND METHOD, CHARGED PARTICLE ASSESSMENT SYSTEM AND METHOD
(31) 21186705.6 (32) 20/07/2021 (33) EP
(86) PCT/EP2022/069579 (87) WO/2023/001655
- (71) ASMPT SMT Singapore Pte. Ltd.
(21) 10202303552W (22) 18/12/2023
(54) Underscreen Cleaning

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(31) 2300494.8	(32) 12/01/2023	(33) GB
(71) ASTRAL NEUTRONICS LTD		
(21) 11202309535Y	(22) 15/06/2022	
(54) PARTICLE GENERATING APPARATUS		
(31) 2108736.6	(32) 18/06/2021	(33) GB
(86) PCT/GB2022/051516	(87) WO/2022/263827	
(71) ASTRAZENECA AB; MITSUBISHI TANABE PHARMA CORPORATION		
(21) 11202309766Q	(22) 01/07/2022	
(54) NLRP3 INFLAMMASOME INHIBITORS		
(31) 63/217,970	(32) 02/07/2021	(33) US
(86) PCT/EP2022/068292	(87) WO/2023/275366	
(71) ASTRAZENECA PHARMACEUTICALS LP		
(21) 11202309992P	(22) 08/07/2022	
(54) COMPOSITIONS, METHODS AND SYSTEMS FOR AEROSOL DRUG DELIVERY		
(31) 63/220,362	(32) 09/07/2021	(33) US
(31) 63/282,356	(32) 23/11/2021	(33) US
(86) PCT/US2022/036542	(87) WO/2023/283438	
(71) ASTRAZENECA PHARMACEUTICALS LP		
(21) 11202309993V	(22) 08/07/2022	
(54) COMPOSITIONS, METHODS AND SYSTEMS FOR AEROSOL DRUG DELIVERY		
(31) 63/220,362	(32) 09/07/2021	(33) US
(31) 63/282,356	(32) 23/11/2021	(33) US
(86) PCT/US2022/036543	(87) WO/2023/283439	
(71) ATHIRA PHARMA, INC.		
(21) 11202309854Y	(22) 21/07/2022	
(54) METHODS OF TREATING PARKINSON'S DISEASE AND/OR LEWY BODY DISEASE OR DISORDER(S)		
(31) PCT/US2021/042974	(32) 23/07/2021	(33) US
(86) PCT/US2022/074021	(87) WO/2023/004393	
(71) ATTENT AS		
(21) 11202309350S	(22) 25/11/2021	
(54) DENTAL TRANSILLUMINATION DEVICE		
(31) 2018550.0	(32) 25/11/2020	(33) GB
(86) PCT/EP2021/083026	(87) WO/2022/112429	

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(71) ATTENT AS

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(22) 25/11/2021

(54) ILLUMINATION SOURCES AND METHOD FOR DENTAL TRANSILLUMINATION

(31) 2018542.7

(32) 25/11/2020

(33) GB

(86) PCT/EP2021/083022

(87) WO/2022/112426

(71) ATTENT AS

(21) 11202309351V

(22) 25/11/2021

(54) DENTAL TRANSILLUMINATION SYSTEM

(31) 2018543.5

(32) 25/11/2020

(33) GB

(86) PCT/EP2021/083023

(87) WO/2022/112427

(71) AUO Corporation

(21) 10202303439P

(22) 06/12/2023

(54) DISPLAY DEVICE

(31) 112100416

(32) 05/01/2023

(33) TW

(71) AVM BIOTECHNOLOGY, LLC

(21) 10202303538U

(22) 14/11/2019

(54) STABLE GLUCOCORTICOID FORMULATION

(31) 62/767,448

(32) 14/11/2018

(33) US

(71) AXON ENTERPRISE, INC.

(21) 11202309361Q

(22) 10/06/2022

(54) MAGAZINE INTERPOSER FOR A CONDUCTED ELECTRICAL WEAPON

(31) 63/209,766

(32) 11/06/2021

(33) US

(86) PCT/US2022/032975

(87) WO/2022/261414

(71) AXON ENTERPRISE, INC.

(21) 11202309646R

(22) 21/06/2022

(54) CARTRIDGE IDENTIFIER FOR A CONDUCTED ELECTRICAL WEAPON

(31) 63/213,067

(32) 21/06/2021

(33) US

(86) PCT/US2022/034230

(87) WO/2023/278195

(71) AZBIL CORPORATION

(21) 10202303440X

(22) 06/12/2023

(54) AIR CONDITIONING EQUIPMENT MONITORING DEVICE

(31) 2023-020908

(32) 14/02/2023

(33) JP

(71) Afton Chemical Corporation

(21) 10202303415Q

(22) 04/12/2023

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- (54) Driveline and Transmission Fluids for Low Speed Wear and Scuffing
(31) 18/063791 (32) 09/12/2022 (33) US
- (71) Agency for Science, Technology and Research
(21) 10202303197R (22) 10/11/2023
(54) INTERLEUKIN-12 VARIANTS AND MEDICAL USES THEREOF
- (71) Agency for Science, Technology and Research
(21) 10202303232Q (22) 16/11/2023
(54) Medium-Entropy Ceramic Composites
- (71) Agency for Science, Technology and Research
(21) 10202303271Q (22) 20/11/2023
(54) Method to Form Large Size 2D Film
- (71) Agency for Science, Technology and Research
(21) 10202303499X (22) 14/12/2023
(54) A flexible ultrasonic transducer on a structure and a method of structural health monitoring with surface wave using the transducer
- (71) Agency for Science, Technology and Research
(21) 10202303682Y (22) 29/12/2023
(54) A RETRACTABLE NANOPOROUS BALLOON FILTER FOR GLUCOSE-SPARING PERITONEAL DIALYSIS (PD)
- (71) Agency for Science, Technology and Research; Nanyang Technological University
(21) 10202303171U (22) 07/11/2023
(54) IN VITRO MODEL
- (71) Agency for Science, Technology and Research; Nanyang Technological University
(21) 10202303335Q (22) 23/11/2023
(54) EXTRACELLULAR VESICLES
- (71) Alipay (Hangzhou) Information Technology Co., Ltd.; Alibaba (China) Co., Ltd.
(21) 10202303333X (22) 23/11/2023
(54) DIGITAL AVATAR RECOMMENDATION METHOD AND RECOMMENDATION SYSTEM
(31) 202211489297.3 (32) 25/11/2022 (33) CN

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(71) Angel Playing Cards Co., Ltd.

(21) 10202303231S (22) 15/11/2018

(54) RECOGNITION SYSTEM

(31) 2017-219634 (32) 15/11/2017 (33) JP

(71) Aplos Machines Manufacturing (Shanghai) Co., Ltd

(21) 10202303466X (22) 08/12/2023

(54) Installation Method, Structure of Linear Motor and Electrical Equipment thereof

(31) 202211651184.9 (32) 21/12/2022 (33) CN

(71) AppViewX Inc

(21) 10202303606W (22) 22/12/2023

(54) System And Method For Enabling Dynamic Regrouping Of Icons On A GUI Without Requiring Reconfiguration

(31) 63435161 (32) 23/12/2022 (33) US

(71) B. BRAUN MELSUNGEN AG

(21) 11202309491T (22) 14/06/2022

(54) NEEDLE DEVICES WITH GRIP ADAPTORS AND RELATED METHODS

(31) 63/210,352 (32) 14/06/2021 (33) US

(86) PCT/EP2022/066135 (87) WO/2022/263427

(71) B. BRAUN MELSUNGEN AG

(21) 11202309565X (22) 15/06/2022

(54) SMART INTRAVENOUS CATHETER SYSTEM

(31) 63/211,677 (32) 17/06/2021 (33) US

(86) PCT/EP2022/066375 (87) WO/2022/263549

(71) B. BRAUN MELSUNGEN AG

(21) 11202309830W (22) 28/06/2022

(54) CATHETER WITH INTEGRATED DISPENSER AND RELATED METHOD OF MANUFACTURE

(31) 63/216,265 (32) 29/06/2021 (33) US

(86) PCT/EP2022/067751 (87) WO/2023/275059

(71) BAE SYSTEMS HÄGGLUNDS AKTIEBOLAG

(21) 11202309023W (22) 05/07/2022

(54) METHOD AND DEVICE FOR DETERMINING DAMAGE OF AN ENDLESS TRACK OF A TRACKED VEHICLE

(31) 2150889-0 (32) 06/07/2021 (33) SE

(86) PCT/SE2022/050685 (87) WO/2023/282829

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(71) BAKER, SCOTT

(21) 11202307356V

(22) 06/06/2022

(54) GLOVE

(86) PCT/US2022/032353

(87) WO/2023/239346

(71) BANGOR UNIVERSITY

(21) 11202309464R

(22) 22/07/2022

(54) WAVEGUIDE SECTION, WAVEGUIDE, SKIN TREATMENT APPARATUS, HANDHELD APPLICATOR, APPLICATOR PAD AND A SKIN TREATMENT KIT

(31) 2110955.8

(32) 29/07/2021

(33) GB

(86) PCT/EP2022/070713

(87) WO/2023/006633

(71) BARDEX CORPORATION

(21) 11202309323Q

(22) 07/06/2022

(54) PARAMETRIC WAVE ENERGY, SUBSEA POWER GENERATION

(31) 63/209,030

(32) 10/06/2021

(33) US

(86) PCT/US2022/032519

(87) WO/2022/261109

(71) BAROPACE, INC.

(21) 11202309282Q

(22) 16/06/2022

(54) SYSTEMS AND METHODS FOR BLOOD PRESSURE DEVICE CALIBRATION

(31) 63/212,012

(32) 17/06/2021

(33) US

(31) PCT/US2022/072866

(32) 10/06/2022

(33) US

(86) PCT/US2022/072989

(87) WO/2022/266655

(71) BASF AS

(21) 10202303402W

(22) 05/12/2018

(54) FATTY ACID DERIVATIVES FOR TREATING NON-ALCOHOLIC STEATOHEPATITIS

(31) 20171944

(32) 06/12/2017

(33) NO

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(33) NO

(31) 62/743,013

(32) 09/10/2018

(33) US

(71) BASF SE

(21) 11202309536X

(22) 14/06/2022

(54) ZEOLITE SYNTHESIS IN A CONTINUOUS FLOW REACTOR WITH A PULSATILE FLOW REGIME

(31) 21179243.7

(32) 14/06/2021

(33) EP

(86) PCT/EP2022/066151

(87) WO/2022/263436

(71) BASF SE; DOW GLOBAL TECHNOLOGIES LLC

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(54) SHUTDOWN METHOD FOR A PROCESS FOR PREPARING AN OLEFIN OXIDE		
(31) 21179509.1	(32) 15/06/2021	(33) EP
(86) PCT/EP2022/066154	(87) WO/2022/263437	
(71) BASF SE; DOW GLOBAL TECHNOLOGIES LLC		
(21) 11202309793U	(22) 22/06/2022	
(54) PROCESS FOR THE PREPARATION OF A LIQUID MIXTURE COMPRISING METHANOL, WATER AND HYDROGEN PEROXIDE		
(31) 21181263.1	(32) 23/06/2021	(33) EP
(86) PCT/EP2022/066967	(87) WO/2022/268859	
(71) BAYER AKTIENGESELLSCHAFT		
(21) 10202303400S	(22) 18/04/2019	
(54) NOVEL HETEROARYL-TRIAZOLE AND HETEROARYL-TETRAZOLE COMPOUNDS AS PESTICIDES		
(31) 18169333.4	(32) 25/04/2018	(33) EP
(31) 18188221.8	(32) 09/08/2018	(33) EP
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(71) BEAM THERAPEUTICS INC.		
(21) 10202303541P	(22) 13/02/2020	
(54) MODIFIED IMMUNE CELLS HAVING ADENOSINE DEAMINASE BASE EDITORS FOR MODIFYING A NUCLEOBASE IN A TARGET SEQUENCE		
(31) 62/805,271	(32) 13/02/2019	(33) US
(31) 62/852,228	(32) 23/05/2019	(33) US
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(71) BEAM THERAPEUTICS INC.		
(21) 10202303562R	(22) 20/12/2021	
(54) NANOMATERIALS COMPRISING ESTER-LINKED ACETALS		
(31) 63/128,680	(32) 21/12/2020	(33) US
(31) 63/223,971	(32) 20/07/2021	(33) US
(31) 63/287,390	(32) 08/12/2021	(33) US
(71) BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.		
(21) 11202309455T	(22) 30/06/2022	
(54) SYSTEMS AND METHODS FOR REMOVING CARBON DIOXIDE FROM A COMBUSTION FLUE GAS AND/OR AIR		

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(31) 63/232,843	(32) 13/08/2021	(33) US
(86) PCT/US2022/035724	(87) WO/2023/283099	
(71) BECTON, DICKINSON AND COMPANY		
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(54) PINCH CLAMP		
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(31) 16/573,709	(32) 17/09/2019	(33) US
(71) BECTON, DICKINSON AND COMPANY		
(21) 11202309296Y	(22) 29/06/2022	
(54) INSTRUMENT ADVANCEMENT DEVICE HAVING A SEPTUM		
(31) 63/218,069	(32) 02/07/2021	(33) US
(86) PCT/US2022/035431	(87) WO/2023/278513	
(71) BECTON, DICKINSON AND COMPANY		
(21) 11202309339Y	(22) 28/06/2022	
(54) VASCULAR ACCESS DEVICE WITH NON-CONTACT GUIDEWIRE ADVANCEMENT		
(31) 63/218,143	(32) 02/07/2021	(33) US
(86) PCT/US2022/035196	(87) WO/2023/278363	
(71) BECTON, DICKINSON AND COMPANY		
(21) 11202309344Q	(22) 28/06/2022	
(54) INSTRUMENT ADVANCEMENT DEVICE CONFIGURED FOR SEPTUM ENGAGEMENT		
(31) 63/218,107	(32) 02/07/2021	(33) US
(86) PCT/US2022/035199	(87) WO/2023/278366	
(71) BECTON, DICKINSON AND COMPANY		
(21) 11202309558P	(22) 06/04/2022	
(54) CLAMPS FOR APPLYING AN IMMOBILIZING FORCE TO A PHOTODETECTOR, AND SYSTEMS AND METHODS FOR USING THE SAME		
(31) 63/210,390	(32) 14/06/2021	(33) US
(86) PCT/US2022/023651	(87) WO/2022/265716	
(71) BECTON, DICKINSON AND COMPANY		
(21) 10202303549S	(22) 06/09/2018	
(54) PERIPHERAL INTRAVENOUS CATHETERS HAVING FLOW DIVERTING FEATURES		
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(71) BECTON, DICKINSON AND COMPANY

(21) 11202310013W

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(54) CATHETER ASSEMBLY ADAPTER, INSTRUMENT DELIVERY DEVICE, AND RELATED METHODS

(31) 63/218,127

(32) 02/07/2021

(33) US

(86) PCT/US2022/035191

(87) WO/2023/278359

(71) BECTON, DICKINSON AND COMPANY

(21) 11202310015Y

(22) 28/06/2022

(54) INSTRUMENT DELIVERY DEVICE WITH DIFFERENT GUIDEWIRE AND TUBING ADVANCEMENT RATIOS

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(32) 02/07/2021

(33) US

(86) PCT/US2022/035192

(87) WO/2023/278360

(71) BECTON, DICKINSON AND COMPANY

(21) 11202310016X

(22) 29/06/2022

(54) VASCULAR ACCESS DEVICE TO REDUCE BUCKLING OF A PROBE

(31) 63/218,087

(32) 02/07/2021

(33) US

(86) PCT/US2022/035403

(87) WO/2023/278499

(71) BECTON, DICKINSON AND COMPANY

(21) 11202310019R

(22) 29/06/2022

(54) BLOOD COLLECTION DEVICE AND RELATED SYSTEMS AND METHODS

(31) 63/218,101

(32) 02/07/2021

(33) US

(86) PCT/US2022/035425

(87) WO/2023/278507

(71) BECTON, DICKINSON AND COMPANY

(21) 11202310020R

(22) 29/06/2022

(54) NON-INTEGRATED CATHETER SYSTEM HAVING AN EXTENSION SET

(31) 63/218,161

(32) 02/07/2021

(33) US

(86) PCT/US2022/035452

(87) WO/2023/278526

(71) BECTON, DICKINSON AND COMPANY

(21) 11202310022X

(22) 29/06/2022

(54) PROTECTIVE COVER FOR A MEDICAL DEVICE

(31) 63/218,167

(32) 02/07/2021

(33) US

(86) PCT/US2022/035419

(87) WO/2023/278503

(71) BEHR, Peter; BEHR, Daniel

(21) 11202309703X

(22) 10/06/2022

(54) LASHING ELEMENT AND LASHING SYSTEM FOR LASHING CONTAINERS

(31) 10 2021 115 908.3

(32) 18/06/2021

(33) DE

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(71) BEIGENE SWITZERLAND GMBH

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(54) (R) -GLUTARIMIDE CRBN LIGANDS AND METHODS OF USE
(31) PCT/CN2021/101281 (32) 21/06/2021 (33) CN
(31) PCT/CN2021/142802 (32) 30/12/2021 (33) CN
(86) PCT/CN2022/100017 (87) WO/2022/268052

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

(21) 11202309092X (22) 27/10/2022
(54) FILE LEAKAGE DETECTION METHOD AND DEVICE
(31) 202111434476.2 (32) 29/11/2021 (33) CN
(86) PCT/CN2022/127891 (87) WO/2023/093444

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

(21) 11202309739Q (22) 27/06/2022
(54) INFORMATION REPLAY METHOD AND APPARATUS, ELECTRONIC DEVICE, COMPUTER STORAGE MEDIUM, AND PRODUCT
(31) 202110746234.0 (32) 01/07/2021 (33) CN
(86) PCT/CN2022/101443 (87) WO/2023/274124

(71) BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309850Q (22) 28/06/2022
(54) RESIDUAL AND COEFFICIENTS CODING FOR VIDEO CODING
(31) 63/215,961 (32) 28/06/2021 (33) US
(86) PCT/US2022/035391 (87) WO/2023/278494

(71) BEIJING INNOCARE PHARMA TECH CO., LTD.

(21) 11202309638Y (22) 16/12/2021
(54) HETEROCYCLIC JAK INHIBITOR
(31) 202011495497.0 (32) 18/12/2020 (33) CN
(86) PCT/CN2021/138842 (87) WO/2022/127869

(71) BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.

(21) 11202309362R (22) 11/08/2022
(54) METHOD AND SYSTEM FOR INSPECTING OBJECTS STORED IN THREE-DIMENSIONAL WAREHOUSE
(31) 202111196606.3 (32) 14/10/2021 (33) CN
(86) PCT/CN2022/111625 (87) WO/2023/061017

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(71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.

(21) 11202309434Y (22) 11/04/2022

(54) UNMANNED DEVICE CONTROL

(31) 202111106333.9 (32) 22/09/2021 (33) CN

(86) PCT/CN2022/086144 (87) WO/2023/045301

(71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.

(21) 11202309439V (22) 06/01/2023

(54) MARKER ALLOCATION METHOD AND APPARATUS IN UNMANNED AERIAL VEHICLE AIRPORT AND UNMANNED AERIAL VEHICLE LANDING METHOD AND APPARATUS

(31) 202210028026.1 (32) 11/01/2022 (33) CN

(86) PCT/CN2023/070802 (87) WO/2023/134551

(71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.

(21) 11202309446X (22) 08/07/2022

(54) UNMANNED DEVICE CONTROL METHOD AND APPARATUS, STORAGE MEDIUM, AND ELECTRONIC DEVICE

(31) 202111560238.6 (32) 20/12/2021 (33) CN

(86) PCT/CN2022/104641 (87) WO/2023/115909

(71) BEIJING SINOTAU BIO-PHARMACEUTICALS TECHNOLOGY CO., LTD.

(21) 11202308985R (22) 15/06/2022

(54) ANTI-HER3 ANTIBODY, ANTIBODY DRUG CONJUGATE CONTAINING THE SAME, AND USE THEREOF

(31) PCT/CN2021/099998 (32) 15/06/2021 (33) CN

(86) PCT/CN2022/098929 (87) WO/2022/262772

(71) BEIJING STREAM COMPUTING INC.

(21) 11202309261Y (22) 14/04/2022

(54) METHOD, APPARATUS, ELECTRONIC DEVICE AND COMPUTER-READABLE STORAGE MEDIUM FOR COMPUTATIONAL FLOW GRAPH SCHEDULING SCHEME GENERATION

(31) 202110620358.4 (32) 03/06/2021 (33) CN

(86) PCT/CN2022/086761 (87) WO/2022/252839

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202309386P (22) 11/06/2021

(54) BEAM FAILURE RECOVERY METHOD AND APPARATUS AND STORAGE MEDIUM

(86) PCT/CN2021/099835 (87) WO/2022/257136

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- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309387Q (22) 16/06/2021
(54) DRX TIMER START METHOD AND APPARATUS, COMMUNICATION DEVICE, AND STORAGE MEDIUM
(86) PCT/CN2021/100452 (87) WO/2022/261877
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309520S (22) 16/06/2021
(54) INFORMATION TRANSMISSION METHOD AND APPARATUS, AND COMMUNICATION DEVICE AND STORAGE MEDIUM
(86) PCT/CN2021/100426 (87) WO/2022/261869
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309541U (22) 18/06/2021
(54) INFORMATION INDICATING METHOD AND APPARATUS, USER EQUIPMENT, BASE STATION, AND STORAGE MEDIUM
(86) PCT/CN2021/101078 (87) WO/2022/261982
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309586Q (22) 17/06/2021
(54) POWER INFORMATION TRANSMITTING METHOD AND APPARATUS, POWER INFORMATION RECEIVING METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM
(86) PCT/CN2021/100707 (87) WO/2022/261905
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309589Y (22) 18/06/2021
(54) INFORMATION TRANSMISSION METHOD AND APPARATUS, AND COMMUNICATION DEVICE AND STORAGE MEDIUM
(86) PCT/CN2021/101055 (87) WO/2022/261973
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309730S (22) 24/06/2021
(54) METHOD AND APPARATUS FOR BEAM RECOVERY OF PHYSICAL UPLINK CONTROL CHANNEL
(86) PCT/CN2021/102138 (87) WO/2022/266948
- (71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202309733T (22) 22/06/2021
(54) PACKET PAGING METHOD AND APPARATUS, COMMUNICATION DEVICE, AND STORAGE MEDIUM
(86) PCT/CN2021/101631 (87) WO/2022/266855

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(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202309774U

(22) 25/06/2021

(54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS

(86) PCT/CN2021/102470

(87) WO/2022/267033

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202309820Y

(22) 25/06/2021

(54) POLARIZATION INDICATION METHOD AND APPARATUS, POLARIZATION DETERMINATION METHOD AND APPARATUS, COMMUNICATION APPARATUS, AND STORAGE MEDIUM

(86) PCT/CN2021/102546

(87) WO/2022/267061

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202309826W

(22) 24/06/2021

(54) TIMING RELATIONSHIP ADJUSTMENT METHOD AND APPARATUS

(86) PCT/CN2021/102055

(87) WO/2022/266926

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202309898T

(22) 24/06/2021

(54) METHOD AND APPARATUS FOR DETERMINING CROSS-CARRIER WAVE BEAM SERVICE TIME

(86) PCT/CN2021/102182

(87) WO/2022/266957

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202400002R

(22) 23/04/2022

(54) METHOD AND APPARATUS OF ENCODING/DECODING POINT CLOUD CAPTURED BY A SPINNING SENSORS HEAD

(31) 21305920.7

(32) 02/07/2021

(33) EP

(86) PCT/CN2022/088640

(87) WO/2023/273551

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309084R

(22) 24/06/2022

(54) VIDEO INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(31) 202110820990.3

(32) 20/07/2021

(33) CN

(86) PCT/CN2022/101056

(87) WO/2023/000918

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309088X

(22) 19/05/2022

(54) VIDEO PROCESSING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM

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(86) PCT/CN2022/093842 (87) WO/2022/252998
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309154U (22) 27/10/2022
(54) TABLE DATA DISPLAYING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM
(31) 202111257787.6 (32) 27/10/2021 (33) CN
(86) PCT/CN2022/127993 (87) WO/2023/072204
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309193R (22) 10/05/2022
(54) PAGE DISPLAY METHOD AND APPARATUS FOR APPLICATION PROGRAM, AND ELECTRONIC DEVICE
(31) 202110603466.0 (32) 31/05/2021 (33) CN
(86) PCT/CN2022/091886 (87) WO/2022/252934
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309228R (22) 30/05/2022
(54) AUDIO SHARING METHOD AND APPARATUS, DEVICE AND MEDIUM
(31) 202110615705.4 (32) 02/06/2021 (33) CN
(86) PCT/CN2022/095845 (87) WO/2022/253157
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309234V (22) 13/12/2022
(54) METHOD FOR URGENTLY SENDING MESSAGE, APPARATUS, AND STORAGE MEDIUM
(31) 202111671077.8 (32) 31/12/2021 (33) CN
(86) PCT/CN2022/138640 (87) WO/2023/124964
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309258V (22) 30/06/2022
(54) A VIDEO SHARING METHOD, APPARATUS, DEVICE AND MEDIUM
(31) 202110754247.2 (32) 02/07/2021 (33) CN
(86) PCT/CN2022/102721 (87) WO/2023/274354
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
(21) 11202309302T (22) 06/06/2022
(54) VIDEO GENERATION METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM
(31) 202110624616.6 (32) 04/06/2021 (33) CN
(86) PCT/CN2022/097059 (87) WO/2022/253350

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(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309364P (22) 15/07/2022

(54) MESSAGE SENDING METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM

(31) 202110833147.9 (32) 22/07/2021 (33) CN

(86) PCT/CN2022/105909 (87) WO/2023/001066

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309444U (22) 06/06/2022

(54) INTERACTION METHOD AND APPARATUS, MEDIUM, AND ELECTRONIC DEVICE

(31) 202110657137.4 (32) 11/06/2021 (33) CN

(86) PCT/CN2022/097104 (87) WO/2022/257874

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309652P (22) 13/06/2022

(54) VIDEO PROCESSING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM

(31) 202110696038.7 (32) 23/06/2021 (33) CN

(86) PCT/CN2022/098366 (87) WO/2022/267915

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309731V (22) 29/08/2022

(54) INFORMATION PRESENTATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE AND STORAGE MEDIUM

(31) 202111004405.9 (32) 30/08/2021 (33) CN

(86) PCT/CN2022/115416 (87) WO/2023/030224

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309760T (22) 27/10/2022

(54) TABLE PROCESSING METHOD AND APPARATUS, ELECTRONIC DEVICE, MEDIUM AND PROGRAM PRODUCT

(31) 202111257767.9 (32) 27/10/2021 (33) CN

(86) PCT/CN2022/127991 (87) WO/2023/072203

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309779R (22) 09/09/2022

(54) CONTROL DISPLAY METHOD AND APPARATUS, DEVICE AND MEDIUM

(31) 202111062446.3 (32) 10/09/2021 (33) CN

(86) PCT/CN2022/117975 (87) WO/2023/036277

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(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309823X

(22) 22/06/2022

(54) TEMPLATE RECOMMENDATION METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM

(31) 202110703796.7

(32) 24/06/2021

(33) CN

(86) PCT/CN2022/100519

(87) WO/2022/268133

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309834Q

(22) 24/08/2022

(54) LIVE BROADCAST CONTENT DISPLAY METHOD AND APPARATUS, ELECTRONIC DEVICE, AND READABLE STORAGE MEDIUM

(31) 202111183746.7

(32) 11/10/2021

(33) CN

(86) PCT/CN2022/114525

(87) WO/2023/061057

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309843S

(22) 12/08/2022

(54) VIDEO PLAYING METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM

(31) 202110996241.6

(32) 27/08/2021

(33) CN

(86) PCT/CN2022/111942

(87) WO/2023/024927

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309893W

(22) 04/08/2022

(54) TEXT INPUT METHOD AND APPARATUS, AND ELECTRONIC DEVICE AND STORAGE MEDIUM

(31) 202110932864.7

(32) 13/08/2021

(33) CN

(86) PCT/CN2022/110316

(87) WO/2023/016349

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309955S

(22) 19/09/2022

(54) PROP PROCESSING METHOD AND APPARATUS, AND DEVICE AND MEDIUM

(31) 202111145397.X

(32) 28/09/2021

(33) CN

(86) PCT/CN2022/119536

(87) WO/2023/051294

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309983S

(22) 17/08/2022

(54) METHOD, APPARATUS, TERMINAL AND STORAGE MEDIUM FOR SERVICE PROCESSING BASED ON ONLINE DOCUMENT

(31) 202110950234.2

(32) 18/08/2021

(33) CN

(31) 202111046163.X

(32) 07/09/2021

(33) CN

(86) PCT/CN2022/113097

(87) WO/2023/020550

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(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

(21) 11202309986U

(22) 06/04/2023

(54) DATA PROCESSING METHOD, APPARATUS AND DEVICE AND STORAGE MEDIUM

(31) 202210420168.2

(32) 20/04/2022

(33) CN

(86) PCT/CN2023/086512

(87) WO/2023/202382

(71) BIO-TRIP B.V.

(21) 11202309183X

(22) 22/06/2022

(54) NUCLEIC ACID CONTAINING NANOPARTICLES

(31) 21180786.2

(32) 22/06/2021

(33) EP

(86) PCT/EP2022/067073

(87) WO/2022/268913

(71) BIOBOT SURGICAL PTE LTD

(21) 11202310051V

(22) 23/08/2022

(54) METHOD AND SYSTEM FOR DETERMINING A TRAJECTORY OF AN ELONGATED TOOL

(31) 10202109183Q

(32) 23/08/2021

(33) SG

(86) PCT/SG2022/050600

(87) WO/2023/027637

(71) BIOLIFE SOLUTIONS, INC.

(21) 11202309247Q

(22) 06/07/2022

(54) SMALL-VOLUME CRYOGENIC STORAGE CONTAINER

(31) 63/218,550

(32) 06/07/2021

(33) US

(86) PCT/US2022/036247

(87) WO/2023/283261

(71) BIOVERATIV THERAPEUTICS INC.

(21) 11202309829U

(22) 23/06/2022

(54) FORMULATIONS OF FACTOR VIII CHIMERIC PROTEINS AND USES THEREOF

(31) 63/214,245

(32) 23/06/2021

(33) US

(31) 63/214,246

(32) 23/06/2021

(33) US

(31) 63/214,752

(32) 24/06/2021

(33) US

(31) 63/231,909

(32) 11/08/2021

(33) US

(86) PCT/US2022/034747

(87) WO/2022/271962

(71) BL TECHNOLOGIES, INC.

(21) 11202309752V

(22) 30/06/2022

(54) NANOFILTRATION SYSTEM AND METHOD

(31) 202110772265.3

(32) 08/07/2021

(33) CN

(86) PCT/US2022/035757

(87) WO/2023/283101

(71) BLUEPRINT MEDICINES CORPORATION

(21) 11202309588U

(22) 15/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) SUBSTITUTED PYRIMIDINYL-PYRAZOLES AS CDK2 INHIBITORS

(31) 63/211,426	(32) 16/06/2021	(33) US
(31) 63/327,474	(32) 05/04/2022	(33) US
(86) PCT/US2022/033576	(87) WO/2022/266190	

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM

(21) 10202303608P	(22) 21/05/2020	
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(54) RADIOTHERAPEUTIC MICROSPHERES

(31) 62/851,915	(32) 23/05/2019	(33) US
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(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM

(21) 11202309924Q	(22) 08/07/2022	
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(54) CHIMERIC ANTIGEN RECEPTOR TO TARGET TROP-2-POSITIVE CANCERS

(31) 63/220,283	(32) 09/07/2021	(33) US
(86) PCT/US2022/073566	(87) WO/2023/283644	

(71) BOLT BIOTHERAPEUTICS, INC.

(21) 11202309610Y	(22) 24/06/2022	
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(54) BIS-BENZIMIDAZOLE STING AGONIST IMMUNOCONJUGATES, AND USES THEREOF

(31) 63/215,100	(32) 25/06/2021	(33) US
(86) PCT/US2022/034865	(87) WO/2022/272039	

(71) BOREALIS AG

(21) 11202309392U	(22) 23/06/2022	
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(54) UTILIZATION OF 1-HEXENE IN MULTI-STAGE POLYOLEFIN PRODUCTION

(31) 21181475.1	(32) 24/06/2021	(33) EP
(86) PCT/EP2022/067184	(87) WO/2022/268960	

(71) BOREALIS AG

(21) 11202309391W	(22) 23/06/2022	
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(54) PROCESS FOR POLYMERISING OLEFINS HAVING NARROW PARTICLE SIZE DISTRIBUTION

(31) 21181478.5	(32) 24/06/2021	(33) EP
(86) PCT/EP2022/067185	(87) WO/2022/268961	

(71) BOREALIS AG

(21) 11202309507X	(22) 23/06/2022	
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(54) PROCESS FOR PRODUCING POLYETHYLENE POLYMERS

(31) 21181482.7	(32) 24/06/2021	(33) EP
(86) PCT/EP2022/067176	(87) WO/2022/268953	

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(71) BP CORPORATION NORTH AMERICA INC.

(21) 11202309604R

(22) 29/06/2022

(54) CO-PROCESSING OF RENEWABLE FEEDSTOCKS IN PETROLEUM PROCESSING

(31) 63/216,896

(32) 30/06/2021

(33) US

(86) PCT/US2022/035459

(87) WO/2023/278531

(71) BP CORPORATION NORTH AMERICA, INC.

(21) 11202309619U

(22) 29/06/2022

(54) REMOVAL OF ORGANIC CHLORIDES FROM RENEWABLE FEEDSTOCKS

(31) 63/216,882

(32) 30/06/2021

(33) US

(86) PCT/US2022/035458

(87) WO/2023/278530

(71) BREX INC.

(21) 11202309416T

(22) 15/06/2022

(54) AUTOMATIC ADJUSTMENT OF LIMITS BASED ON MACHINE LEARNING FORECASTING

(31) 63/217,182

(32) 30/06/2021

(33) US

(31) 17/560,114

(32) 22/12/2021

(33) US

(86) PCT/US2022/033679

(87) WO/2023/278160

(71) BREX INC.

(21) 11202309418V

(22) 15/06/2022

(54) AUTOMATIC DATA ENTRY FOR FORM DATA STRUCTURES USING APPLICATION PROGRAMMING INTERFACES

(31) 17/364,215

(32) 30/06/2021

(33) US

(86) PCT/US2022/033681

(87) WO/2023/278161

(71) BRIGGS AND RILEY TRAVELWARE, LLC

(21) 11202309688R

(22) 16/08/2022

(54) SHOCK ABSORBING LUGGAGE WHEEL

(31) 63/234,021

(32) 17/08/2021

(33) US

(86) PCT/US2022/040387

(87) WO/2023/023003

(71) BRISTOL-MYERS SQUIBB COMPANY

(21) 11202309355P

(22) 23/06/2022

(54) TRANSFORMING GROWTH FACTOR-BETA LIGAND TRAPS FOR THE TREATMENT OF DISEASE

(31) 63/214,588

(32) 24/06/2021

(33) US

(31) 63/214,585

(32) 24/06/2021

(33) US

(86) PCT/US2022/034671

(87) WO/2022/271915

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) BTL MEDICAL DEVELOPMENT A.S.

(21) 11202309641Y (22) 05/07/2022
(54) PULSED FIELD ABLATION DEVICE AND METHOD
(31) 63/218,563 (32) 06/07/2021 (33) US
(31) 63/249,965 (32) 29/09/2021 (33) US
(31) PCT/IB2022/000189 (32) 06/04/2022 (33) IB
(86) PCT/EP2022/068537 (87) WO/2023/280822

(71) BYONDIS B.V.

(21) 11202309119T (22) 28/06/2022
(54) CONJUGATES COMPRISING PHOSPHOANTIGENS AND THEIR USE IN THERAPY
(31) 21182160.8 (32) 28/06/2021 (33) EP
(86) PCT/EP2022/067693 (87) WO/2023/275025

(71) BenQ Materials Corporation

(21) 10202303361Y (22) 28/11/2023
(54) HIGH TEMPERATURE RESISTANT SEPARATOR
(31) 112130236 (32) 11/08/2023 (33) TW

(71) Bodyfriend Co., Ltd.

(21) 11202309004P (22) 05/08/2022
(54) MASSAGE DEVICE INCLUDING IMPROVED INDEPENDENT-MOTION LEG MASSAGE PART
(31) 10-2022-0067897 (32) 03/06/2022 (33) KR
(31) 10-2022-0087300 (32) 15/07/2022 (33) KR
(86) PCT/KR2022/011703 (87) WO/2023/234472

(71) Bristol-Myers Squibb Company

(21) 10202303531R (22) 02/11/2017
(54) BISPECIFIC ANTIBODY AGAINST BCMA AND CD3 AND AN IMMUNOLOGICAL DRUG FOR
COMBINED USE IN TREATING MULTIPLE MYELOMA
(31) 16196874.8 (32) 02/11/2016 (33) EP

(71) ByHeart, Inc.

(21) 10202303394R (22) 30/11/2018
(54) FORMULATIONS FOR NUTRITIONAL SUPPORT IN SUBJECTS IN NEED THEREOF
(31) 15/829,703 (32) 01/12/2017 (33) US

(71) BÜHLER AG

(21) 11202309637W (22) 17/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) METHOD AND SYSTEM FOR THE IDENTIFICATION OF OPTIMIZED TREATMENT CONDITIONS FOR TREATING CELLS WITH ELECTRIC PULSES

(31) 21180081.8 (32) 17/06/2021 (33) EP
(86) PCT/EP2022/066600 (87) WO/2022/263650

(71) CAMBRIDGE ENTERPRISE LIMITED

(21) 11202309894U (22) 30/06/2022
(54) METHODS FOR DETECTING MODIFIED NUCLEOTIDES
(31) 2109469.3 (32) 30/06/2021 (33) GB
(86) PCT/EP2022/068096 (87) WO/2023/275268

(71) CANON KABUSHIKI KAISHA

(21) 11202309395X (22) 24/05/2022
(54) COMMUNICATION DEVICE, COMMUNICATION METHOD, AND PROGRAM
(31) 2021-096515 (32) 09/06/2021 (33) JP
(31) 2022-073892 (32) 27/04/2022 (33) JP
(86) PCT/JP2022/021202 (87) WO/2022/259856

(71) CAPITAL ONE SERVICES, LLC

(21) 11202309658U (22) 15/06/2022
(54) SYSTEMS AND METHODS FOR CONTACTLESS CARD COMMUNICATION AND KEY PAIR CRYPTOGRAPHIC AUTHENTICATION USING DISTRIBUTED STORAGE
(31) 17/352,143 (32) 18/06/2021 (33) US
(86) PCT/US2022/033593 (87) WO/2022/266199

(71) CAPITAL ONE SERVICES, LLC

(21) 11202309684Y (22) 16/06/2022
(54) SYSTEMS AND METHODS FOR CONTACTLESS CARD COMMUNICATION AND MULTI-DEVICE KEY PAIR CRYPTOGRAPHIC AUTHENTICATION
(31) 17/352,181 (32) 18/06/2021 (33) US
(86) PCT/US2022/033724 (87) WO/2022/266283

(71) CAPITAL ONE SERVICES, LLC

(21) 11202309813T (22) 16/06/2022
(54) SYSTEMS AND METHODS FOR SCALABLE CRYPTOGRAPHIC AUTHENTICATION OF CONTACTLESS CARDS
(31) 17/353,556 (32) 21/06/2021 (33) US
(86) PCT/US2022/033729 (87) WO/2022/271519

(71) CAPITAL ONE SERVICES, LLC

(21) 11202309871Y (22) 24/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) CRYPTOGRAPHIC AUTHENTICATION TO CONTROL ACCESS TO STORAGE DEVICES

(31) 17/358,473 (32) 25/06/2021 (33) US
(86) PCT/US2022/034863 (87) WO/2022/272038

(71) CAPITAL ONE SERVICES, LLC.

(21) 11202309519W (22) 04/04/2022

(54) SERVER-SIDE REDIRECT OF UNIFORM RESOURCE LOCATOR GENERATED BY CONTACTLESS CARD

(31) 17/359,220 (32) 25/06/2021 (33) US
(86) PCT/US2022/023257 (87) WO/2022/271252

(71) CARGILL, INCORPORATED

(21) 11202309864W (22) 21/06/2022

(54) SYSTEMS AND METHODS FOR OPERATING MODULAR FOOD LOCKERS

(31) 63/213,402 (32) 22/06/2021 (33) US
(86) PCT/US2022/073053 (87) WO/2022/272242

(71) CASIO COMPUTER CO., LTD.

(21) 11202309124S (22) 15/06/2022

(54) ELECTRONIC DEVICE

(31) 2021-133405 (32) 18/08/2021 (33) JP
(86) PCT/JP2022/023978 (87) WO/2023/021828

(71) CASIO COMPUTER CO., LTD.

(21) 11202309127P (22) 10/02/2023

(54) ELECTRONIC DEVICE

(31) 2022-041402 (32) 16/03/2022 (33) JP
(86) PCT/JP2023/004588 (87) WO/2023/176230

(71) CEDILLA THERAPEUTICS, INC.

(21) 11202309906X (22) 24/06/2022

(54) CDK2 INHIBITORS AND METHODS OF USING THE SAME

(31) 63/202,844 (32) 26/06/2021 (33) US
(86) PCT/US2022/034963 (87) WO/2022/272106

(71) CELGENE CORPORATION

(21) 11202308494T (22) 15/06/2022

(54) AZETIDINYL COMPOUNDS COMPRISING A CARBOXYLIC ACID GROUP FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

(31) 63/211,313 (32) 16/06/2021 (33) US
(86) PCT/US2022/033523 (87) WO/2022/266162

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) CELGENE CORPORATION

(21) 11202308750P

(22) 17/06/2022

(54) PROCESSES FOR THE PREPARATION OF (S)-2-(2,6-DIOXOPIPERIDIN-3-YL)-4-((2-FLUORO-4-((3-MORPHOLINOAZETIDIN-1-YL) METHYL)BENZYL) AMINO)ISOINDOLINE-1,3-DIONE

(31) 63/213,043

(32) 21/06/2021

(33) US

(86) PCT/US2022/034028

(87) WO/2022/271557

(71) CELULARITY, INC.

(21) 10202303201P

(22) 16/11/2018

(54) CULTIVATION OF PLACENTA TO ISOLATE EXOSOMES

(31) 62/587,335

(32) 16/11/2017

(33) US

(71) CENTRO DE INMUNOLOGÍA MOLECULAR

(21) 11202309583V

(22) 06/06/2022

(54) USE OF MONOCLONAL ANTIBODIES AGAINST THE EPIDERMAL GROWTH FACTOR RECEPTOR IN THE TREATMENT OF PATIENTS WITH ACUTE HYPOXAEMIC RESPIRATORY FAILURE

(31) 2021-0046

(32) 14/06/2021

(33) CU

(86) PCT/CU2022/050006

(87) WO/2022/262879

(71) CHANGXIN MEMORY TECHNOLOGIES, INC

(21) 11202308846P

(22) 30/06/2022

(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR FORMING SAME

(31) 202210686849.3

(32) 16/06/2022

(33) CN

(86) PCT/CN2022/103007

(87) WO/2023/240704

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202251954C

(22) 09/06/2022

(54) SEMICONDUCTOR STRUCTURE

(31) 202210599310.4

(32) 30/05/2022

(33) CN

(86) PCT/CN2022/097891

(87) WO/2023/231065

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202252660A

(22) 10/06/2022

(54) SEMICONDUCTOR STRUCTURE AND MANUFACTURING METHOD THEREOF

(31) 202210598976.8

(32) 30/05/2022

(33) CN

(86) PCT/CN2022/098145

(87) WO/2023/231075

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202252807Q

(22) 08/07/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) DATA RECEIVING CIRCUIT, DATA RECEIVING SYSTEM AND STORAGE APPARATUS

(31) 202210726636.9 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/104758 (87) WO/2023/245750

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202252976J (22) 04/07/2022

(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SAME, MEMORY AND OPERATION METHOD THEREOF

(31) 202210728734.6 (32) 24/06/2022 (33) CN
(86) PCT/CN2022/103663 (87) WO/2023/245728

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202253036B (22) 28/06/2022

(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SAME, AND MEMORY

(31) 202210708950.4 (32) 21/06/2022 (33) CN
(86) PCT/CN2022/101831 (87) WO/2023/245695

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202254025E (22) 12/07/2022

(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SAME

(31) 202210726332.2 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/105152 (87) WO/2023/245760

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202254033C (22) 23/06/2022

(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SEMICONDUCTOR STRUCTURE

(31) 202210664897.2 (32) 13/06/2022 (33) CN
(86) PCT/CN2022/100923 (87) WO/2023/240673

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202254035H (22) 13/06/2022

(54) PACKAGE STRUCTURE, PACKAGING METHOD AND SEMICONDUCTOR DEVICE

(31) 202210621408.5 (32) 01/06/2022 (33) CN
(86) PCT/CN2022/098437 (87) WO/2023/231080

(71) CHANGXIN MEMORY TECHNOLOGIES, INC.

(21) 11202254066F (22) 30/06/2022

(54) SEMICONDUCTOR STRUCTURE AND FORMING METHOD THEREOF

(31) 202210706322.2 (32) 21/06/2022 (33) CN

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

- (86) PCT/CN2022/102860 (87) WO/2023/245716
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254070N (22) 04/07/2022
- (54) IMPEDANCE CALIBRATION CIRCUIT, IMPEDANCE CALIBRATION METHOD, AND MEMORY
(31) 202210714132.5 (32) 22/06/2022 (33) CN
(86) PCT/CN2022/103676 (87) WO/2023/245729
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254501Y (22) 17/06/2022
- (54) SEMICONDUCTOR STRUCTURE AND METHOD FOR PREPARING SAME
(31) 202210634400.2 (32) 07/06/2022 (33) CN
(86) PCT/CN2022/099412 (87) WO/2023/236243
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254515Y (22) 28/06/2022
- (54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING THE SAME, AND MEMORY
(31) 202210708966.5 (32) 21/06/2022 (33) CN
(86) PCT/CN2022/101898 (87) WO/2023/245697
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254521U (22) 12/07/2022
- (54) DATA RECEIVING CIRCUIT, DATA RECEIVING SYSTEM AND STORAGE DEVICE
(31) 202210726556.3 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/105291 (87) WO/2023/245765
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254651X (22) 08/07/2022
- (54) WORD-LINE DRIVE CIRCUIT, WORD-LINE DRIVER AND STORAGE DEVICE
(31) 202210731404.2 (32) 24/06/2022 (33) CN
(86) PCT/CN2022/104750 (87) WO/2023/245746
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202254803W (22) 08/07/2022
- (54) WORD LINE DRIVER AND MEMORY DEVICE
(31) 202210730432.2 (32) 24/06/2022 (33) CN
(86) PCT/CN2022/104755 (87) WO/2023/245747
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.

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- (21) 11202260141U (22) 08/07/2022
(54) DATA RECEIVING CIRCUIT, DATA RECEIVING SYSTEM AND MEMORY DEVICE
(31) 202210726628.4 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/104757 (87) WO/2023/245749
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202260270Y (22) 01/08/2022
(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SEMICONDUCTOR
STRUCTURE, MEMORY CHIP AND ELECTRONIC DEVICE
(31) 202210723121.3 (32) 21/06/2022 (33) CN
(86) PCT/CN2022/109539 (87) WO/2023/245818
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202260365W (22) 21/07/2022
(54) REFRESH CONTROL CIRCUIT AND METHOD, AND MEMORY
(31) 202210724803.6 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/107097 (87) WO/2023/245792
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202300072Y (22) 01/08/2022
(54) SEMICONDUCTOR STRUCTURE AND MANUFACTURING METHOD THEREOF, MEMORY CHIP
AND ELECTRONIC DEVICE
(31) 202210709274.2 (32) 21/06/2022 (33) CN
(86) PCT/CN2022/109526 (87) WO/2023/245817
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202300155P (22) 29/06/2022
(54) PACKAGE STRUCTURE AND METHOD FOR MANUFACTURING SAME, SEMICONDUCTOR
DEVICE
(31) 202210619084.1 (32) 01/06/2022 (33) CN
(86) PCT/CN2022/102515 (87) WO/2023/231122
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202301087P (22) 08/07/2022
(54) DATA RECEIVING CIRCUIT, DATA RECEIVING SYSTEM AND MEMORY DEVICE
(31) 202210726620.8 (32) 23/06/2022 (33) CN
(86) PCT/CN2022/104759 (87) WO/2023/245751
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202302626S (22) 09/08/2022
(54) RECEIVING CIRCUIT AND MEMORY
(31) 202210623097.6 (32) 01/06/2022 (33) CN

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- (86) PCT/CN2022/111185 (87) WO/2023/231177
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202304680W (22) 14/07/2022
(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR FORMING SAME
(31) 202210729634.5 (32) 24/06/2022 (33) CN
(86) PCT/CN2022/105642 (87) WO/2023/245772
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202308763Q (22) 12/07/2022
(54) SEMICONDUCTOR STRUCTURE, METHOD FOR FORMING SAME AND LAYOUT STRUCTURE
(31) 202210730342.3 (32) 24/06/2022 (33) CN
(86) PCT/CN2022/105094 (87) WO/2023/245755
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202308775P (22) 08/06/2022
(54) SEMICONDUCTOR STRUCTURE AND MANUFACTURING METHOD THEREOF
(31) 202210610515.8 (32) 31/05/2022 (33) CN
(86) PCT/CN2022/097528 (87) WO/2023/231059
- (71) CHANGXIN MEMORY TECHNOLOGIES, INC.
(21) 11202309081V (22) 26/01/2022
(54) SEMICONDUCTOR STRUCTURE AND METHOD FOR MANUFACTURING SAME
(31) 202111243341.8 (32) 25/10/2021 (33) CN
(86) PCT/CN2022/074019 (87) WO/2023/070977
- (71) CHASE THERAPEUTICS CORPORATION
(21) 11202309640X (22) 15/06/2022
(54) DIAGNOSTIC INDICES FOR NEURODEGENERATIVE CONDITIONS
(31) 63/210,939 (32) 15/06/2021 (33) US
(86) PCT/US2022/033517 (87) WO/2022/266160
- (71) CHEN, Shih-Hsiung
(21) 10202303409Q (22) 01/12/2023
(54) SEESAW-TYPE HYDROELECTRIC POWER GENERATION DEVICE
(31) 111147962 (32) 14/12/2022 (33) TW
- (71) CHEVRON ORONITE COMPANY LLC
(21) 11202309403Y (22) 09/06/2022
(54) AMINE-BOOSTED DETERGENT

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- (31) 63/209,097 (32) 10/06/2021 (33) US
(86) PCT/IB2022/055364 (87) WO/2022/259193
- (71) CHEVRON U.S.A. INC.
(21) 11202309708P (22) 16/05/2022
(54) HIGHLY STRUCTURED, HIGH VINYLIDENE PROPYLENE OLIGOMER AND METHOD OF MAKING
(31) 63/189,585 (32) 17/05/2021 (33) US
(86) PCT/US2022/029364 (87) WO/2022/245688
- (71) CHEVRON U.S.A. INC.
(21) 11202309741W (22) 20/07/2022
(54) CO-PROCESSING OF WASTE PLASTIC PYROLYSIS OILS AND BIORENEWABLE FFEDSTOCKS
(31) 63/236,758 (32) 25/08/2021 (33) US
(86) PCT/IB2022/056693 (87) WO/2023/026111
- (71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(21) 11202309405R (22) 17/06/2022
(54) ANTI-IL-36R ANTIBODY AND USE THEREOF
(31) 202110675925.6 (32) 18/06/2021 (33) CN
(86) PCT/CN2022/099294 (87) WO/2022/262828
- (71) CHINA MOBILE IOT COMPANY LIMITED;CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
(21) 11202309666X (22) 25/11/2022
(54) NETWORK DISTRIBUTION METHOD AND APPARATUS FOR DUAL-MODE INTERNET-OF-THINGS DEVICE, AND STORAGE MEDIUM
(31) 202210386928.2 (32) 13/04/2022 (33) CN
(86) PCT/CN2022/134482 (87) WO/2023/197610
- (71) CHINA MOBILE IOT COMPANY LIMITED;CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
(21) 11202309340W (22) 25/11/2022
(54) METHOD AND APPARATUS FOR PROCESSING INFORMATION, AND STORAGE MEDIUM
(31) 202210635508.3 (32) 06/06/2022 (33) CN
(86) PCT/CN2022/134481 (87) WO/2023/236457
- (71) CHIYODA CORPORATION
(21) 11202309374V (22) 15/06/2022
(54) INFORMATION PROVISION SYSTEM, INFORMATION PROVISION DEVICE, AND INFORMATION PROVISION PROGRAM

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(86) PCT/JP2022/023910 (87) WO/2022/265035

(71) CHIYODA CORPORATION

(21) 11202309375Q (22) 08/06/2022
(54) FLUID STATE ESTIMATING SYSTEM, TRAINING DEVICE, TRAINING PROGRAM,
ESTIMATING DEVICE, AND ESTIMATING PROGRAM
(31) PCT/JP2021/021900 (32) 09/06/2021 (33) JP
(86) PCT/JP2022/023180 (87) WO/2022/260099

(71) CHOI, Moonkwon

(21) 11202309345U (22) 10/03/2022
(54) TABLE FOR CARD GAME AND GAME METHOD USING SAME
(31) 10-2021-0189832 (32) 28/12/2021 (33) KR
(86) PCT/KR2022/003343 (87) WO/2023/128056

(71) CHORUS, LLC; RADER, Richard, S.; HEATER, Kenneth, J.; DESABATO, Raymond; LORCH, Daniel,
P.; LEWIS, Adriane, L.; WELLS, Timothy N.

(21) 11202309310P (22) 08/12/2021
(54) SYSTEMS, METHODS, AND APPARATUSES FOR DISINFECTION AND DECONTAMINATION
(31) PCT/US2021/036501 (32) 08/06/2021 (33) US
(86) PCT/US2021/062496 (87) WO/2022/260702

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA

(21) 11202309335W (22) 08/06/2022
(54) METHOD FOR PRODUCING DIHYDROPYRIDAZINE-3,5-DIONE DERIVATIVE
(31) 2021-096200 (32) 08/06/2021 (33) JP
(86) PCT/JP2022/023068 (87) WO/2022/260062

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA

(21) 11202309368W (22) 08/06/2022
(54) FORMULATION CONTAINING DIHYDROPYRIDAZINE-3,5-DIONE DERIVATIVE
(31) 2021-096206 (32) 08/06/2021 (33) JP
(86) PCT/JP2022/023076 (87) WO/2022/260064

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA

(21) 11202309896X (22) 24/06/2022
(54) ANTI-CTLA-4 ANTIBODY
(31) 2021-105804 (32) 25/06/2021 (33) JP
(86) PCT/JP2022/025220 (87) WO/2022/270611

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(71) CINCOR PHARMA, INC.

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(54) METHODS OF USING ALDOSTERONE SYNTHASE INHIBITORS
(31) 63/214,521 (32) 24/06/2021 (33) US
(31) 63/290,364 (32) 16/12/2021 (33) US
(86) PCT/US2022/073148 (87) WO/2022/272300

(71) CIXI SHUANGWEI ROAD FACILITIES CO., LTD.

(21) 11202309445Y (22) 17/08/2021
(54) LIGHT-EMITTING TRAFFIC CONE
(31) 202121345086.3 (32) 17/06/2021 (33) CN
(86) PCT/CN2021/112961 (87) WO/2022/262107

(71) CJ CHEILJEDANG CORPORATION

(21) 11202309138W (22) 07/06/2022
(54) SUPEROXIDE DISMUTASE 1 VARIANT AND METHOD FOR PRODUCING GLUTATHIONE OR
DERIVATIVE THEREOF, USING SAME
(31) 10-2021-0075689 (32) 10/06/2021 (33) KR
(86) PCT/KR2022/008016 (87) WO/2022/260403

(71) CJ CHEILJEDANG CORPORATION

(21) 11202309447V (22) 09/06/2022
(54) GERANYLGERANYL PYROPHOSPHATE SYNTHASE VARIANT AND METHOD OF PRODUCING
TETRATERPENE, PRECURSOR THEREOF, AND MATERIAL HAVING TETRATERPENE AS
PRECURSOR USING THE SAME
(31) 10-2021-0074819 (32) 09/06/2021 (33) KR
(86) PCT/KR2022/008156 (87) WO/2022/260455

(71) CJ CHEILJEDANG CORPORATION

(21) 11202309494V (22) 31/03/2022
(54) STRAIN FOR PRODUCING HIGHLY CONCENTRATED L-GLUTAMIC ACID, AND L-GLUTAMIC
ACID PRODUCTION METHOD USING SAME
(31) 10-2021-0085738 (32) 30/06/2021 (33) KR
(86) PCT/KR2022/004562 (87) WO/2023/277307

(71) CLARIANT INTERNATIONAL LTD

(21) 11202309315Y (22) 27/06/2022
(54) SUSTAINABLY PRODUCED DIALKYLPHOSPHINIC SALTS
(31) 21184297.6 (32) 07/07/2021 (33) EP
(86) PCT/EP2022/067572 (87) WO/2023/280613

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(71) COAGULO MEDICAL TECHNOLOGIES, INC.

(21) 11202309482T (22) 09/06/2022

(54) MICROCHANNELS WITH ELECTRODE SENSORS

(31) 63/209,728 (32) 11/06/2021 (33) US

(86) PCT/US2022/032914 (87) WO/2022/261379

(71) CODAGENIX INC.; SERUM INSTITUTE OF INDIA PRIVATE LIMITED

(21) 11202309972V (22) 30/06/2022

(54) DEOPTIMIZED SARS-COV-2 VARIANTS AND METHODS AND USES THEREOF

(31) 63/219,263 (32) 07/07/2021 (33) US

(86) PCT/US2022/035824 (87) WO/2023/283106

(71) COHERENT BIOPHARMA (SUZHOU) , LIMITED

(21) 11202309806Q (22) 24/06/2022

(54) LIGAND-DRUG CONJUGATE AND USE THEREOF

(31) PCT/CN2021/102377 (32) 25/06/2021 (33) CN

(86) PCT/CN2022/101108 (87) WO/2022/268202

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

(21) 11202309699X (22) 17/06/2022

(54) SYNTHESIS OF HALOGENATED ALKOXYETHANE

(31) 2021901842 (32) 18/06/2021 (33) AU

(86) PCT/AU2022/050616 (87) WO/2022/261727

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

(21) 11202309701T (22) 17/06/2022

(54) PURIFICATION PROCESS

(31) 2021901845 (32) 18/06/2021 (33) AU

(86) PCT/AU2022/050617 (87) WO/2022/261728

(71) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

(21) 11202309160R (22) 08/06/2022

(54) METHOD FOR PREPARING A NATURAL RUBBER

(31) FR2106983 (32) 29/06/2021 (33) FR

(86) PCT/FR2022/051081 (87) WO/2023/275450

(71) CONTI INNOVATION CENTER, LLC

(21) 11202309643U (22) 15/06/2022

(54) MECHANICALLY STACKED SOLAR TRANSMISSIVE CELLS OR MODULES

(31) 63/211,263 (32) 16/06/2021 (33) US

(86) PCT/US2022/033603 (87) WO/2022/266207

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(71) COOPERVISION INTERNATIONAL LIMITED

(21) 11202309602W

(22) 27/07/2022

(54) FILMS HAVING GRIN ELEMENTS FOR APPLICATION TO SPECTACLES OR OTHER OPHTHALMIC LENSES

(31) 63/227,373

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(33) US

(86) PCT/GB2022/051975

(87) WO/2023/007158

(71) COOPERVISION INTERNATIONAL LIMITED

(21) 11202309607U

(22) 27/07/2022

(54) OPHTHALMIC LENSES HAVING A PHOTOPOLYMER LAYER WITH GRIN ELEMENTS

(31) 63/227,381

(32) 30/07/2021

(33) US

(86) PCT/GB2022/051976

(87) WO/2023/007159

(71) COOPERVISION INTERNATIONAL LIMITED

(21) 11202309732W

(22) 13/04/2022

(54) ACQUIRING AND INSPECTING IMAGES OF OPHTHALMIC LENSES

(31) 63/226,419

(32) 28/07/2021

(33) US

(86) PCT/GB2022/050932

(87) WO/2023/007110

(71) CORNELL UNIVERSITY

(21) 10202303278W

(22) 22/06/2017

(54) DOUBLE TARGETED CONSTRUCTS TO AFFECT TUMOR KILL

(31) 62/353,735

(32) 23/06/2016

(33) US

(71) CRRC QINGDAO SIFANG CO., LTD.

(21) 11202309951U

(22) 05/01/2022

(54) CHASSIS EDGE BEAM, CHASSIS STRUCTURE AND RAIL VEHICLE

(31) 202110723037.7

(32) 28/06/2021

(33) CN

(86) PCT/CN2022/070217

(87) WO/2023/273286

(71) CRRC ZHUZHOU LOCOMOTIVE CO., LTD.

(21) 11202309231T

(22) 05/01/2022

(54) ROOF STRUCTURE OF RAILWAY VEHICLE

(31) 202110642961.2

(32) 09/06/2021

(33) CN

(86) PCT/CN2022/070261

(87) WO/2022/257445

(71) CRRC ZHUZHOU LOCOMOTIVE CO., LTD.

(21) 11202309777V

(22) 23/11/2021

(54) CHASSIS WIRING METHOD AND STRUCTURE FOR URBAN RAIL VEHICLE

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(86) PCT/CN2021/132355	(87) WO/2022/267323	

(71) CS GENETICS LIMITED

(21) 11202309379U	(22) 17/06/2022	
(54) REAGENTS AND METHODS FOR MOLECULAR BARCODING		
(31) 2108841.4	(32) 18/06/2021	(33) GB
(31) 2118477.5	(32) 17/12/2021	(33) GB
(86) PCT/GB2022/051541	(87) WO/2022/263846	

(71) CSO CO. LTD.

(21) 11202309690V	(22) 17/06/2022	
(54) DIOPTRIC TELESCOPE FOR HIGH RESOLUTION IMAGING IN VISIBLE AND INFRARED BANDS		
(31) 17/356,348	(32) 23/06/2021	(33) US
(86) PCT/US2022/033968	(87) WO/2022/271546	

(71) CUREVAC SE

(21) 11202310053T	(22) 02/09/2022	
(54) NOVEL LIPID NANOPARTICLES FOR DELIVERY OF NUCLEIC ACIDS COMPRISING PHOSPHATIDYLSERINE		
(31) PCT/EP2021/074342	(32) 03/09/2021	(33) EP
(86) PCT/EP2022/074435	(87) WO/2023/031392	

(71) CYBER-RIDGE LTD.

(21) 10202303596S	(22) 21/12/2023	
(54) Synchronization of mode-locked lasers		
(31) 63/435,559	(32) 28/12/2022	(33) US
(31) 18/464,282	(32) 11/09/2023	(33) US

(71) CYTUNE PHARMA; SOTIO BIOTECH A.S.

(21) 11202308780Y	(22) 23/06/2022	
(54) INTERLEUKIN 15 VARIANTS		
(31) 21181261.5	(32) 23/06/2021	(33) EP
(86) PCT/EP2022/067253	(87) WO/2022/268991	

(71) CYTUNE PHARMA; SOTIO BIOTECH A.S.

(21) 11202308813S	(22) 23/06/2022	
(54) INTERLEUKIN-15 BASED IMMUNOCYTOKINES		
(31) 21181271.4	(32) 23/06/2021	(33) EP
(31) 22163748.1	(32) 23/03/2022	(33) EP

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- (71) Continental Automotive Technologies GmbH; NANYANG TECHNOLOGICAL UNIVERSITY
 (21) 10202303449W (22) 07/12/2023
 (54) DFT-Chirp-S-OFDM for Uplink High Mobility Communications
- (71) D3 BIO (WUXI) CO., LTD.
 (21) 11202310028Y (22) 24/06/2022
 (54) DIMETHYL-SUBSTITUTED THIAZOLOLACTAM COMPOUND AND USE THEREOF
 (31) 202110723288.5 (32) 28/06/2021 (33) CN
 (31) 202111669920.9 (32) 31/12/2021 (33) CN
 (31) 202210693547.9 (32) 17/06/2022 (33) CN
 (86) PCT/CN2022/101283 (87) WO/2023/274088
- (71) DAEWOONG PHARMACEUTICAL CO., LTD.
 (21) 11202309457Y (22) 22/07/2022
 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING SYSTEMIC SCLEROSIS
 (31) 10-2021-0097163 (32) 23/07/2021 (33) KR
 (86) PCT/KR2022/010751 (87) WO/2023/003416
- (71) DAIFUKU CO., LTD.
 (21) 10202303474Q (22) 11/12/2023
 (54) ARTICLE TRANSPORT FACILITY
 (31) 2022-198691 (32) 13/12/2022 (33) JP
- (71) DAIKIN INDUSTRIES, LTD.
 (21) 11202309257X (22) 01/06/2022
 (54) HUMIDIFIER
 (31) 2021-093737 (32) 03/06/2021 (33) JP
 (86) PCT/JP2022/022334 (87) WO/2022/255410
- (71) DEBIOPHARM INTERNATIONAL S.A.
 (21) 11202309725T (22) 22/06/2022
 (54) NOVEL COMPOUNDS AND THEIR USE
 (31) 21181117.9 (32) 23/06/2021 (33) EP
 (86) PCT/EP2022/067039 (87) WO/2022/268890
- (71) DEMATIC GMBH
 (21) 11202309034W (22) 18/05/2022

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(54) SORTING SYSTEM AND METHOD FOR OPERATING SAME

(31) 10 2021 113 886.8 (32) 28/05/2021 (33) DE
(86) PCT/EP2022/063431 (87) WO/2022/248306

(71) DENALI THERAPEUTICS INC.

(21) 11202309220Q (22) 01/07/2022
(54) OLIGONUCLEOTIDE CONJUGATES TARGETED TO THE TRANSFERRIN RECEPTOR
(31) 63/217,743 (32) 01/07/2021 (33) US
(31) 63/298,193 (32) 10/01/2022 (33) US
(31) 63/333,449 (32) 21/04/2022 (33) US
(86) PCT/US2022/073377 (87) WO/2023/279099

(71) DEUTSCHE TELEKOM AG

(21) 11202309347X (22) 14/07/2022
(54) METHOD FOR TRAFFIC MANAGEMENT IN A WIRELESS NETWORK SYSTEM
(31) 21185815.4 (32) 15/07/2021 (33) EP
(86) PCT/EP2022/069781 (87) WO/2023/285612

(71) DISCGENICS, INC.

(21) 11202309510X (22) 15/06/2022
(54) NOVEL METHODS FOR PRODUCTION OF THERAPEUTIC MAMMALIAN CELLS AND CELL SPHERES AND COMPOSITIONS OF SAME
(31) 63/210,859 (32) 15/06/2021 (33) US
(31) 63/219,067 (32) 07/07/2021 (33) US
(86) PCT/US2022/033688 (87) WO/2022/266262

(71) DISCO CORPORATION

(21) 10202303291X (22) 21/11/2023
(54) WAFER PROCESSING APPARATUS
(31) 2022-190007 (32) 29/11/2022 (33) JP

(71) DISCO CORPORATION

(21) 10202303529P (22) 15/12/2023
(54) WORKPIECE GRINDING METHOD
(31) 2023-001789 (32) 10/01/2023 (33) JP

(71) DISCO CORPORATION

(21) 10202303574V (22) 20/12/2023
(54) CUTTING BLADE
(31) 2023-002402 (32) 11/01/2023 (33) JP

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(71) DISCO CORPORATION

(21) 10202303601T

(22) 22/12/2023

(54) GRINDING APPARATUS AND GRINDING METHOD

(31) 2023-005257

(32) 17/01/2023

(33) JP

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202309318T

(22) 24/06/2022

(54) PLATE GRID DISTRIBUTORS AND METHODS OF USING THE SAME

(31) 63/216,778

(32) 30/06/2021

(33) US

(86) PCT/US2022/034847

(87) WO/2023/278260

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202309322X

(22) 24/06/2022

(54) CHEMICAL PROCESSING VESSELS HAVING PLATE GRID DISTRIBUTORS AND METHODS OF OPERATING THE SAME

(31) 63/216,786

(32) 30/06/2021

(33) US

(86) PCT/US2022/034844

(87) WO/2023/278259

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202309326V

(22) 30/06/2021

(54) OLEFIN-BASED POLYMER COMPOSITIONS WITH IMPROVED CURE

(86) PCT/CN2021/103385

(87) WO/2023/272544

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202309426Q

(22) 24/06/2022

(54) PLATE GRID DISTRIBUTORS AND METHODS OF USING THE SAME

(31) 63/216,768

(32) 30/06/2021

(33) US

(86) PCT/US2022/034843

(87) WO/2023/278258

(71) DOWA ECO SYSTEM CO., LTD.; AKITA UNIVERSITY

(21) 11202309029R

(22) 16/06/2022

(54) RECYCLED CATHODE MATERIAL PRECURSOR, RECYCLED CATHODE MATERIAL, METHOD FOR MANUFACTURING THEM, AND RECYCLED LITHIUM ION SECONDARY BATTERY

(31) 2021-105006

(32) 24/06/2021

(33) JP

(31) 2022-096151

(32) 15/06/2022

(33) JP

(86) PCT/JP2022/024041

(87) WO/2022/270393

(71) DR OPHELIA LIMITED

(21) 11202309940S

(22) 04/07/2022

(54) FORMULATION FOR INCREASING HAIR GROWTH AND REDUCING HAIR THINNING

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(31) 2109592.2	(32) 02/07/2021	(33) GB
(86) PCT/GB2022/051720	(87) WO/2023/275571	
(71) DYNE THERAPEUTICS, INC.		
(21) 10202303546T	(22) 30/12/2021	
(54) MUSCLE TARGETING COMPLEXES AND USES THEREOF FOR TREATING MYOTONIC DYSTROPHY		
(31) 63/133,013	(32) 31/12/2020	(33) US
(31) 63/179,100	(32) 23/04/2021	(33) US
(31) 63/245,262	(32) 17/09/2021	(33) US
(71) Daimatu inc.		
(21) 10202303388T	(22) 30/11/2023	
(54) FOOTWEAR		
(31) 2023-14517	(32) 02/02/2023	(33) JP
(71) David Htun @ Kyi Htun		
(21) 10202303460P	(22) 08/12/2023	
(54) Integrated Layer Alternator Generator		
(71) Doona Holdings Ltd.		
(21) 10202303393T	(22) 30/11/2023	
(54) CONVERTIBLE BABY SAFETY CAR SEAT ASSEMBLY		
(31) 299773	(32) 09/01/2023	(33) IL
(71) E2 TECHNOLOGIES, LLC		
(21) 11202310009W	(22) 29/06/2022	
(54) APPARATUS AND PROCESSES FOR PYROLYSIS OF PLASTIC FEEDS		
(31) 63/217,051	(32) 30/06/2021	(33) US
(31) 17/698,174	(32) 18/03/2022	(33) US
(86) PCT/US2022/073246	(87) WO/2023/279016	
(71) EARLENS CORPORATION		
(21) 11202309738X	(22) 14/06/2022	
(54) ONE PIECE MICROACTUATOR MEMBRANE		
(31) 63/213,127	(32) 21/06/2021	(33) US
(31) 17/356,217	(32) 23/06/2021	(33) US
(86) PCT/US2022/033458	(87) WO/2022/271491	
(71) EAVOR TECHNOLOGIES INC.		
(21) 10202303417R	(22) 28/05/2019	

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(54) METHOD FOR FORMING HIGH EFFICIENCY GEOTHERMAL WELLBORES

(31) 62/693,950 (32) 04/07/2018 (33) US
(31) 62/714,674 (32) 04/08/2018 (33) US

(71) EBARA CORPORATION

(21) 10202303458U (22) 08/12/2023

(54) INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD

(31) 2023-004722 (32) 16/01/2023 (33) JP

(71) EBARA CORPORATION

(21) 11202309516R (22) 24/05/2022

(54) SUBSTRATE PROCESSING APPARATUS AND INFORMATION PROCESSING SYSTEM

(31) 2021-099286 (32) 15/06/2021 (33) JP
(86) PCT/JP2022/021203 (87) WO/2022/264753

(71) EBARA CORPORATION

(21) 11202309576U (22) 14/06/2022

(54) POLISHING METHOD AND POLISHING APPARATUS

(31) 2021-102959 (32) 22/06/2021 (33) JP
(31) 2022-088291 (32) 31/05/2022 (33) JP
(86) PCT/JP2022/023734 (87) WO/2022/270345

(71) EBARA CORPORATION

(21) 10202303532P (22) 15/12/2023

(54) POLISHING APPARATUS

(31) 2022-210985 (32) 27/12/2022 (33) JP

(71) EBARA CORPORATION

(21) 10202303581X (22) 20/12/2023

(54) POLISHING APPARATUS AND POLISHING METHOD

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(31) 2023-189873 (32) 07/11/2023 (33) JP

(71) EBARA CORPORATION

(21) 10202303584W (22) 20/12/2023

(54) SUBSTRATE POLISHING APPARATUS

(31) 2022-209076 (32) 26/12/2022 (33) JP

(71) EBARA CORPORATION

(21) 10202303594Y (22) 21/12/2023

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(54) SUBSTRATE POLISHING APPARATUS, SUBSTRATE PROCESSING APPARATUS, METHOD,
AND STORAGE MEDIUM

(31) 2022-211162 (32) 28/12/2022 (33) JP

(71) EBARA CORPORATION

(21) 10202303609U (22) 22/12/2023

(54) SUBSTRATE POLISHING DEVICE, SUBSTRATE PROCESSING APPARATUS, METHOD, AND
STORAGE MEDIUM

(31) 2022-211159 (32) 28/12/2022 (33) JP

(71) EBARA CORPORATION

(21) 10202303612X (22) 20/08/2020

(54) ELASTIC MEMBRANE AND SUBSTRATE HOLDING APPARATUS

(31) 2019-156987 (32) 29/08/2019 (33) JP

(31) 2019-156988 (32) 29/08/2019 (33) JP

(71) EBARA CORPORATION

(21) 10202303636Y (22) 26/12/2023

(54) PROCESSING APPARATUS

(31) 2022-211193 (32) 28/12/2022 (33) JP

(71) EBARA CORPORATION

(21) 10202303641W (22) 26/12/2023

(54) SUBSTRATE POLISHING APPARATUS

(31) 2022-209808 (32) 27/12/2022 (33) JP

(71) EBARA Precision Machinery Europe GmbH

(21) 10202303172X (22) 08/11/2023

(54) APPARATUS AND METHOD FOR PURIFYING A PROCESS GAS CONTAINING AT LEAST ONE
POLLUTANT GAS

(31) 10 2022 212 009.4 (32) 11/11/2022 (33) DE

(71) ECOLANT CO., LTD.

(21) 11202309240U (22) 27/04/2023

(54) INTEGRATED SMART SENSOR DEVICE

(31) 10-2022-0053618 (32) 29/04/2022 (33) KR

(86) PCT/KR2023/005748 (87) WO/2023/211178

(71) EDDY CURRENT LIMITED PARTNERSHIP

(21) 10202303365V (22) 04/12/2015

(54) TRANSMISSIONS INCORPORATING EDDY CURRENT BRAKING

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(71) EDWARDS JAPAN LIMITED		
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(54) VACUUM PUMP		
(31) 2021-100735	(32) 17/06/2021	(33) JP
(86) PCT/JP2022/023382	(87) WO/2022/264925	
(71) EDWARDS JAPAN LIMITED		
(21) 11202308790W	(22) 09/06/2022	
(54) VACUUM PUMP		
(31) 2021-101957	(32) 18/06/2021	(33) JP
(86) PCT/JP2022/023381	(87) WO/2022/264924	
(71) EDWARDS LIMITED		
(21) 11202309047R	(22) 07/07/2022	
(54) INLET ASSEMBLY		
(31) 2110052.4	(32) 13/07/2021	(33) GB
(86) PCT/GB2022/051748	(87) WO/2023/285782	
(71) EDWARDS LIMITED		
(21) 11202309051Y	(22) 07/07/2022	
(54) ABATEMENT APPARATUS		
(31) 2110047.4	(32) 13/07/2021	(33) GB
(86) PCT/GB2022/051744	(87) WO/2023/285778	
(71) EEKI AUTOMATION PRIVATE LIMITED		
(21) 11202309367Y	(22) 07/06/2022	
(54) PLANT GROWTH SYSTEM		
(31) 202111025281	(32) 07/06/2021	(33) IN
(86) PCT/IB2022/055283	(87) WO/2022/259139	
(71) EISAI R&D MANAGEMENT CO., LTD.		
(21) 11202309490Y	(22) 08/07/2022	
(54) BIOMARKERS FOR ALZHEIMER'S DISEASE TREATMENT		
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(71) EKRA AUTOMATISIERUNGSSYSTEME GMBH		
(21) 11202309488Q	(22) 10/06/2022	
(54) PRINTING DEVICE AND METHOD FOR PRINTING ONTO SUBSTRATES		
(31) 10 2021 205 984.8	(32) 11/06/2021	(33) DE
(86) PCT/EP2022/065877	(87) WO/2022/258823	
(71) ELECTRO SCIENTIFIC INDUSTRIES, INC.		
(21) 11202309767S	(22) 14/06/2022	
(54) LASER PROCESSING APPARATUS INCLUDING BEAM ANALYSIS SYSTEM AND METHODS OF MEASUREMENT AND CONTROL OF BEAM CHARACTERISTICS		
(31) 63/213,075	(32) 21/06/2021	(33) US
(86) PCT/US2022/033390	(87) WO/2022/271483	
(71) ELEMENT BIOSCIENCES, INC.		
(21) 11202309624W	(22) 17/06/2022	
(54) COMPOSITIONS AND METHODS FOR PAIRWISE SEQUENCING		
(31) 63/212,059	(32) 17/06/2021	(33) US
(31) 17/377,279	(32) 15/07/2021	(33) US
(31) 17/377,283	(32) 15/07/2021	(33) US
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(31) 17/521,239	(32) 08/11/2021	(33) US
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(86) PCT/US2022/034038	(87) WO/2022/266470	
(71) ELEMENT BIOSCIENCES, INC.		
(21) 11202309647P	(22) 17/06/2022	
(54) ENGINEERED POLYMERASES		
(31) 63/212,540	(32) 18/06/2021	(33) US
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(86) PCT/US2022/034021	(87) WO/2022/266462	
(71) ELI LILLY AND COMPANY		
(21) 11202309849X	(22) 22/06/2022	
(54) NOVEL THERAPEUTIC DELIVERY MOIETIES AND USES THEREOF		
(31) 63/214,555	(32) 24/06/2021	(33) US
(86) PCT/US2022/034500	(87) WO/2022/271806	

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(71) ELI LILLY AND COMPANY

(21) 11202309888Y (22) 22/06/2022
(54) NOVEL RNA THERAPEUTICS AND USES THEREOF
(31) 63/214,555 (32) 24/06/2021 (33) US
(31) 63/214,584 (32) 24/06/2021 (33) US
(86) PCT/US2022/034504 (87) WO/2022/271808

(71) ELIXIRGEN THERAPEUTICS, INC.

(21) 11202309402V (22) 17/06/2022
(54) TEMPERATURE-CONTROLLABLE, SELF-REPLICATING RNA VACCINES FOR VIRAL DISEASES
(31) 63/211,974 (32) 17/06/2021 (33) US
(31) 63/240,278 (32) 02/09/2021 (33) US
(31) 63/275,398 (32) 03/11/2021 (33) US
(86) PCT/US2022/034104 (87) WO/2022/266511

(71) ELPIS BIOPHARMACEUTICALS

(21) 11202309991R (22) 28/06/2022
(54) ANTI-NECTIN4 ANTIBODIES AND MULTI-SPECIFIC PROTEIN COMPLEXES COMPRISING SUCH
(31) 63/216,276 (32) 29/06/2021 (33) US
(86) PCT/US2022/035363 (87) WO/2023/278480

(71) ELTA SYSTEMS LTD.

(21) 10202303379Y (22) 13/12/2021
(54) POSITIONING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT UTILIZING INPUTS FROM GEOSTATIONARY COMMUNICATION SATELLITES
(31) 279913 (32) 31/12/2020 (33) IL

(71) ELTA SYSTEMS LTD.

(21) 11202309595R (22) 09/06/2022
(54) CROSS-LAYER ANOMALY DETECTION IN INDUSTRIAL CONTROL NETWORKS
(31) 284559 (32) 01/07/2021 (33) IL
(86) PCT/IL2022/050614 (87) WO/2023/275859

(71) EMPIRICO INC.

(21) 11202309675U (22) 14/06/2022
(54) TREATMENT OF MST1 RELATED DISEASES AND DISORDERS
(31) 63/211,364 (32) 16/06/2021 (33) US
(86) PCT/US2022/033344 (87) WO/2022/266037

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(71) EMPIRICO INC.

(21) 11202309678V

(22) 14/06/2022

(54) TREATMENT OF MTRES1 RELATED DISEASES AND DISORDERS

(31) 63/211,379

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(33) US

(86) PCT/US2022/033356

(87) WO/2022/266045

(71) ENERVENUE INC.

(21) 11202309574P

(22) 24/06/2022

(54) ELECTRODE FOR METAL HYDROGEN BATTERY AND METHOD FOR MANUFACTURING SAME

(31) 63/214,514

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(71) ENGIE

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(54) METHOD AND PLANT FOR HYDROGEN LIQUEFACTION

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(71) ENLIGHTEN-AFRICA (SHENZHEN) BIOTECHNOLOGY CO., LTD.

(21) 11202309661S

(22) 22/12/2021

(54) FORSYTHIA SUSPENSIA LEAF EXTRACT AND USE THEREOF FOR INCREASING ABUNDANCE OF AKK IN INTESTINAL TRACTS

(31) 202110668873.X

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(71) ENTEGRIS, INC.

(21) 11202309271R

(22) 06/06/2022

(54) FILTER CARTRIDGE, AND METHOD OF RETROFITTING FILTER HOUSING

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(71) ENTEGRIS, INC.

(21) 10202303489V

(22) 08/07/2020

(54) OXYHALIDE PRECURSORS

(31) 62/871,956

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(33) US

(71) ENTEGRIS, INC.

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(21) 11202309776X (22) 10/06/2022
(54) GAS-PROCESSING SYSTEMS AND METHODS
(31) 63/214,184 (32) 23/06/2021 (33) US
(86) PCT/US2022/033035 (87) WO/2022/271464

(71) ENTEGRIS, INC.
(21) 11202309879W (22) 22/06/2022
(54) SINTERED POROUS BODY WITH MULTIPLE LAYERS
(31) 63/215,770 (32) 28/06/2021 (33) US
(86) PCT/US2022/034568 (87) WO/2023/278216

(71) ENTRADA THERAPEUTICS, INC.
(21) 11202309037Q (22) 22/06/2022
(54) ANTISENSE COMPOUNDS AND METHODS FOR TARGETING CUG REPEATS
(31) 63/213,900 (32) 23/06/2021 (33) US
(31) 63/239,671 (32) 01/09/2021 (33) US
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(31) 63/290,892 (32) 17/12/2021 (33) US
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(86) PCT/US2022/034517 (87) WO/2022/271818

(71) EPIC SYSTEMS CO., LTD.
(21) 11202309285Y (22) 20/01/2022
(54) METHOD FOR SETTING LINKING BY MEANS OF DOOR LOCK ADMINISTRATOR RIGHT
(86) PCT/KR2022/001016 (87) WO/2023/140398

(71) EPICENTRX, INC.
(21) 11202309311S (22) 09/06/2022
(54) CRYSTALLINE ABDNAZ COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME
(31) 63/208,631 (32) 09/06/2021 (33) US
(86) PCT/US2022/032780 (87) WO/2022/261284

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(71) EPICRISPR BIOTECHNOLOGIES, INC.

(21) 11202309670W

(22) 16/06/2022

(54) SYSTEMS AND METHODS FOR REGULATING ABERRANT GENE EXPRESSIONS

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(86) PCT/US2022/033797

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(71) ERASCA, INC.

(21) 11202309466Y

(22) 23/06/2022

(54) ERK1/2 AND EGFR INHIBITORS COMBINATION THERAPY

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(33) US

(31) 63/236,635

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(71) ERASCA, INC.

(21) 11202309609Q

(22) 23/06/2022

(54) ERK1/2 AND SHP2 INHIBITORS COMBINATION THERAPY

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(86) PCT/US2022/034754

(87) WO/2022/271964

(71) ETAVOLT PTE LTD

(21) 11202309737U

(22) 19/10/2022

(54) REGENERATION OF DEGRADED SILICON PHOTOVOLTAIC MODULES: INDOOR AND OUTDOOR SOLUTIONS

(31) 10202109421V

(32) 27/08/2021

(33) SG

(86) PCT/SG2022/050616

(87) WO/2023/048637

(71) EUREGEN BIOPHARMA CO., LTD.; SHANGHAI YOULI BIOPHARMA CO., LTD.

(21) 11202309100Q

(22) 26/05/2022

(54) PYRIDAZINONE COMPOUND AS PARP7 INHIBITOR

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(33) CN

(86) PCT/CN2022/095271

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(71) EVONIK OPERATIONS GMBH

(21) 11202309260X

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(54) SEMI-CONTINUOUS SUSPENSION POLYMERIZATION OF POLYACRYLATES IN A CAPILLARY REACTOR

(31) 21178671.0 (32) 10/06/2021 (33) EP
(86) PCT/EP2022/064844 (87) WO/2022/258445

(71) EVONIK OPERATIONS GMBH

(21) 11202309330T (22) 23/03/2022

(54) PROCESS FOR WORKUP OF A METHANOL/WATER MIXTURE IN THE PRODUCTION OF ALKALI METAL METHOXIDES IN A REACTION COLUMN

(31) 21179722.0 (32) 16/06/2021 (33) EP
(86) PCT/EP2022/057591 (87) WO/2022/263032

(71) EVONIK OPERATIONS GMBH

(21) 11202309332P (22) 31/05/2022

(54) ENZYMATIC METHOD FOR THE PRODUCTION OF L-GLUFOSINATE P -ALKYL ESTERS

(31) 21179773.3 (32) 16/06/2021 (33) EP
(86) PCT/EP2022/064682 (87) WO/2022/248739

(71) EXXONMOBIL CHEMICAL PATENTS INC.

(21) 11202309273V (22) 25/05/2022

(54) PROCESSES FOR DEHYDROGENATING ALKANE AND ALKYL AROMATIC HYDROCARBONS

(31) 63/202,590 (32) 17/06/2021 (33) US
(86) PCT/US2022/030862 (87) WO/2022/265834

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202303492R (22) 13/12/2023

(54) Process for maintaining activity on shutdown of hydroformylation

(31) 22214450.3 (32) 19/12/2022 (33) EP

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202303542Y (22) 18/12/2023

(54) Diphosphites with a dicyclohexylphosphino radical

(31) 22216763.7 (32) 27/12/2022 (33) EP

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202303564P (22) 19/12/2023

(54) Process for preparing a phosphoramidite and further reaction thereof to the monophosphite

(31) 22216774.4 (32) 27/12/2022 (33) EP

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(71) F. HOFFMANN-LA ROCHE AG

(21) 11202309394Y

(22) 30/06/2022

(54) ANALYTE SENSOR AND METHOD FOR MANUFACTURING AN ANALYTE SENSOR

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(33) US

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(71) FACC AG

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(54) AIRCRAFT SLIDING DOOR

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(33) AT

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(71) FARMER-LIGHT HOLDING A/S

(21) 11202309291V

(22) 21/06/2022

(54) LIGHT EMITTING UNIT BASED ON LED

(31) 21180593.2

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(87) WO/2022/268768

(71) FATE THERAPEUTICS, INC.

(21) 11202309692R

(22) 01/07/2022

(54) PROTECTED EFFECTOR CELLS AND USE THEREOF FOR ALLOGENEIC ADOPTIVE CELL THERAPIES

(31) 63/218,204

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(33) US

(31) 63/265,190

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(87) WO/2023/279112

(71) FEI DEUTSCHLAND GMBH

(21) 11202309821T

(22) 18/06/2022

(54) SYSTEMS AND METHODS FOR MOTORIZED ADJUSTMENT OF OBJECTIVE LENS CORRECTION COLLAR

(31) 63/214,591

(32) 24/06/2021

(33) US

(86) PCT/IB2022/055671

(87) WO/2022/269442

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 11202309899R

(22) 06/07/2022

(54) CUSHION FOR A RESPIRATORY MASK AND RESPIRATORY MASK HAVING THE SAME

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(32) 06/07/2021

(33) US

(31) 63/366,973

(32) 24/06/2022

(33) US

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- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
(21) 11202309498P (22) 14/06/2022
(54) MODIFICATION OF PLANT MESSENGER PACKS
(31) 63/210,464 (32) 14/06/2021 (33) US
(86) PCT/US2022/033433 (87) WO/2022/266096
- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
(21) 11202309503R (22) 15/06/2022
(54) SYSTEMS AND METHODS FOR ASSOCIATING COMPOUNDS WITH PROPERTIES USING CLIQUE ANALYSIS OF CELL-BASED DATA
(31) 63/210,736 (32) 15/06/2021 (33) US
(86) PCT/US2022/033682 (87) WO/2022/266257
- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
(21) 11202309504Q (22) 15/06/2022
(54) SYSTEMS AND METHODS FOR ASSOCIATING COMPOUNDS WITH PHYSIOLOGICAL CONDITIONS USING FINGERPRINT ANALYSIS
(31) 63/210,930 (32) 15/06/2021 (33) US
(86) PCT/US2022/033685 (87) WO/2022/266259
- (71) FLAGSHIP PIONEERING INNOVATIONS VII, LLC
(21) 11202309316X (22) 07/06/2022
(54) COMPOSITIONS AND METHODS FOR TARGETED DELIVERY OF THERAPEUTIC AGENTS
(31) 63/197,928 (32) 07/06/2021 (33) US
(86) PCT/US2022/032561 (87) WO/2022/261136
- (71) FLÜHS DREHTECHNIK GMBH
(21) 11202309715S (22) 10/08/2022
(54) VALVE CARTRIDGE
(31) 21191912.1 (32) 18/08/2021 (33) EP
(86) PCT/EP2022/072455 (87) WO/2023/020913
- (71) FMC AGRICULTURAL SOLUTIONS A/S
(21) 11202309365T (22) 01/07/2022
(54) METHODS AND YEAST CELLS FOR PRODUCTION OF DESATURATED COMPOUNDS
(31) 21183447.8 (32) 02/07/2021 (33) EP
(31) 22161107.2 (32) 09/03/2022 (33) EP
(86) PCT/EP2022/068272 (87) WO/2023/275361

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(71) FMC CORPORATION

(21) 11202309533W (22) 23/06/2022
(54) AZOLE COMPOUNDS FOR CONTROLLING INVERTEBRATE PESTS
(31) 63/214,420 (32) 24/06/2021 (33) US
(86) PCT/US2022/034647 (87) WO/2022/271901

(71) FONTERRA CO-OPERATIVE GROUP LIMITED

(21) 11202309566S (22) 24/06/2022
(54) RECOMBINANT BETA-LACTOGLOBULIN
(31) 2021901917 (32) 24/06/2021 (33) AU
(31) 2021903589 (32) 10/11/2021 (33) AU
(86) PCT/IB2022/055858 (87) WO/2022/269549

(71) FORESEE PHARMACEUTICALS CO., LTD.

(21) 11202309301Y (22) 28/06/2022
(54) METHODS OF MANUFACTURING INJECTABLE SUSTAINED RELEASE FORMULATIONS
(31) 63/217,839 (32) 02/07/2021 (33) US
(86) PCT/US2022/035241 (87) WO/2023/278392

(71) FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

(21) 11202309723S (22) 04/05/2021
(54) METHODS AND APPARATUSES FOR ENHANCING THE RELIABILITY AND PERFORMANCE OF THE PHYSICAL DOWNLINK CONTROL CHANNEL IN A WIRELESS COMMUNICATIONS NETWORK
(31) 20172788.0 (32) 04/05/2020 (33) EP
(31) 20196152.1 (32) 15/09/2020 (33) EP
(31) 20202421.2 (32) 16/10/2020 (33) EP
(31) 20211637.2 (32) 03/12/2020 (33) EP
(86) PCT/EP2021/061760 (87) WO/2021/224283

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

(21) 11202309417X (22) 18/06/2021
(54) PROCESS FOR PREPARING POLYSACCHARIDE SULFATES, AND POLYSACCHARIDE SULFATE
(86) PCT/EP2021/066640 (87) WO/2022/262996

(71) FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH

(21) 10202303355U (22) 21/12/2021

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) METHOD FOR CLEANING A FILTER MODULE, AND FILTER MODULE FOR CARRYING OUT SAID METHOD

(31) 10 2020 134 427.9 (32) 21/12/2020 (33) DE

(71) FUJI OIL HOLDINGS INC.

(21) 11202309349S (22) 23/06/2022

(54) METHOD FOR PRODUCING EDIBLE OIL AND/OR FAT

(31) 2021-105154 (32) 24/06/2021 (33) JP

(31) 2021-109160 (32) 30/06/2021 (33) JP

(86) PCT/JP2022/025163 (87) WO/2022/270596

(71) FUJI OIL HOLDINGS INC.

(21) 11202309735P (22) 30/06/2022

(54) METHOD FOR SEPARATING AND QUANTIFYING SATURATED AND UNSATURATED DIALKYL KETONES

(31) 2021-111386 (32) 05/07/2021 (33) JP

(86) PCT/JP2022/026202 (87) WO/2023/282169

(71) FUJIFILM CORPORATION

(21) 11202309722R (22) 08/04/2022

(54) METHOD OF CULTIVATING FRUIT VEGETABLE PLANT

(31) 2021-104916 (32) 24/06/2021 (33) JP

(86) PCT/JP2022/017412 (87) WO/2022/270130

(71) FURUKAWA ELECTRIC CO., LTD.

(21) 11202309185Q (22) 01/07/2022

(54) CATALYST FOR SYNTHESIZING LIQUEFIED PETROLEUM GAS AND METHOD FOR PRODUCING LIQUEFIED PETROLEUM GAS

(31) 2021-111072 (32) 02/07/2021 (33) JP

(31) 2022-067955 (32) 15/04/2022 (33) JP

(86) PCT/JP2022/026507 (87) WO/2023/277187

(71) FURUKAWA ELECTRIC CO., LTD.

(21) 11202309419S (22) 15/04/2022

(54) FILM-LIKE ADHESIVE AGENT, AND ELECTRONIC COMPONENT USING SAME AND METHOD FOR PRODUCING SAME

(31) 2021-135624 (32) 23/08/2021 (33) JP

(86) PCT/JP2022/017919 (87) WO/2023/026584

(71) FURUKAWA ELECTRIC CO., LTD.

(21) 11202309425W (22) 20/05/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) COMPOSITION FOR ADHESIVE AGENT, FILM-LIKE ADHESIVE AGENT, SEMICONDUCTOR PACKAGE USING FILM-LIKE ADHESIVE AGENT, AND PRODUCTION METHOD THEREFOR

(31) 2021-157430 (32) 28/09/2021 (33) JP
(86) PCT/JP2022/020970 (87) WO/2023/053566

(71) FUSION PHARMACEUTICALS INC.

(21) 11202309477W (22) 10/06/2022

(54) RADIOIMMUNOCONJUGATES AND CHECKPOINT INHIBITOR COMBINATION THERAPY

(31) 63/209,736 (32) 11/06/2021 (33) US
(86) PCT/US2022/033058 (87) WO/2022/261467

(71) Forbidden Hill Pte Ltd.

(21) 10202303219W (22) 15/11/2023

(54) A WEARABLE DECORATIVE ELEMENT

(71) GANNEX PHARMA CO., LTD.

(21) 11202309901S (22) 05/07/2022

(54) COMBINATION THERAPY FOR TREATMENT OF LIVER DISEASES

(31) 63/203,032 (32) 06/07/2021 (33) US
(86) PCT/CN2022/103864 (87) WO/2023/280152

(71) GAZTRANSPORT ET TECHNIGAZ

(21) 10202303191T (22) 09/11/2023

(54) Bell-shaped leak detection device for sealing membrane

(31) 2212551 (32) 30/11/2022 (33) FR

(71) GAZTRANSPORT ET TECHNIGAZ

(21) 11202309117Q (22) 23/05/2022

(54) INSTALLATION FOR STORING A LIQUEFIED GAS

(31) FR2105726 (32) 31/05/2021 (33) FR
(86) PCT/EP2022/063906 (87) WO/2022/253615

(71) GAZTRANSPORT ET TECHNIGAZ

(21) 10202303428S (22) 05/12/2023

(54) Sealed and thermally insulating tank

(31) 2212928 (32) 07/12/2022 (33) FR

(71) GAZTRANSPORT ET TECHNIGAZ

(21) 11202309563P (22) 09/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) METHOD AND DEVICE FOR ESTIMATING THE PROBABILITY OF DAMAGE CAUSED BY THE SLOSHING OF A LIQUID LOAD DURING AN OPERATION OF TRANSFERRING SAID LIQUID LOAD BETWEEN TWO FLOATING STRUCTURES

(31) FR2106344 (32) 15/06/2021 (33) FR

(86) PCT/EP2022/065636 (87) WO/2022/263267

(71) GE HEALTHCARE LIMITED

(21) 11202309182S (22) 16/06/2022

(54) METHOD FOR PREPARING AN [18F] RADIOLABELLED COMPOUND WITH LOW WATER CONTENT DURING LABELLING STEP

(31) 2108605.3 (32) 16/06/2021 (33) GB

(86) PCT/EP2022/066483 (87) WO/2022/263594

(71) GENENCELL CO., LTD.; UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY

(21) 11202309382V (22) 03/06/2022

(54) COMPOSITION FOR PREVENTING, IMPROVING, OR TREATING DEGENERATIVE ARTHRITIS COMPRISING STEAMED GINGER EXTRACT OR 1-DEHYDRO-6-GINGERDIONE ISOLATED THEREFROM AS ACTIVE INGREDIENT

(31) 10-2021-0077699 (32) 15/06/2021 (33) KR

(86) PCT/KR2022/007917 (87) WO/2022/265281

(71) GENENTECH, INC.

(21) 11202309517P (22) 27/05/2022

(54) PROCESS FOR THE PREPARATION OF BENZOXAZEPIN OXAZOLIDINONE COMPOUNDS

(31) 63/194,382 (32) 28/05/2021 (33) US

(86) PCT/US2022/031243 (87) WO/2022/251567

(71) GENERATION BIO CO.

(21) 11202309542X (22) 14/06/2022

(54) CATIONIC LIPIDS AND COMPOSITIONS THEREOF

(31) 63/210,204 (32) 14/06/2021 (33) US

(86) PCT/US2022/033334 (87) WO/2022/266032

(71) GENERATION BIO CO.

(21) 11202309954T (22) 13/07/2022

(54) SINGLE CHAIN VARIABLE FRAGMENT (SCFV) MODIFIED LIPID NANOPARTICLE COMPOSITIONS AND USES THEREOF

(31) 63/221,290 (32) 13/07/2021 (33) US

(86) PCT/US2022/036930 (87) WO/2023/287861

(71) GENZYME CORPORATION

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(21) 11202309458W	(22) 02/06/2022	
(54) CRYSTAL FORM OF TOLEBRUTINIB, PREPARATION METHOD THEREFOR AND USE THEREOF		
(31) 202110652005.2	(32) 11/06/2021	(33) CN
(31) 202110690510.6	(32) 22/06/2021	(33) CN
(31) 202111326112.2	(32) 10/11/2021	(33) CN
(86) PCT/CN2022/096779	(87) WO/2022/257845	
(71) GENZYME CORPORATION		
(21) 11202309518Q	(22) 17/06/2022	
(54) ANTI-TGF-BETA ANTIBODY FORMULATIONS AND THEIR USE		
(31) 63/212,473	(32) 18/06/2021	(33) US
(86) PCT/US2022/034103	(87) WO/2022/266510	
(71) GENZYME CORPORATION		
(21) 10202303488R	(22) 21/12/2018	
(54) BIOMARKERS OF METHOTREXATE-INDUCED IMMUNE TOLERANCE		
(31) 62/609,986	(32) 22/12/2017	(33) US
(71) GEOMAX PROJECT KFT.		
(21) 11202309522W	(22) 01/07/2022	
(54) HYDROGEN STORAGE BASED ON AQUEOUS FORMATE-BICARBONATE (HYDROGEN CARBONATE) EQUILIBRIUM		
(31) P2100254	(32) 02/07/2021	(33) HU
(31) P2200115	(32) 13/04/2022	(33) HU
(86) PCT/HU2022/050056	(87) WO/2023/275578	
(71) GIKEN LTD.		
(21) 11202309824V	(22) 01/07/2022	
(54) PILE PRESS-IN CONSTRUCTION METHOD, PILE SUPPLYING DEVICE, AND PILE PRESS-IN DEVICE		
(31) 2021-111181	(32) 05/07/2021	(33) JP
(86) PCT/JP2022/026452	(87) WO/2023/282201	
(71) GILARDONI S.P.A		
(21) 11202309889P	(22) 29/06/2022	
(54) MACHINE FOR THE COMPOSITE SCANNING OF OBJECTS		
(31) 102021000017234	(32) 30/06/2021	(33) IT
(86) PCT/IB2022/056038	(87) WO/2023/275772	
(71) GILEAD SCIENCES, INC.		
(21) 11202309545S	(22) 21/06/2022	

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(54) DIACYLGLYCEROL KINASE MODULATING COMPOUNDS		
(31) 63/213,893	(32) 23/06/2021	(33) US
(86) PCT/US2022/034310	(87) WO/2022/271677	
(71) GILGAMESH PHARMACEUTICALS, INC.		
(21) 11202309835U	(22) 27/06/2022	
(54) ARYLCYCLOHEXYLAMINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF PSYCHIATRIC DISORDERS		
(31) 63/215,151	(32) 25/06/2021	(33) US
(86) PCT/US2022/035179	(87) WO/2022/272174	
(71) GINKGO BIOWORKS, INC.		
(21) 10202303534X	(22) 20/03/2020	
(54) RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS		
(31) 62/821,710	(32) 21/03/2019	(33) US
(71) GIVAUDAN SA		
(21) 11202308925S	(22) 16/06/2022	
(54) FRAGRANCE COMPOUNDS		
(31) PCT/CN2021/100985	(32) 18/06/2021	(33) CN
(86) PCT/EP2022/066505	(87) WO/2022/263605	
(71) GIVAUDAN SA		
(21) 11202309012P	(22) 21/06/2022	
(54) SCREENING SYSTEM		
(31) 2108867.9	(32) 21/06/2021	(33) GB
(86) PCT/EP2022/066779	(87) WO/2022/268745	
(71) GIVAUDAN SA		
(21) 11202309168Y	(22) 21/06/2022	
(54) PROCESS FOR MAKING EPOXIDE DERIVATIVES OF FARNESENE AND USE THEREOF IN FURTHER SYNTHESIS		
(31) 2108985.9	(32) 23/06/2021	(33) GB
(86) PCT/EP2022/066928	(87) WO/2022/268840	
(71) GIVAUDAN SA		
(21) 11202309555Q	(22) 01/07/2022	
(54) READY-TO-EAT AND READY-TO-DRINK PRODUCTS		
(31) 17/365,193	(32) 01/07/2021	(33) US
(86) PCT/EP2022/068257	(87) WO/2023/275354	

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(71) GIVAUDAN SA

(21) 11202309669R

(22) 01/07/2022

(54) PLANT-BASED FLAVOUR MODIFYING INGREDIENT

(31) 17/365,193

(32) 01/07/2021

(33) US

(31) 63/287,844

(32) 09/12/2021

(33) US

(86) PCT/EP2022/068261

(87) WO/2023/275356

(71) GLENMARK SPECIALTY S.A.

(21) 11202309369X

(22) 06/07/2022

(54) PYRIMIDINE COMPOUNDS FOR USE AS MAP4K1 INHIBITORS

(31) 202121030204

(32) 06/07/2021

(33) IN

(86) PCT/IB2022/056248

(87) WO/2023/281417

(71) GLOBAL BLOOD THERAPEUTICS, INC.

(21) 10202303332S

(22) 10/03/2014

(54) COMPOUNDS AND USES THEREOF FOR THE MODULATION OF HEMOGLOBIN

(31) 13/815,770

(32) 15/03/2013

(33) US

(31) 61/905,802

(32) 18/11/2013

(33) US

(31) 61/905,803

(32) 18/11/2013

(33) US

(71) GLOBAL PREVENTIVE MEDICINE BIOTECH COMPANY LIMITED

(21) 11202309389T

(22) 07/06/2022

(54) METHOD AND COMPOSITION FOR PREVENTING AND TREATING COVID-19 AND LONG COVID

(31) 63/197,701

(32) 07/06/2021

(33) US

(31) 63/277,774

(32) 10/11/2021

(33) US

(86) PCT/CN2022/097471

(87) WO/2022/257936

(71) GLOBALWAFERS CO., LTD.

(21) 11202309354R

(22) 07/06/2022

(54) USE OF QUARTZ PLATES DURING GROWTH OF SINGLE CRYSTAL SILICON INGOTS

(31) 63/197,726

(32) 07/06/2021

(33) US

(86) PCT/EP2022/065434

(87) WO/2022/258634

(71) GLOBALWAFERS CO., LTD.

(21) 11202309694P

(22) 17/06/2022

(54) METHODS FOR DETERMINING SUITABILITY OF CZOCHRALSKI GROWTH CONDITIONS FOR PRODUCING SUBSTRATES FOR EPITAXY

(31) 63/213,460

(32) 22/06/2021

(33) US

(86) PCT/US2022/034034

(87) WO/2022/271561

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(71) GLOBALWAFERS CO., LTD.

(21) 11202309695T (22) 14/06/2022

(54) METHODS FOR DETERMINING SUITABILITY OF SILICON SUBSTRATES FOR EPITAXY

(31) 63/213,457 (32) 22/06/2021 (33) US

(86) PCT/US2022/033366 (87) WO/2022/271481

(71) GLOBALWAFERS CO., LTD.

(21) 11202309696U (22) 20/06/2022

(54) POLISHING HEAD ASSEMBLY HAVING RECESS AND CAP

(31) 63/202,827 (32) 25/06/2021 (33) US

(86) PCT/US2022/034175 (87) WO/2022/271596

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 10202303244T (22) 16/11/2023

(54) A COMPUTER IMPLEMENTED METHOD, AND A SERVER

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 11202309280P (22) 29/06/2022

(54) COMPUTER-IMPLEMENTED APPARATUS AND METHOD FOR PREDICTING TRAFFIC CONDITIONS IN A ROUTE PLANNING APPLICATION

(31) PCT/CN2021/103471 (32) 30/06/2021 (33) CN

(86) PCT/SG2022/050450 (87) WO/2023/277814

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 11202309336Q (22) 27/06/2022

(54) METHOD OF ANNOTATING MAP DATA FOR NAVIGATION OF VEHICLES

(31) 202110748355.9 (32) 30/06/2021 (33) CN

(86) PCT/SG2022/050440 (87) WO/2023/277808

(71) GRADIANT CORPORATION

(21) 11202309493X (22) 01/07/2022

(54) MEMBRANES WITH CONTROLLED POROSITY FOR SERIAL FILTRATION

(31) 17/305,289 (32) 02/07/2021 (33) US

(86) PCT/US2022/035979 (87) WO/2023/278853

(71) GRAPHITE INNOVATION AND TECHNOLOGIES INC

(21) 11202309309W (22) 10/06/2022

(54) COATINGS FOR MARINE VESSELS THAT REDUCE CAVITATION

(31) 63/209,278 (32) 10/06/2021 (33) US

(86) PCT/CA2022/050938 (87) WO/2022/256945

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(71) GREEN LI-ION PTE. LTD

(21) 11202310012Q

(22) 22/02/2023

(54) PROCESSES AND SYSTEMS FOR PURIFYING AND RECYCLING LITHIUM-ION BATTERY WASTE STREAMS

(31) 63/312,978

(32) 23/02/2022

(33) US

(86) PCT/SG2023/050108

(87) WO/2023/163658

(71) GREEN RESOURCES ENVIRONMENTAL TECHNOLOGY (SINGAPORE) PTE. LTD.

(21) 10202303444S

(22) 07/12/2023

(54) A method of high-efficient resourcing of ammonia-nitrogen wastewater

(71) GREEN RESOURCES ENVIRONMENTAL TECHNOLOGY (SINGAPORE) PTE. LTD.

(21) 10202303445V

(22) 07/12/2023

(54) A simultaneous regeneration and utilization method of waste phosphating slag with waste phosphorus and sulfur binary acid liquid

(71) GROK RENEWABLE ENERGY TECHNOLOGY CO., LTD

(21) 11202309171V

(22) 08/04/2022

(54) PHOTOVOLTAIC FLOATING ISLAND AND FLOATING BODY SYSTEM THEREOF

(31) 202110624525.2

(32) 04/06/2021

(33) CN

(31) 202121255658.9

(32) 04/06/2021

(33) CN

(86) PCT/CN2022/085835

(87) WO/2022/252817

(71) GROUP IB TDS, LTD

(21) 10202303476T

(22) 12/12/2023

(54) A METHOD AND A SYSTEM FOR DETECTING MALWARE ACTIVITY IN A .NET PLATFORM

(31) 2022133041

(32) 12/12/2022

(33) RU

(71) GVWT ENERGY PTE LTD

(21) 11202309581R

(22) 21/06/2021

(54) AN AUGMENTED VERTICAL AXIS WIND TURBINE

(86) PCT/SG2021/050357

(87) WO/2022/271078

(71) Gaia Foods Pte. Ltd.

(21) 10202303501Y

(22) 14/12/2023

(54) Compositions And Methods For Production Of Edible Cell-Infused Scaffolds

(71) Gilead Sciences, Inc.

(21) 10202303255Q

(22) 02/03/2016

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(54) TOLL LIKE RECEPTOR MODULATOR COMPOUNDS

(31) 62/128,397 (32) 04/03/2015 (33) US
(31) 62/250,403 (32) 03/11/2015 (33) US

(71) Grabtaxi Holdings Pte. Ltd.

(21) 10202303618Y (22) 22/12/2023

(54) SERVER AND METHOD FOR FACILITATING PROCESSING A PLURALITY OF ORDERS FOR ON-DEMAND SERVICE

(71) Gradient International Holdings Pte. Ltd.

(21) 10202303396Y (22) 30/11/2023

(54) SYSTEMS AND METHODS FOR THE TREATMENT OF MEMBRANES IN WASTEWATER MANAGEMENT SYSTEMS

(71) Grand Advance Technologies Pte Ltd

(21) 10202303494P (22) 07/05/2021

(54) MICROPARTICLES/MICROCROWN

(71) H.C. STARCK TUNGSTEN GMBH

(21) 11202309169P (22) 21/06/2022

(54) PROCESS FOR RECYCLING BATTERY MATERIALS BY WAY OF HYDROMETALLURGICAL TREATMENT

(31) 21181175.7 (32) 23/06/2021 (33) EP
(86) PCT/EP2022/066855 (87) WO/2022/268797

(71) H.C. STARCK TUNGSTEN GMBH

(21) 11202309208Y (22) 21/06/2022

(54) PROCESS FOR RECYCLING BATTERY MATERIALS BY WAY OF REDUCTIVE, PYROMETALLURGICAL TREATMENT

(31) 21181188.0 (32) 23/06/2021 (33) EP
(86) PCT/EP2022/066850 (87) WO/2022/268792

(71) HAI ROBOTICS CO., LTD.

(21) 10202303257R (22) 07/09/2018

(54) HANDLING ROBOT AND METHOD FOR RETRIEVING INVENTORY ITEM BASED ON HANDLING ROBOT

(31) 201711141498.3 (32) 14/11/2017 (33) CN
(31) 201711135812.7 (32) 14/11/2017 (33) CN

(71) HALLIBURTON ENERGY SERVICES, INC.

(21) 11202309727Y (22) 03/09/2021

(54) DOWNHOLE TOOL WITH RECEIVE ANTENNA AND PROXIMATE AMPLIFIER

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(31) 17/464,386	(32) 01/09/2021	(33) US
(86) PCT/US2021/048963	(87) WO/2023/033829	
(71) HALLIBURTON ENERGY SERVICES, INC.		
(21) 11202309805W	(22) 03/08/2021	
(54) SLIP RING EMPLOYING RADially OFFSET SLOT		
(31) 17/392,564	(32) 03/08/2021	(33) US
(86) PCT/US2021/044287	(87) WO/2023/014349	
(71) HANGZHOU GENLIGHT MEDTECH CO., LTD.		
(21) 11202309814R	(22) 28/06/2022	
(54) MULTI-WAVELENGTH LASER SYSTEM FOR THERMAL ABLATION IN NEUROSURGERY		
(31) 202110719847.5	(32) 28/06/2021	(33) CN
(86) PCT/CN2022/101854	(87) WO/2023/274221	
(71) HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.		
(21) 11202309040Y	(22) 26/10/2021	
(54) METHOD AND APPARATUS FOR ANALYZING POSITIONAL RELATIONSHIP BETWEEN TARGET OBJECTS, STORAGE MEDIUM AND ELECTRONIC DEVICE		
(31) 202110726426.5	(32) 29/06/2021	(33) CN
(86) PCT/CN2021/126425	(87) WO/2023/273049	
(71) HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.		
(21) 11202309085P	(22) 10/08/2022	
(54) METHOD AND APPARATUS FOR DETERMINING TARGET POSITION, AND ELECTRONIC DEVICE AND STORAGE MEDIUM		
(31) 202111150982.9	(32) 29/09/2021	(33) CN
(86) PCT/CN2022/111377	(87) WO/2023/051044	
(71) HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.		
(21) 11202309179Q	(22) 10/08/2022	
(54) IMAGE RECOGNITION METHOD AND ELECTRONIC DEVICE		
(31) 202111137201.2	(32) 27/09/2021	(33) CN
(86) PCT/CN2022/111396	(87) WO/2023/045602	
(71) HANGZHOU UNOGEN BIOTECH, LTD		
(21) 11202309970U	(22) 02/08/2022	
(54) ANTI-CD38 ANTIBODIES, ANTI-CD3 ANTIBODIES, AND BISPECIFIC ANTIBODIES, AND USES THEREOF		
(31) 63/228,195	(32) 02/08/2021	(33) US
(86) PCT/US2022/074409	(87) WO/2023/015170	

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(71) HANGZHOU ZHONGMEIHUADONG PHARMACEUTICAL CO., LTD.

(21) 11202308975Q

(22) 23/06/2022

(54) GLP-1 RECEPTOR AGONIST AND COMPOSITION AND USE THEREOF

(31) 202110702643.0

(32) 24/06/2021

(33) CN

(86) PCT/CN2022/100685

(87) WO/2022/268152

(71) HANMI PHARM. CO., LTD.

(21) 11202308105P

(22) 30/06/2022

(54) THERAPEUTIC USE OF COMBINATION INCLUDING TRIPLE AGONIST HAVING ACTIVITIES TO ALL OF GLUCAGON, GLP-1, AND GIP RECEPTORS

(31) 10-2021-0086014

(32) 30/06/2021

(33) KR

(86) PCT/KR2022/009449

(87) WO/2023/277620

(71) HANWHA OCEAN CO.,LTD.; HI AIR KOREA

(21) 11202309293T

(22) 21/12/2021

(54) METHOD AND APPARATUS FOR PURIFYING EXHAUST GAS OF VESSEL AND VESSEL INCLUDING THE SAME

(31) 10-2021-0075099

(32) 09/06/2021

(33) KR

(31) 10-2021-0158853

(32) 17/11/2021

(33) KR

(86) PCT/KR2021/019545

(87) WO/2022/260230

(71) HAPPYMIND CO., LTD

(21) 11202309506T

(22) 17/06/2021

(54) SYSTEM AND METHOD FOR DIAGNOSING MENTAL DISORDER AND PREDICTING TREATMENT RESPONSE ON BASIS OF PSYCHIATRIC EXAMINATION DATA USING EYE TRACKING

(31) 10-2021-0077875

(32) 16/06/2021

(33) KR

(86) PCT/KR2021/007590

(87) WO/2022/265131

(71) HARPOON THERAPEUTICS, INC.

(21) 11202309886V

(22) 24/06/2022

(54) EXTENDED-RELEASE IMMUNE CELL ENGAGING PROTEINS AND METHODS OF TREATMENT

(31) 63/214,963

(32) 25/06/2021

(33) US

(31) 63/276,804

(32) 08/11/2021

(33) US

(31) 63/328,603

(32) 07/04/2022

(33) US

(86) PCT/US2022/034856

(87) WO/2022/272033

(71) HASEBE, Terumitsu;GLOBAL VASCULAR CO., LTD.

(21) 11202309421R

(22) 08/06/2021

(54) STENT

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(86) PCT/JP2021/021792 (87) WO/2022/259382

(71) HITACHI HIGH-TECH CORPORATION
(21) 11202308583S (22) 30/06/2021
(54) CAPILLARY ELECTROPHORESIS DEVICE
(86) PCT/JP2021/024859 (87) WO/2023/276078

(71) HITACHI, LTD.
(21) 11202309276Q (22) 17/01/2022
(54) COMPUTER SYSTEM AND METHOD FOR ASSISTING TENANT REGISTRATION
(31) 2021-099404 (32) 15/06/2021 (33) JP
(86) PCT/JP2022/001473 (87) WO/2022/264469

(71) HOYA CORPORATION
(21) 11202309792T (22) 05/07/2022
(54) GLASS PLATE, DISK-SHAPED GLASS, MAGNETIC DISK GLASS SUBSTRATE, AND METHOD FOR MANUFACTURING GLASS PLATE
(31) PCT/JP2021/025369 (32) 05/07/2021 (33) JP
(86) PCT/JP2022/026729 (87) WO/2023/282262

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11202309025Y (22) 12/07/2022
(54) DATA PROCESSING METHOD AND SYSTEM, AND RELATED DEVICE
(31) 202110795283.3 (32) 14/07/2021 (33) CN
(86) PCT/CN2022/105031 (87) WO/2023/284701

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11202309060W (22) 11/05/2022
(54) DATA TRANSMISSION METHOD AND APPARATUS
(31) 202110604642.2 (32) 31/05/2021 (33) CN
(86) PCT/CN2022/092312 (87) WO/2022/252950

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11202309159R (22) 25/05/2022
(54) SPEECH PROCESSING METHOD AND RELATED DEVICE
(31) 202110621213.6 (32) 03/06/2021 (33) CN
(86) PCT/CN2022/094838 (87) WO/2022/253061

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11202309266R (22) 02/06/2022

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(54) FLUORESCENT ANTENNA, OPTICAL RECEIVER, AND SIGNAL PROCESSING METHOD

(31) 202110626671.9 (32) 04/06/2021 (33) CN
(86) PCT/CN2022/096964 (87) WO/2022/253330

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309269W (22) 01/06/2022
(54) PDU TRANSMISSION METHOD AND RELATED APPARATUS
(31) 202110634422.4 (32) 07/06/2021 (33) CN
(86) PCT/CN2022/096662 (87) WO/2022/257836

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 10202303438Y (22) 13/06/2018
(54) METHODS AND SYSTEMS OF POWER CONTROL FOR UPLINK TRANSMISSION
(31) 62/521,259 (32) 16/06/2017 (33) US

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309358X (22) 24/05/2022
(54) COMMUNICATION METHOD AND APPARATUS
(31) 202110633428.X (32) 07/06/2021 (33) CN
(86) PCT/CN2022/094799 (87) WO/2022/257760

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309407Q (22) 31/05/2022
(54) FEEDBACK METHOD, AND APPARATUS
(31) 202110653974.X (32) 11/06/2021 (33) CN
(86) PCT/CN2022/096193 (87) WO/2022/257813

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309436S (22) 25/05/2022
(54) METHOD FOR DETERMINING TRANSMIT POWER IN WIRELESS LOCAL AREA NETWORK
AND RELATED APPARATUS
(31) 202110657250.2 (32) 11/06/2021 (33) CN
(86) PCT/CN2022/095078 (87) WO/2022/257768

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309515V (22) 14/06/2022
(54) METHODS AND SYSTEMS FOR WI-FI SENSING ANNOUNCEMENT
(31) 63/210,184 (32) 14/06/2021 (33) US
(31) 17/836,921 (32) 09/06/2022 (33) US
(86) PCT/CN2022/098584 (87) WO/2022/262706

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(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309639P (22) 24/05/2022
(54) SENSING RESULT FEEDBACK METHOD, APPARATUS, DEVICE, AND MEDIUM
(31) 202110680998.4 (32) 18/06/2021 (33) CN
(86) PCT/CN2022/094791 (87) WO/2022/262535

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309685X (22) 14/06/2022
(54) CHANNEL ACCESS METHOD AND RELATED APPARATUS
(31) 202110673131.6 (32) 17/06/2021 (33) CN
(86) PCT/CN2022/098741 (87) WO/2022/262734

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309687T (22) 10/06/2022
(54) FEEDBACK INDICATION METHOD AND APPARATUS
(31) 202110674951.7 (32) 17/06/2021 (33) CN
(86) PCT/CN2022/098192 (87) WO/2022/262658

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309747T (22) 25/05/2022
(54) RESOURCE INDICATION METHOD AND APPARATUS
(31) 202110694205.4 (32) 22/06/2021 (33) CN
(86) PCT/CN2022/095006 (87) WO/2022/267804

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309765W (22) 22/06/2022
(54) WIRELESS SENSING METHOD AND APPARATUS
(31) 202110691276.9 (32) 22/06/2021 (33) CN
(86) PCT/CN2022/100350 (87) WO/2022/268104

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202309861X (22) 27/06/2022
(54) METHOD AND APPARATUS FOR REPORTING BUFFERED DATA
(31) 2021119192 (32) 01/07/2021 (33) RU
(86) PCT/CN2022/101381 (87) WO/2023/274102

(71) HYPERTUNNEL IP LIMITED

(21) 11202309377R (22) 14/07/2022
(54) INTEGRATED DRILLING INJECTION AND EXTRACTION DEVICE AND METHOD
(31) 2110278.5 (32) 16/07/2021 (33) GB

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- (86) PCT/GB2022/051830 (87) WO/2023/285831
- (71) HYUNDAI MOBIS CO., LTD.
(21) 10202303202Y (22) 10/11/2023
(54) IMMERSION COOLING SYSTEM AND MANUFACTURING METHOD OF IMMERSION COOLING SYSTEM
- (71) HYUNDAI MOBIS CO., LTD.
(21) 10202303301U (22) 22/11/2023
(54) METHOD OF DETECTING DEFECTIVE BATTERY CELL
- (71) HYUNDAI MOBIS CO., LTD.; SWECO INC.
(21) 10202303419U (22) 04/12/2023
(54) BATTERY MODULE INCLUDING COMPOSITE MICA INSULATION PAD WITH IMPROVED FIRE RESISTANCE AND THERMAL DIFFUSIVITY
(31) 10-2023-0042696 (32) 31/03/2023 (33) KR
- (71) Heraeus Materials Singapore Pte. Ltd.
(21) 10202303298S (22) 22/11/2023
(54) Tin-based solder alloy powder
- (71) Hitachi, Ltd.
(21) 10202303378U (22) 29/11/2023
(54) RISK IDENTIFICATION AND ADVICE GENERATION FOR VEHICLE DRIVERS
- (71) Hitachi, Ltd.
(21) 10202303551V (22) 18/12/2023
(54) DATA AUDIT SYSTEM AND DATA AUDIT METHOD
(31) 2023-014604 (32) 02/02/2023 (33) JP
- (71) Hyundai Motor Company; Kia Corporation
(21) 10202303241U (22) 16/11/2023
(54) TRAINING SYSTEM FOR COMPUTER VISION MODEL
(31) 10-2023-0147105 (32) 30/10/2023 (33) KR
- (71) IC ANALYTICA, LLC
(21) 11202309841Q (22) 24/06/2022
(54) APPARATUS AND METHOD FOR IMPLEMENTING A SCALABLE DIGITAL INFRASTRUCTURE FOR MEASURING RING OSCILLATORS
(31) 63/215,044 (32) 25/06/2021 (33) US
(86) PCT/US2022/034851 (87) WO/2022/272029

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(71) IC ANALYTICA, LLC

(21) 11202309880R

(22) 24/06/2022

(54) APPARATUS AND METHOD FOR SETTING A PRECISE VOLTAGE ON TEST CIRCUITS

(31) 63/215,050

(32) 25/06/2021

(33) US

(86) PCT/US2022/034852

(87) WO/2022/272030

(71) IHI CORPORATION

(21) 11202309763V

(22) 17/03/2022

(54) ROAD SURFACE CONDITION DETERMINATION SYSTEM, ROAD SURFACE CONDITION DETERMINATION DEVICE, VEHICLE DRIVING CONTROL DEVICE, AND ROAD SURFACE CONDITION DETERMINATION METHOD

(31) 2021-107604

(32) 29/06/2021

(33) JP

(86) PCT/JP2022/012216

(87) WO/2023/276321

(71) ILLUMINA, INC.

(21) 10202303405P

(22) 05/01/2018

(54) PHASING CORRECTION

(31) 62/443,294

(32) 06/01/2017

(33) US

(71) ILLUMINA, INC.

(21) 11202309359Q

(22) 13/06/2022

(54) GENOTYPING VARIABLE NUMBER TANDEM REPEATS

(31) 63/210,294

(32) 14/06/2021

(33) US

(86) PCT/US2022/033260

(87) WO/2022/265995

(71) ILLUMINA, INC.

(21) 10202303491Q

(22) 05/01/2018

(54) METHODS AND SYSTEMS FOR GENERATION AND ERROR-CORRECTION OF UNIQUE MOLECULAR INDEX SETS WITH HETEROGENEOUS MOLECULAR LENGTHS

(31) 62/447,851

(32) 18/01/2017

(33) US

(71) ILLUMINA, INC.

(21) 11202309544T

(22) 23/06/2022

(54) METHODS AND COMPOSITIONS FOR COMBINATORIAL INDEXING OF BEAD-BASED NUCLEIC ACIDS

(31) 63/214,693

(32) 24/06/2021

(33) US

(86) PCT/US2022/034734

(87) WO/2022/271954

(71) ILLUMINA, INC.

(21) 11202309562U

(22) 03/11/2022

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(54) APPARATUS AND METHODS FOR CONTROLLING HEATING OF AN OBJECTIVE IN A LINESCANNING SEQUENCING SYSTEM TO IMPROVE RESOLUTION

(31) 63/277,992	(32) 10/11/2021	(33) US
(31) 63/282,555	(32) 23/11/2021	(33) US
(86) PCT/US2022/048832	(87) WO/2023/086263	

(71) ILLUMINA, INC.

(21) 11202309866P (22) 15/03/2023

(54) METHODS FOR PREPARING SIGNALS FOR CONCURRENT SEQUENCING

(31) 63/269,383	(32) 15/03/2022	(33) US
(31) 63/439,415	(32) 17/01/2023	(33) US
(31) 63/439,417	(32) 17/01/2023	(33) US
(31) 63/439,438	(32) 17/01/2023	(33) US
(31) 63/439,443	(32) 17/01/2023	(33) US
(31) 63/439,466	(32) 17/01/2023	(33) US
(31) 63/439,491	(32) 17/01/2023	(33) US
(31) 63/439,501	(32) 17/01/2023	(33) US
(31) 63/439,519	(32) 17/01/2023	(33) US
(31) 63/439,522	(32) 17/01/2023	(33) US
(86) PCT/EP2023/056626	(87) WO/2023/175013	

(71) ILLUMINA, INC.

(21) 11202309963X (22) 02/06/2022

(54) SIGNAL-TO-NOISE-RATIO METRIC FOR DETERMINING NUCLEOTIDE-BASE CALLS AND BASE-CALL QUALITY

(31) 63/216,401	(32) 29/06/2021	(33) US
(86) PCT/US2022/072737	(87) WO/2023/278927	

(71) ILLUMINA, INC.

(21) 11202309965Q (22) 29/06/2022

(54) SELF-LEARNED BASE CALLER, TRAINED USING ORGANISM SEQUENCES

(31) 63/216,404	(32) 29/06/2021	(33) US
(31) 63/216,419	(32) 29/06/2021	(33) US
(31) 17/830,287	(32) 01/06/2022	(33) US
(31) 17/830,316	(32) 01/06/2022	(33) US
(86) PCT/US2022/035567	(87) WO/2023/278609	

(71) ILLUMINA, INC.

(21) 11202309966W (22) 29/06/2022

(54) SELF-LEARNED BASE CALLER, TRAINED USING OLIGO SEQUENCES

(31) 63/216,404	(32) 29/06/2021	(33) US
(31) 63/216,419	(32) 29/06/2021	(33) US
(31) 17/830,287	(32) 01/06/2022	(33) US

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(31) 17/830,316	(32) 01/06/2022	(33) US
(86) PCT/US2022/035564	(87) WO/2023/278608	
(71) ILLUMINA, INC.		
(21) 11202309994X	(22) 03/03/2023	
(54) MULTI-PASS SOFTWARE-ACCELERATED GENOMIC READ MAPPING ENGINE		
(31) 63/317,859	(32) 08/03/2022	(33) US
(86) PCT/US2023/063661	(87) WO/2023/172848	
(71) ILLUMINA, INC.		
(21) 11202309995W	(22) 22/08/2022	
(54) AUTOMATICALLY IDENTIFYING FAILURE SOURCES IN NUCLEOTIDE SEQUENCING FROM BASE-CALL-ERROR PATTERNS		
(31) 63/245,639	(32) 17/09/2021	(33) US
(86) PCT/US2022/075287	(87) WO/2023/044229	
(71) ILLUMINA, INC.		
(21) 11202309996Q	(22) 30/06/2022	
(54) EFFICIENT ARTIFICIAL INTELLIGENCE-BASED BASE CALLING OF INDEX SEQUENCES		
(31) 63/217,644	(32) 01/07/2021	(33) US
(31) 17/839,331	(32) 13/06/2022	(33) US
(86) PCT/US2022/035847	(87) WO/2023/278788	
(71) ILLUMINA, INC.		
(21) 11202310031R	(22) 19/07/2022	
(54) MACHINE-LEARNING MODEL FOR RECALIBRATING NUCLEOTIDE-BASE CALLS		
(31) 17/384,423	(32) 23/07/2021	(33) US
(86) PCT/US2022/073899	(87) WO/2023/004323	
(71) ILLUMINA, INC.		
(21) 11202310032P	(22) 24/06/2022	
(54) MACHINE-LEARNING MODEL FOR GENERATING CONFIDENCE CLASSIFICATIONS FOR GENOMIC COORDINATES		
(31) 63/216,382	(32) 29/06/2021	(33) US
(86) PCT/US2022/073160	(87) WO/2023/278966	
(71) ILLUMINA, INC.		
(21) 11202310033V	(22) 24/03/2023	
(54) SEQUENCE-TO-SEQUENCE BASE CALLING		
(31) 63/323,995	(32) 25/03/2022	(33) US
(86) PCT/US2023/064955	(87) WO/2023/183937	

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(71) ILLUMINA, INC.

(21) 11202310034X	(22) 15/03/2023	
(54) METHODS OF BASE CALLING NUCLEOBASES		
(31) 63/269,383	(32) 15/03/2022	(33) US
(31) 63/439,415	(32) 17/01/2023	(33) US
(31) 63/439,417	(32) 17/01/2023	(33) US
(31) 63/439,438	(32) 17/01/2023	(33) US
(31) 63/439,443	(32) 17/01/2023	(33) US
(31) 63/439,466	(32) 17/01/2023	(33) US
(31) 63/439,491	(32) 17/01/2023	(33) US
(31) 63/439,501	(32) 17/01/2023	(33) US
(31) 63/439,519	(32) 17/01/2023	(33) US
(31) 63/439,522	(32) 17/01/2023	(33) US
(86) PCT/EP2023/056672	(87) WO/2023/175043	

(71) ILLUMINA, INC.

(21) 11202310035W	(22) 28/07/2022	
(54) QUALITY SCORE CALIBRATION OF BASECALLING SYSTEMS		
(31) 63/226,707	(32) 28/07/2021	(33) US
(31) 17/839,387	(32) 13/06/2022	(33) US
(86) PCT/US2022/038729	(87) WO/2023/009758	

(71) ILLUMINA, INC.

(21) 11202310036Q	(22) 21/09/2022	
(54) COMPRESSED STATE-BASED BASE CALLING		
(31) 63/247,296	(32) 22/09/2021	(33) US
(31) 63/247,301	(32) 22/09/2021	(33) US
(31) 17/944,809	(32) 14/09/2022	(33) US
(31) 17/944,948	(32) 14/09/2022	(33) US
(86) PCT/US2022/044293	(87) WO/2023/049215	

(71) ILLUMINA, INC.

(21) 11202310037S	(22) 21/09/2022	
(54) STATE-BASED BASE CALLING		
(31) 63/247,296	(32) 22/09/2021	(33) US
(31) 63/247,301	(32) 22/09/2021	(33) US
(31) 17/944,809	(32) 14/09/2022	(33) US
(31) 17/944,948	(32) 14/09/2022	(33) US
(86) PCT/US2022/044290	(87) WO/2023/049212	

(71) ILLUMINA, INC.

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(21) 11202310064P	(22) 27/03/2023	
(54) SYSTEMS AND METHODS OF SEQUENCING POLYNUCLEOTIDES		
(31) 63/325,057	(32) 29/03/2022	(33) US
(86) PCT/US2023/016388	(87) WO/2023/192163	
(71) ILLUMINA, INC.		
(21) 11202310067Y	(22) 15/03/2023	
(54) METHODS OF DETERMINING SEQUENCE INFORMATION		
(31) 63/269,383	(32) 15/03/2022	(33) US
(31) 63/439,415	(32) 17/01/2023	(33) US
(31) 63/439,417	(32) 17/01/2023	(33) US
(31) 63/439,438	(32) 17/01/2023	(33) US
(31) 63/439,443	(32) 17/01/2023	(33) US
(31) 63/439,466	(32) 17/01/2023	(33) US
(31) 63/439,491	(32) 17/01/2023	(33) US
(31) 63/439,501	(32) 17/01/2023	(33) US
(31) 63/439,519	(32) 17/01/2023	(33) US
(31) 63/439,522	(32) 17/01/2023	(33) US
(86) PCT/EP2023/056653	(87) WO/2023/175026	
(71) IMCYSE SA		
(21) 11202309135T	(22) 29/06/2022	
(54) PEPTIDES AND METHODS FOR THE TREATMENT OF NEUROMYELITIS OPTICA		
(31) 21182499.0	(32) 29/06/2021	(33) EP
(86) PCT/EP2022/067825	(87) WO/2023/275108	
(71) IMMATICS BIOTECHNOLOGIES GMBH		
(21) 10202303514U	(22) 17/09/2019	
(54) B*44 RESTRICTED PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CANCERS AND RELATED METHODS		
(31) 10 2018 122 623.3	(32) 17/09/2018	(33) DE
(31) 62/732,300	(32) 17/09/2018	(33) US
(71) IMMATICS BIOTECHNOLOGIES GMBH		
(21) 10202303576W	(22) 07/12/2017	
(54) NOVEL T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME		
(31) 10 2016 123 847.3	(32) 08/12/2016	(33) DE
(31) 62/431,588	(32) 08/12/2016	(33) US
(71) IMMUNICOM, INC.		
(21) 11202309594W	(22) 17/06/2022	
(54) MODIFIED TNF AS A CAPTURE LIGAND		

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(31) 63/211,709 (32) 17/06/2021 (33) US
(86) PCT/US2022/034099 (87) WO/2022/266507

(71) INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS

(21) 11202309505U (22) 17/06/2022

(54) PRECISION MEDICINE FOR SCHIZOPHRENIA AND PSYCHOTIC DISORDERS: OBJECTIVE ASSESSMENT, RISK PREDICTION, PHARMACOGENOMICS, AND REPURPOSED DRUGS

(31) 17/351,132 (32) 17/06/2021 (33) US
(86) PCT/US2022/033919 (87) WO/2022/266407

(71) INEOS STYROLUTION GROUP GMBH

(21) 11202309189U (22) 14/06/2022

(54) HIGH CLARITY AND DUCTILE MOLDING COMPOSITION COMPRISING A SMMA COPOLYMER AND A SBC-BLOCK COPOLYMER

(31) 21179715.4 (32) 16/06/2021 (33) EP
(86) PCT/EP2022/066170 (87) WO/2022/263445

(71) INHIBRX, INC.

(21) 10202303481W (22) 11/01/2017

(54) MULTIVALENT AND MULTISPECIFIC OX40-BINDING FUSION PROTEINS

(31) 62/277,027 (32) 11/01/2016 (33) US

(71) INNOLAKE BIOPHARMA (HANGZHOU) CO., LTD.

(21) 11202309290S (22) 06/06/2022

(54) A GROUP OF B7H3 MONOCLONAL ANTIBODIES AND MEDICAL USE THEREOF

(31) 202110639996.0 (32) 09/06/2021 (33) CN
(86) PCT/CN2022/097193 (87) WO/2022/257893

(71) INNOVENT BIOLOGICS (SUZHOU) CO., LTD.

(21) 11202309277S (22) 02/06/2022

(54) BISPECIFIC BINDING MOLECULE BINDING TO VEGF AND ANG2 AND USE THEREOF

(31) 202110623779.2 (32) 04/06/2021 (33) CN
(86) PCT/CN2022/096848 (87) WO/2022/253314

(71) INOVIO PHARMACEUTICALS, INC.

(21) 11202309740Q (22) 30/06/2022

(54) SIDE-PORT INJECTION DEVICES FOR USE WITH ELECTROPORATION, AND RELATED SYSTEMS AND METHODS

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(31) 63/217,069	(32) 30/06/2021	(33) US
(86) PCT/US2022/035857	(87) WO/2023/278796	
(71) INSTANT BRANDS HOLDINGS INC.		
(21) 11202309825Q	(22) 30/06/2022	
(54) CONTAINERS		
(31) 63/217,548	(32) 01/07/2021	(33) US
(86) PCT/US2022/035671	(87) WO/2023/278662	
(71) INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES		
(21) 11202308961Q	(22) 29/09/2021	
(54) METHOD FOR CONSTRUCTING NAME MAPPING AND RESOLUTION SYSTEM OF DISTRIBUTED HIERARCHICAL DELAY PROVISION		
(31) 202110677688.7	(32) 18/06/2021	(33) CN
(31) 202111137585.8	(32) 27/09/2021	(33) CN
(86) PCT/CN2021/121622	(87) WO/2022/262145	
(71) INSTITUTIONAL CAPITAL NETWORK, INC.		
(21) 11202309319R	(22) 01/03/2022	
(54) SYSTEMS, METHODS, AND MEDIA FOR GENERATING DOCUMENTS CONTAINING CONFIDENTIAL INFORMATION		
(31) 17/356,097	(32) 23/06/2021	(33) US
(31) 17/356,109	(32) 23/06/2021	(33) US
(31) 17/356,104	(32) 23/06/2021	(33) US
(31) 17/567,640	(32) 03/01/2022	(33) US
(86) PCT/US2022/018380	(87) WO/2022/271215	
(71) INSTITUTO NACIONAL DE INVESTIGACIONES NUCLEARES		
(21) 11202308249V	(22) 14/10/2021	
(54) RADIOPHARMACEUTICALS BASED ON ((R) -1 - ((6- HYDRAZINYLNICOTINOYL)-D-ALANYL)PYRROLIDIN-2-YL)BORONIC ACID (HYNIC-IFAP) FOR DETECTION OF FIBROBLAST ACTIVATION PROTEIN OVEREXPRESSION		
(31) MX/a/2021/005089	(32) 30/04/2021	(33) MX
(86) PCT/MX2021/050055	(87) WO/2022/231410	
(71) INTEGRAL GEOMETRY SCIENCE INC.		
(21) 11202309486R	(22) 09/06/2022	
(54) IMAGING DEVICE AND IMAGING METHOD		
(31) 2021-098329	(32) 11/06/2021	(33) JP
(86) PCT/JP2022/023224	(87) WO/2022/260112	
(71) INTEL CORPORATION		

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(21) 10202303125W	(22) 29/12/2017	
(54) MICROELECTRONIC ASSEMBLIES		
(71) INTELLIA THERAPEUTICS, INC.		
(21) 11202309299Q	(22) 22/06/2022	
(54) METHODS FOR IN VIVO EDITING OF A LIVER GENE		
(31) 63/202,744	(32) 22/06/2021	(33) US
(31) 63/202,812	(32) 25/06/2021	(33) US
(31) 63/263,466	(32) 03/11/2021	(33) US
(31) 63/264,435	(32) 22/11/2021	(33) US
(31) 63/314,878	(32) 28/02/2022	(33) US
(86) PCT/US2022/034454	(87) WO/2022/271780	
(71) INTERDIGITAL PATENT HOLDINGS, INC.		
(21) 11202309539R	(22) 20/06/2022	
(54) ENHANCED CHANNEL SOUNDING PROTOCOLS FOR WLAN SYSTEMS		
(31) 63/212,329	(32) 18/06/2021	(33) US
(31) 63/252,854	(32) 06/10/2021	(33) US
(86) PCT/US2022/034161	(87) WO/2022/266531	
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION		
(21) 11202308911S	(22) 09/06/2022	
(54) REFORMATTING OF TENSORS TO PROVIDE SUB-TENSORS		
(31) 17/350,528	(32) 17/06/2021	(33) US
(86) PCT/EP2022/065666	(87) WO/2022/263280	
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION		
(21) 11202308914U	(22) 09/06/2022	
(54) NEURAL NETWORK PROCESSING ASSIST INSTRUCTION		
(31) 17/350,393	(32) 17/06/2021	(33) US
(86) PCT/EP2022/065677	(87) WO/2022/263282	
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION		
(21) 11202308950S	(22) 09/06/2022	
(54) SINGLE FUNCTION TO PERFORM MULTIPLE OPERATIONS WITH DISTINCT OPERATION PARAMETER VALIDATION		
(31) 17/350,550	(32) 17/06/2021	(33) US
(86) PCT/EP2022/065660	(87) WO/2022/263277	
(71) INVENTIO AG		
(21) 11202309265V	(22) 01/06/2022	

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) SUPPORT STRUCTURE OF AN ESCALATOR OR A MOVING WALKWAY

(31) 21178925.0 (32) 11/06/2021 (33) EP
(86) PCT/EP2022/064867 (87) WO/2022/258449

(71) INVENTIO AG

(21) 11202309412Y (22) 01/06/2022

(54) PEOPLE-TRANSPORTING SYSTEM HAVING A GUIDE MEANS IN THE ENTRY REGIONS

(31) 21179815.2 (32) 16/06/2021 (33) EP
(86) PCT/EP2022/064858 (87) WO/2022/263170

(71) INVENTIO AG

(21) 11202309874S (22) 28/06/2022

(54) Elevator installation and operating and/or display panel for an elevator installation

(31) 21182775.3 (32) 30/06/2021 (33) EP
(86) PCT/EP2022/067644 (87) WO/2023/274996

(71) IONIS PHARMACEUTICALS, INC.

(21) 11202309325S (22) 17/06/2022

(54) COMPOUNDS AND METHODS FOR REDUCING IFNAR1 EXPRESSION

(31) 63/212,454 (32) 18/06/2021 (33) US
(86) PCT/US2022/033935 (87) WO/2022/266414

(71) IONTRA INC

(21) 11202309943T (22) 01/07/2022

(54) SYSTEMS AND METHODS FOR IMPEDANCE MEASUREMENT OF A BATTERY CELL

(31) 63/217,660 (32) 01/07/2021 (33) US
(86) PCT/US2022/035996 (87) WO/2023/278861

(71) IPG PHOTONICS CORPORATION

(21) 11202309569V (22) 20/06/2022

(54) CLEANING FUNCTIONALITY IN HANDHELD LASER SYSTEM

(31) 63/212,280 (32) 18/06/2021 (33) US
(31) 63/242,175 (32) 09/09/2021 (33) US
(86) PCT/US2022/034158 (87) WO/2022/266530

(71) IPG PHOTONICS CORPORATION

(21) 11202309570V (22) 20/06/2022

(54) MATERIAL PROCESSING FUNCTIONALITY IN HANDHELD LASER SYSTEM

(31) 63/212,290 (32) 18/06/2021 (33) US
(86) PCT/US2022/034172 (87) WO/2022/266534

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(71) IQM FINLAND OY
(21) 11202309875V (22) 13/07/2021
(54) APPARATUS, ARRANGEMENT AND METHOD FOR ELECTROMAGNETIC ISOLATION FOR QUANTUM COMPUTING CIRCUIT
(86) PCT/FI2021/050532 (87) WO/2023/285727

(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11202309511Y (22) 08/06/2022
(54) NAVIGATION SYSTEM AND METHOD WITH CONTINUOUSLY UPDATING ML
(31) 284155 (32) 17/06/2021 (33) IL
(86) PCT/IL2022/050610 (87) WO/2022/264120

(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11202309798Q (22) 22/06/2022
(54) SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DETECTION OF GNSS JAMMERS
(31) 284739 (32) 07/07/2021 (33) IL
(86) PCT/IL2022/050669 (87) WO/2023/281489

(71) ITRON, INC.
(21) 10202303411T (22) 04/12/2023
(54) FORCED FORWARDING ADDRESSING COMMUNICATIONS
(31) 18/069,130 (32) 20/12/2022 (33) US

(71) ITRON, INC.
(21) 10202303425R (22) 05/12/2023
(54) MANAGEMENT OF MESSAGE TRANSMISSION USING FORWARD ERROR CORRECTION
(31) 18/069,575 (32) 21/12/2022 (33) US

(71) Incyte Holdings Corporation
(21) 10202303407U (22) 12/06/2013
(54) SUBSTITUTED TRICYCLIC COMPOUNDS AS FGFR INHIBITORS
(31) 61/659,245 (32) 13/06/2012 (33) US
(31) 61/691,463 (32) 21/08/2012 (33) US
(31) 61/740,012 (32) 20/12/2012 (33) US
(31) 61/774,841 (32) 08/03/2013 (33) US

(71) Itron, Inc.
(21) 10202303410Y (22) 04/12/2023

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(54) VOLTAGE GRID ANOMALY DETECTION

(31) 18/089,353 (32) 27/12/2022 (33) US

(71) Itron, Inc.

(21) 10202303572S (22) 19/12/2023

(54) OBTAINING SECURE TIME OVER A HETEROGENEOUS NETWORK

(31) 18/174,476 (32) 24/02/2023 (33) US

(71) Itron, Inc.

(21) 10202303611U (22) 22/12/2023

(54) ELECTRICITY METER AND SYSTEM HARDENED AGAINST ATTACK VECTORS

(31) 63/443,308 (32) 03/02/2023 (33) US

(31) 18/375,947 (32) 02/10/2023 (33) US

(71) J-OIL MILLS, INC.

(21) 11202309328Y (22) 14/06/2022

(54) TEXTURIZED-PROTEIN FOOD INGREDIENT

(31) 2021-098974 (32) 14/06/2021 (33) JP

(86) PCT/JP2022/023835 (87) WO/2022/265019

(71) J-OIL MILLS, INC.

(21) 11202309560Q (22) 23/06/2022

(54) COATING MATERIAL FOR FRIED FOOD

(31) 2021-113287 (32) 08/07/2021 (33) JP

(86) PCT/JP2022/025056 (87) WO/2023/282073

(71) J-OIL MILLS, INC.

(21) 11202309561W (22) 23/06/2022

(54) DUSTING POWDER FOR FRIED FOOD

(31) 2021-113288 (32) 08/07/2021 (33) JP

(86) PCT/JP2022/025057 (87) WO/2023/282074

(71) JANSSEN PHARMACEUTICA NV

(21) 11202309384W (22) 16/06/2022

(54) (R)-N-ETHYL-5-FLUORO-N-ISOPROPYL-2-((5-(2-(6-((2-METHOXYETHYL)(METHYL)AMINO)-2-METHYLHEXAN-3-YL)-2,6-DIAZASPIRO[3.4]OCTAN-6-YL)-1,2,4-TRIAZIN-6-YL)OXY)BENZAMIDE BESYLATE SALT FOR THE TREATMENT OF DISEASES SUCH AS CANCER

(31) PCT/CN2021/100466 (32) 17/06/2021 (33) CN

(31) PCT/CN2022/091677 (32) 09/05/2022 (33) CN

(86) PCT/CN2022/099089 (87) WO/2022/262796

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) JANSSEN PHARMACEUTICALS, INC.

(21) 11202309945P

(22) 28/06/2022

(54) PROCESSES FOR THE PREPARATION OF (S)-2-(4-CHLORO-2-METHOXYPHENYL)-2-((3-METHOXY-5-(METHYLSULFONYL)PHENYL)AMINO)-1-(1H-INDOL-3-YL)ETHENONE DERIVATIVES

(31) PCT/CN2021/103244

(32) 29/06/2021

(33) CN

(31) PCT/CN2022/091064

(32) 06/05/2022

(33) CN

(86) PCT/CN2022/101942

(87) WO/2023/274237

(71) JAPAN ELECTRONIC MATERIALS CORPORATION

(21) 11202309400U

(22) 10/06/2021

(54) PROBE CARD

(86) PCT/JP2021/022080

(87) WO/2022/259454

(71) JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD

(21) 11202309432U

(22) 28/06/2022

(54) ANTI-CD40 ANTIBODY, ANTIGEN-BINDING FRAGMENT AND MEDICAL USE THEREOF

(31) 202110722124.0

(32) 28/06/2021

(33) CN

(86) PCT/CN2022/101780

(87) WO/2023/274201

(71) JINGDONG TECHNOLOGY HOLDING CO., LTD.

(21) 11202309046W

(22) 13/04/2022

(54) METHOD AND APPARATUS FOR DATA EXCHANGE

(31) 202110697338.7

(32) 23/06/2021

(33) CN

(86) PCT/CN2022/086490

(87) WO/2022/267635

(71) JINGDONG TECHNOLOGY INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309216U

(22) 12/05/2022

(54) ROBOTIC ARM CONTROL METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM

(31) 202110626122.1

(32) 04/06/2021

(33) CN

(86) PCT/CN2022/092572

(87) WO/2022/252959

(71) JINGDONG TECHNOLOGY INFORMATION TECHNOLOGY CO., LTD.

(21) 11202309366U

(22) 06/04/2022

(54) METHOD FOR RECOGNIZING TEXT, AND APPARATUS

(31) 202110632180.5

(32) 07/06/2021

(33) CN

(86) PCT/CN2022/085317

(87) WO/2022/257578

(71) JOHANN WOLFGANG GOETHE-UNIVERSITÄT FRANKFURT

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

- (21) 11202309534U (22) 23/06/2022
(54) G- QUADRUPLEX- CONTAINING OLIGONUCLEOTIDES FOR PREVENTIVE AND THERAPEUTIC TREATMENT
(31) 21181596.4 (32) 24/06/2021 (33) EP
(86) PCT/EP2022/067290 (87) WO/2022/269013
- (71) JOINT STOCK COMPANY «BIOCAD»
(21) 11202309755R (22) 04/07/2022
(54) PHARMACEUTICAL COMPOSITION OF NON-ENVELOPED VIRUS
(31) 2021120143 (32) 08/07/2021 (33) RU
(86) PCT/RU2022/050212 (87) WO/2023/282796
- (71) JPMORGAN CHASE BANK, N.A.
(21) 11202309559U (22) 07/07/2022
(54) SYSTEMS AND METHODS FOR CONTEXTUAL MESSAGING AND INFORMATION ROUTING IN A DISTRIBUTED LEDGER NETWORK
(31) 63/219,299 (32) 07/07/2021 (33) US
(86) PCT/US2022/073518 (87) WO/2023/283607
- (71) JPMORGAN CHASE BANK, N.A.
(21) 11202309831P (22) 25/05/2022
(54) CONTAINER APPLICATION FOR MICROSERVICES FRONT END DESKTOP
(31) 17/354,700 (32) 22/06/2021 (33) US
(86) PCT/US2022/030898 (87) WO/2022/271392
- (71) JUBILEE INTERNATIONAL BIOMEDICAL CO., LTD.
(21) 10202303604V (22) 22/12/2023
(54) DEVICE FOR TREATING USER'S SKIN USING PLASMA
- (71) JURA ELEKTROAPPARATE AG
(21) 11202309205S (22) 24/05/2022
(54) DEVICE AND METHOD FOR THE GRINDING OF GRINDING MATERIAL
(31) 21177220.7 (32) 01/06/2021 (33) EP
(86) PCT/EP2022/064065 (87) WO/2022/253639
- (71) JURA ELEKTROAPPARATE AG
(21) 11202309262T (22) 24/05/2022
(54) METHOD FOR GRINDING MATERIAL TO BE GROUND
(31) 21177222.3 (32) 01/06/2021 (33) EP
(86) PCT/EP2022/064020 (87) WO/2022/253633

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) JUVENA THERAPEUTICS, INC.

(21) 11202309846U (22) 10/06/2022
(54) REGENERATIVE POLYPEPTIDES AND USES THEREOF
(31) 63/259,088 (32) 21/06/2021 (33) US
(86) PCT/US2022/033059 (87) WO/2022/271466

(71) JW PHARMACEUTICAL CORPORATION

(21) 11202309718Y (22) 22/06/2022
(54) NOVEL CRYSTALLINE FORM OF 1-(8-BROMOPYRIDO[2,3-E][1,2,4]TRIAZOLO[4,3-A]PYRAZIN-4-YL)-N-METHYLAZETIDIN-3-AMINE HEMISUCCINATE
(31) 21181009.8 (32) 22/06/2021 (33) EP
(86) PCT/EP2022/066945 (87) WO/2022/268849

(71) KALIVIR IMMUNOTHERAPEUTICS, INC.

(21) 11202309554V (22) 15/06/2022
(54) TNFSF-L FUSION PROTEINS AND USES THEREOF
(31) 63/211,766 (32) 17/06/2021 (33) US
(86) PCT/US2022/033524 (87) WO/2022/266163

(71) KAO CORPORATION

(21) 11202309859V (22) 29/06/2022
(54) AQUEOUS MICROCAPSULE DISPERSION
(31) 2021-109562 (32) 30/06/2021 (33) JP
(86) PCT/JP2022/026083 (87) WO/2023/277099

(71) KARIO, Daniel; LEVY, Nir

(21) 11202306300V (22) 15/06/2022
(54) SYSTEM, APPARATUS, AND METHOD OF SURVEILLANCE
(31) 63/212,546 (32) 18/06/2021 (33) US
(86) PCT/IB2022/055538 (87) WO/2022/264055

(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA

(21) 11202309348V (22) 10/06/2022
(54) CARGO SHIP
(31) 2021-101107 (32) 17/06/2021 (33) JP
(86) PCT/JP2022/023480 (87) WO/2022/264942

(71) KEWPIE CORPORATION; KEWPIE EGG CORPORATION

(21) 11202308990Q (22) 16/06/2021
(54) SCRAMBLED-EGG-LIKE FOOD PRODUCT AND COOKED-EGG-LIKE FOOD PRODUCT

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- (86) PCT/JP2021/022914 (87) WO/2022/264330
- (71) KH NEOCHEM CO., LTD.
 (21) 11202309187R (22) 30/05/2022
 (54) METHOD FOR PRODUCING GLYCOPEPTIDE
 (31) 2021-091853 (32) 31/05/2021 (33) JP
 (86) PCT/JP2022/021875 (87) WO/2022/255289
- (71) KIMURA, Kenjiro
 (21) 11202309664U (22) 14/06/2022
 (54) IMAGING DEVICE AND IMAGING METHOD
 (31) 2021-100909 (32) 17/06/2021 (33) JP
 (86) PCT/JP2022/023828 (87) WO/2022/265017
- (71) KITE PHARMA, INC.
 (21) 11202309704V (22) 29/06/2022
 (54) A METHOD FOR IDENTIFYING VARIANTS IN GENE PRODUCTS FROM GENE CONSTRUCTS USED IN CELL THERAPY APPLICATIONS
 (31) 63/217,933 (32) 02/07/2021 (33) US
 (86) PCT/US2022/035585 (87) WO/2023/278619
- (71) KITE PHARMA, INC.
 (21) 11202309932T (22) 29/07/2022
 (54) MONITORING AND MANAGEMENT OF CELL THERAPY-INDUCED TOXICITIES
 (31) 63/227,677 (32) 30/07/2021 (33) US
 (31) 63/279,615 (32) 15/11/2021 (33) US
 (86) PCT/US2022/074306 (87) WO/2023/010114
- (71) KNAUF GIPS KG
 (21) 11202309827R (22) 08/07/2022
 (54) BOARD WITH FIBER-REINFORCED DENSE LAYER
 (31) 63/220,245 (32) 09/07/2021 (33) US
 (31) 63/295,016 (32) 30/12/2021 (33) US
 (31) 17/855,732 (32) 30/06/2022 (33) US
 (86) PCT/IB2022/056336 (87) WO/2023/281460
- (71) KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH
 (21) 11202309209P (22) 06/07/2022
 (54) SHUTOFF VALVE FOR A PRESSURE MEDIUM SYSTEM OF A RAIL VEHICLE, PRESSURE MEDIUM SYSTEM FOR A RAIL VEHICLE, AND RAIL VEHICLE
 (31) 10 2021 118 310.3 (32) 15/07/2021 (33) DE
 (86) PCT/EP2022/068752 (87) WO/2023/285239

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(71) KOBELCO CONSTRUCTION MACHINERY CO., LTD.

(21) 11202309390Q

(22) 10/02/2022

(54) BACKSTOP

(31) 2021-098925

(32) 14/06/2021

(33) JP

(86) PCT/JP2022/005333

(87) WO/2022/264497

(71) KOKUSAI ELECTRIC CORPORATION

(21) 11202309648Q

(22) 18/06/2021

(54) PROCESSING METHOD, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE,
PROCESSING APPARATUS, AND PROGRAM

(86) PCT/JP2021/023275

(87) WO/2022/264430

(71) KONINKLIJKE DOUWE EGBERTS B.V.

(21) 11202309499U

(22) 14/06/2022

(54) A METHOD FOR THE MANUFACTURE OF A FOAMING COFFEE POWDER AND COFFEE
POWDER RESULTING THEREFROM

(31) 2108784.6

(32) 18/06/2021

(33) GB

(86) PCT/EP2022/066229

(87) WO/2022/263470

(71) KONINKLIJKE DOUWE EGBERTS B.V.

(21) 11202309526Y

(22) 27/06/2022

(54) NON-DAIRY CREAMER COMPOSITION

(31) 2109283.8

(32) 28/06/2021

(33) GB

(86) PCT/EP2022/067554

(87) WO/2023/274952

(71) KOREA ATOMIC ENERGY RESEARCH INSTITUTE;INDUSTRY ACADEMY COOPERATION
FOUNDATION OF SEJONG UNIVERSITY

(21) 11202309203Q

(22) 16/06/2022

(54) ANTI-TM4SF4 HUMANIZED ANTIBODY AND USE THEREOF

(31) 10-2021-0079629

(32) 18/06/2021

(33) KR

(86) PCT/KR2022/008570

(87) WO/2022/265439

(71) KPR U.S., LLC

(21) 10202303579U

(22) 28/06/2018

(54) MONITORING VITAL PARAMETERS OF A COMPRESSION GARMENT WEARER

(31) 62/527,155

(32) 30/06/2017

(33) US

(71) KPX CHEMICAL CO., LTD

(21) 11202309115R

(22) 24/08/2022

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(54) METHOD FOR MANUFACTURING POLISHING PAD WINDOW, AND POLISHING PAD WINDOW MANUFACTURED THEREBY

(31) 10-2022-0008594 (32) 20/01/2022 (33) KR
(86) PCT/KR2022/012667 (87) WO/2023/140450

(71) KY7 INC.

(21) 11202309356Y (22) 14/06/2022
(54) LID, COMBINATION OF CONTAINER AND LID, AND CONTAINER WITH LID
(31) 2021-099797 (32) 15/06/2021 (33) JP
(31) 2021-132093 (32) 13/08/2021 (33) JP
(31) 2021-183765 (32) 10/11/2021 (33) JP
(31) 2022-000005 (32) 01/01/2022 (33) JP
(31) 2022-018335 (32) 08/02/2022 (33) JP
(31) 63/344,399 (32) 20/05/2022 (33) US
(31) 2022-083460 (32) 21/05/2022 (33) JP
(31) 2022-088116 (32) 30/05/2022 (33) JP
(31) 2022-089977 (32) 01/06/2022 (33) JP
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(71) KYOTO UNIVERSITY; SUMITOMO PHARMA CO., LTD.

(21) 11202309571Q (22) 16/06/2022
(54) METHOD FOR PRODUCING CEREBRAL CORTICAL CELL PREPARATION DERIVED FROM HUMAN PLURIPOTENT STEM CELLS
(31) 63/211,622 (32) 17/06/2021 (33) US
(86) PCT/JP2022/024226 (87) WO/2022/265086

(71) Kajima Corporation

(21) 10202303416W (22) 04/12/2023
(54) FRAME BODY INSTALLATION SYSTEM
(31) 2022-212235 (32) 28/12/2022 (33) JP

(71) Kemin Industries, Inc.

(21) 10202303412S (22) 04/12/2023
(54) SYSTEMS AND METHODS FOR SIMULATING, COMPARING, AND ADJUSTING TEXTILE PROCESSING SYSTEMS TO HAVE IMPROVED IMPACT ON FINANCIAL AND ENVIRONMENTAL SUSTAINABILITY
(31) 63/451,072 (32) 09/03/2023 (33) US

(71) Kim Jae Hyun; J WON Tech. Corporation

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(54) STEEL BAR GRIPPING APPARATUS
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(54) INTEGRATION OF AMMONIA FUEL FOR SMR FOR HYDROGEN PRODUCTION

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(33) US

(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES
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(54) SUBLIMATION GAS SUPPLY SYSTEM AND SUBLIMATION GAS SUPPLY METHOD WITH
BUFFER TANK

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GEORGES CLAUDE

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(54) GALLIUM PRECURSORS FOR DEPOSITION OF GALLIUM-CONTAINING OXIDE FILMS

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(71) L'air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude

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(54) Method And Apparatus For Separating A Gas Mixture Containing Carbon Dioxide

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(71) LAEKNA THERAPEUTICS SHANGHAI CO., LTD.

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(54) DEPLETION OF ACTIVATED HEPATIC STELLATE CELLS (HSCS) AND USES THEREOF

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(71) LAM RESEARCH CORPORATION

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(54) APPARATUS FOR CLEANING PLASMA CHAMBERS

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(71) LAM WEI JIE
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 (54) Waste water slump

(71) LANDIS+GYR TECHNOLOGY, INC.
 (21) 11202309967R (22) 06/06/2022
 (54) SERVICE LOCATION ANOMALIES
 (31) 63/216,375 (32) 29/06/2021 (33) US
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(71) LEMON INC.
 (21) 11202309360V (22) 19/07/2022
 (54) SHARE BASED AUGMENTED REALITY CONTENT SERVICE SYSTEM
 (31) 17/394,390 (32) 04/08/2021 (33) US
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(71) LEMON INC.
 (21) 11202309454P (22) 14/07/2022
 (54) MULTIMEDIA PROCESSING METHOD, APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM
 (31) 202110802038.0 (32) 15/07/2021 (33) CN
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(71) LEONARDO S.P.A
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 (31) 21180396.0 (32) 18/06/2021 (33) EP
 (86) PCT/IB2022/054828 (87) WO/2022/263947

(71) LEONARDO S.P.A
 (21) 11202309156X (22) 24/05/2022
 (54) SERIES OF CONVERTIBLE AIRCRAFTS CAPABLE OF HOVERING AND METHOD FOR CONFIGURING A CONVERTIBLE AIRCRAFT CAPABLE OF HOVERING
 (31) 21180404.2 (32) 18/06/2021 (33) EP
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(21) 11202309242V (22) 24/05/2022
(54) SERIES OF CONVERTIBLE AIRCRAFT CAPABLE OF HOVERING AND METHOD FOR CONFIGURING A CONVERTIBLE AIRCRAFT CAPABLE OF HOVERING
(31) 21180435.6 (32) 18/06/2021 (33) EP
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- (71) LEONARDO S.P.A
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(54) METHOD FOR RECOVERING THE DIGITAL ERROR OF A DIGITAL ARRAY ANTENNA AFTER POWERING IT OFF/ON AGAIN
(31) 21425030.0 (32) 17/06/2021 (33) EP
(31) 102022000010826 (32) 24/05/2022 (33) IT
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- (71) LG CHEM, LTD.
(21) 11202309071W (22) 15/06/2022
(54) PHARMACEUTICAL COMPOSITION COMPRISING 1-(3-CYANO-1-ISOPROPYL-INDOL-5-YL)PYRAZOLE-4-CARBOXYLIC ACID
(31) 10-2021-0077709 (32) 15/06/2021 (33) KR
(86) PCT/KR2022/008444 (87) WO/2022/265378
- (71) LG CHEM, LTD.
(21) 11202309114W (22) 25/11/2022
(54) COMPOSITION FOR ENCAPSULANT FILM AND ENCAPSULANT FILM COMPRISING THE SAME
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- (71) LG CHEM, LTD.
(21) 11202309161U (22) 17/06/2022
(54) ORAL FORMULATION CONTAINING 1-(3-CYANO-1-ISOPROPYL-INDOL-5-YL)PYRAZOLE-4-CARBOXYLIC ACID
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(86) PCT/KR2022/008582 (87) WO/2022/265442
- (71) LG CHEM, LTD.
(21) 11202309676T (22) 01/07/2022
(54) METHOD FOR PREPARING INTERMEDIATE FOR SYNTHESIS OF XANTHINE OXIDASE INHIBITOR
(31) 10-2021-0087042 (32) 02/07/2021 (33) KR
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(21) 11202309679S

(22) 01/07/2022

(54) METHOD FOR PREPARING XANTHINE OXIDASE INHIBITOR

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(71) LI Xiaoyan

(21) 10202303631V

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(54) A CONDUCTIVE COMPOSITE MATERIAL AND SYNTHETIC FIBRE UNIT

(71) LIFE MOLECULAR IMAGING LIMITED

(21) 11202310050S

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(54) A NOVEL KIT FOR RADIOPHARMACEUTICAL PREPARATION OF A RADIOMETAL LABELED CHELATE-FUNCTIONALIZED TARGETING CONJUGATE

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(71) LIFE3 BIOTECH PTE. LTD.

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(54) SHELTERED OUTDOOR FARMING SYSTEM FOR FOOD CROPS

(71) LIFE3 BIOTECH PTE. LTD.

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(54) Protective functional Shelter for outdoor farming

(71) LIFE3 BIOTECH PTE. LTD.

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(54) Solar energy powered steel tank for farming

(71) LIFIKEYS TECHNOLOGY CORPORATION

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(54) HELMET CLEANING, STERILIZATION, DEODORIZATION AND DRYING SYSTEM AND METHOD

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(71) LIGHTCAST DISCOVERY LTD

(21) 11202309977Q

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(54) IMPROVEMENTS IN OR RELATING TO A MICROFLUIDIC DEVICE

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- (71) LIGHTSPEED PHOTONICS PTE LTD
 (21) 10202303380P (22) 29/11/2023
 (54) HEXAGONAL HEATSINK SYSTEM
 (31) 10202260267V (32) 30/11/2022 (33) SG
- (71) LIM YI CHIAN; ANDY LIM JIA HAO; MAO XINGYU; GEREND TOMASOUW
 (21) 10202303207X (22) 10/11/2023
 (54) Self Assembled Neuro Intelligence Technology
- (71) LIN, Chih Hung
 (21) 11202309904U (22) 22/08/2022
 (54) CHARGING DEVICE AND METHOD OF CHARGING AND REJUVENATING BATTERY
 (31) 17/357,764 (32) 24/06/2021 (33) US
 (86) PCT/US2022/041035 (87) WO/2022/272187
- (71) LITE-ON SINGAPORE PTE. LTD.
 (21) 10202303192S (22) 09/11/2023
 (54) Electrical Grid System
- (71) LYELL IMMUNOPHARMA, INC.
 (21) 10202303045T (22) 28/04/2021
 (54) METHODS FOR CULTURING CELLS
 (31) 63/016,907 (32) 28/04/2020 (33) US
- (71) LYELL IMMUNOPHARMA, INC.
 (21) 10202303624P (22) 23/11/2021
 (54) METHODS FOR MAKING, COMPOSITIONS COMPRISING, AND METHODS OF USING
 REJUVENATED T CELLS
 (31) 63/117,787 (32) 24/11/2020 (33) US
 (31) 63/153,881 (32) 25/02/2021 (33) US
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- (71) LZLABS GMBH
 (21) 10202303273S (22) 28/04/2017
 (54) CONTAINERIZED DEPLOYMENT OF MICROSERVICES BASED ON MONOLITHIC LEGACY
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- (71) Lenz Therapeutics, Inc.
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(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA

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(71) LightSpeed Photonics Pte Ltd

(21) 10202303384U

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(54) A THREE LAYER SYSTEM IN PACKAGE AND A METHOD OF ENABLING THEREOF

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(33) SG

(71) MAANSHAN IRON & STEEL CO., LTD

(21) 11202309312Q

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(54) HOT-ROLLED H-SHAPED STEEL AND PRODUCTION METHOD THEREFOR

(31) 202110671604.9

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(71) MACDERMID ENTHONE INC.

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(54) COMPLEX WAVEFORM FOR ELECTROLYTIC PLATING

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(86) PCT/US2022/030882

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(71) MACROGENICS, INC.

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(54) PHARMACEUTICAL COMPOSITIONS OF A PD-1 ANTIBODY AND USE OF THE SAME

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(71) MADEBYFLINT Pte. Ltd.

(21) 10202303678T

(22) 29/12/2023

(54) Hydrogel-Reinforced Cellulose Paper Battery Separator

(71) MAGENTA THERAPEUTICS, INC.

(21) 10202303281R

(22) 29/11/2018

(54) COMPOSITIONS AND METHODS FOR THE DEPLETION OF CD5+ CELLS

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(33) US

(71) MAHIDOL UNIVERSITY; RMA AUTOMOTIVE CO., LTD.

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(54) A MOBILIZED DIAGNOSTIC SYSTEM

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- (71) MANDAJI, Narsimha Chary
(21) 11202309686S (22) 15/06/2022
(54) A DEVICE WITH CUSTOMIZED INTEGRATED ELECTRONIC CIRCUIT FOR DESTROYING PATHOGENS
(31) 202141027063 (32) 17/06/2021 (33) IN
(86) PCT/IN2022/050548 (87) WO/2022/264169
- (71) MARS, INCORPORATED
(21) 11202309759T (22) 07/07/2022
(54) SYSTEM, METHOD, AND APPARATUS FOR PREDICTING GENETIC ANCESTRY
(31) 63/219,349 (32) 07/07/2021 (33) US
(86) PCT/US2022/036384 (87) WO/2023/283355
- (71) MAS Innovation (Private) Limited
(21) 10202303311Q (22) 23/11/2023
(54) INTERMITTENT PNEUMATIC COMPRESSION GARMENT WITH INTEGRATED STRETCH SENSOR FOR ENHANCED TREATMENT EFFICACY MONITORING
- (71) MAS Innovation (Private) Limited
(21) 10202303313S (22) 23/11/2023
(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH CONTROLLED PRESSURE AND SAFETY RELEASE MECHANISMS
- (71) MAS Innovation (Private) Limited
(21) 10202303315T (22) 23/11/2023
(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH GARMENT AIR BLADDERS ACTIVATING PRIMARY AND SECONDARY LYMPHATIC PATHWAYS
- (71) MAS Innovation (Private) Limited
(21) 10202303321W (22) 23/11/2023
(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH PERFORATED AIR BLADDERS FOR ENHANCED BREATHABILITY
- (71) MAS Innovation (Private) Limited
(21) 10202303323P (22) 23/11/2023
(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH INTEGRATED SKIN COOLING MECHANISM
- (71) MAS Innovation (Private) Limited
(21) 10202303325X (22) 23/11/2023

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(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH MECHANICALLY MOVING BLADDERS

(71) MAS Innovation (Private) Limited

(21) 10202303328R (22) 23/11/2023

(54) INTERMITTENT PNEUMATIC COMPRESSION DEVICE WITH PRETENSION BLADDER FOR BASE PRESSURE PRIOR TO ACTIVE TREATMENT

(71) MAS Innovation (Private) Limited

(21) 10202303614T (22) 22/12/2023

(54) POST-TREATMENT BRA

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE

(21) 11202309329P (22) 14/06/2022

(54) DEAMINASE-BASED RNA SENSORS

(31) 63/210,829 (32) 15/06/2021 (33) US

(31) 63/267,177 (32) 26/01/2022 (33) US

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(71) MASTERCARD INTERNATIONAL INCORPORATED

(21) 11202309903W (22) 25/07/2022

(54) METHOD AND SYSTEM OF BLOCKCHAIN DISBURSEMENTS

(31) 17/391,490 (32) 02/08/2021 (33) US

(86) PCT/US2022/038139 (87) WO/2023/014525

(71) MASTERCARD TECHNOLOGIES CANADA ULC

(21) 11202309709U (22) 29/07/2022

(54) TRUST SCORING SERVICE FOR FRAUD PREVENTION SYSTEMS

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(86) PCT/CA2022/051161 (87) WO/2023/004510

(71) MATERION CORPORATION

(21) 11202309785U (22) 24/06/2022

(54) MODULAR SPUTTERING TARGET WITH PRECIOUS METAL INSERT AND SKIRT

(31) 63/214,411 (32) 24/06/2021 (33) US

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(71) MEDIMMUNE LIMITED

(21) 11202309376W (22) 10/06/2022

(54) METHODS FOR TREATING ATOPIC DERMATITIS AND RELATED DISORDERS

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(71) MEDIPHAGE BIOCEUTICALS, INC.		
(21) 11202309338U	(22) 16/06/2022	
(54) EXPRESSION VECTORS, BACTERIAL SEQUENCE-FREE VECTORS, AND METHODS OF MAKING AND USING THE SAME		
(31) 63/211,343	(32) 16/06/2021	(33) US
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(71) MEDSHINE DISCOVERY INC.		
(21) 11202309801R	(22) 22/06/2022	
(54) SULFOXIMINE COMPOUND AND USE THEREOF		
(31) 202110694497.1	(32) 22/06/2021	(33) CN
(31) 202210002094.0	(32) 04/01/2022	(33) CN
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(86) PCT/CN2022/100435	(87) WO/2022/268119	
(71) MEETFUTURE TECHNOLOGY (SHANGHAI) CO., LTD.		
(21) 11202309062Y	(22) 30/09/2022	
(54) FALLING PREVENTION DEVICE AND AIR TRANSPORT VEHICLE		
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(86) PCT/CN2022/123435	(87) WO/2023/051809	
(71) MEIBAN INTERNATIONAL PTE. LTD.		
(21) 11202307152V	(22) 31/05/2022	
(54) Method of Making Flexible Tubing with Embedded Wire Conductor		
(86) PCT/SG2022/050368	(87) WO/2023/234849	
(71) MEIRAGTX UK II LIMITED		
(21) 11202309650T	(22) 17/06/2022	
(54) AAV MANUFACTURING METHODS		
(31) 63/211,877	(32) 17/06/2021	(33) US
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(71) MERCK PATENT GMBH		
(21) 11202309321U	(22) 28/07/2022	
(54) PRODUCTION OF DIORGANOTIN DIHALIDES		
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(71) MERCK PATENT GMBH

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(54) DEVELOPMENT OF NOVEL HYDROPHILIC PINNING MAT

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(71) MERCK PATENT GMBH

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(54) ANTI-PROTAC ANTIBODIES AND COMPLEXES

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(71) MERUS N.V.

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(54) BINDING MOLECULES THAT MODULATE A BIOLOGICAL ACTIVITY EXPRESSED BY A CELL

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(33) EP

(71) MERZ PHARMA GMBH & CO. KGAA

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(54) CROSS-LINKING POLYSACCHARIDE WITH FIBROIN AND USES OF THE OBTAINED MATERIAL

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(71) MESH BIO PTE. LTD.

(21) 11202309746S

(22) 20/04/2022

(54) METHOD AND SYSTEM FOR GENERATING A METABOLIC DIGITAL TWIN FOR CLINICAL DECISION SUPPORT

(31) 10202104045U

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(71) MESO SCALE TECHNOLOGIES, LLC

(21) 10202303437W

(22) 23/12/2019

(54) COMPOSITIONS AND METHODS FOR CARRYING OUT ASSAY MEASUREMENTS

(31) 62/787,892

(32) 03/01/2019

(33) US

(71) MESO SCALE TECHNOLOGIES, LLC.

(21) 11202309869T

(22) 27/06/2022

(54) METHODS, COMPOSITIONS, AND KITS FOR ASSAY SIGNAL AMPLIFICATION

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(71) MEWT LLC		
(21) 11202309388S	(22) 07/06/2022	
(54) WIRELESS KILL SWITCH		
(31) 63/202,360	(32) 08/06/2021	(33) US
(86) PCT/US2022/072794	(87) WO/2022/261628	
(71) MEXICHEM FLUOR S.A. DE C.V.		
(21) 10202303518T	(22) 14/08/2019	
(54) REFRIGERANT COMPOSITION AND USE THEREOF		
(31) 1813237.3	(32) 14/08/2018	(33) GB
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(71) MEXICHEM FLUOR S.A. DE C.V.		
(21) 11202309789S	(22) 20/07/2022	
(54) PROCESS		
(31) 2110568.9	(32) 22/07/2021	(33) GB
(86) PCT/GB2022/051874	(87) WO/2023/002180	
(71) MICAN TECHNOLOGIES INC.; JAPAN AS REPRESENTED BY THE DIRECTOR-GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES; OSAKA UNIVERSITY		
(21) 11202309055V	(22) 31/03/2022	
(54) METHOD FOR EVALUATING ANTIBODY-DEPENDENT ENHANCEMENT REACTION USING PSEUDOVIRUS		
(31) 2021-089309	(32) 27/05/2021	(33) JP
(86) PCT/JP2022/016731	(87) WO/2022/249757	
(71) MICRO MOTION, INC.		
(21) 11202308885Y	(22) 15/06/2022	
(54) CORIOLIS FLOW METER NON-IDEAL FLUID MEASUREMENT AND RELATED METHODS		
(31) 63/215,714	(32) 28/06/2021	(33) US
(86) PCT/US2022/033530	(87) WO/2023/278145	
(71) MICROSOFT TECHNOLOGY LICENSING, LLC		
(21) 11202309697Y	(22) 23/05/2022	
(54) CONTEXT-BASED IMAGE CODING		
(31) 202110738324.5	(32) 30/06/2021	(33) CN
(86) PCT/US2022/030462	(87) WO/2023/278068	

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(71) MICROWAVE PACKAGING (S) PTE LTD

(21) 10202303234U

(22) 22/05/2019

(54) A Food Receptacle

(71) MIND MEDICINE, INC.

(21) 11202309481Y

(22) 13/06/2022

(54) SYSTEM AND METHOD FOR MONITORING A CONSCIOUSNESS-ALTERING THERAPEUTIC SESSION

(31) 63/216,683

(32) 30/06/2021

(33) US

(86) PCT/US2022/033308

(87) WO/2023/278131

(71) MINGHUI PHARMACEUTICAL (HANGZHOU) LTD.; MINGHUI PHARMACEUTICAL (SHANGHAI) LTD.

(21) 11202309683P

(22) 16/06/2022

(54) ANTITUMOR COMPOUND AND USE THEREOF

(31) 202110673571.1

(32) 17/06/2021

(33) CN

(86) PCT/CN2022/099053

(87) WO/2022/262789

(71) MIRONCOL DIAGNOSTICS, INC.

(21) 11202309337S

(22) 07/06/2022

(54) CANCER DETECTION METHOD, KIT, AND SYSTEM

(31) 63/208,506

(32) 09/06/2021

(33) US

(86) PCT/US2022/032423

(87) WO/2022/261039

(71) MITOPOWER LLC

(21) 11202309707R

(22) 16/06/2022

(54) TREATMENT OF IMMUNE-RELATED DISORDERS, KIDNEY DISORDERS, LIVER DISORDERS, HEMOLYTIC DISORDERS, AND OXIDATIVE STRESS-ASSOCIATED DISORDERS USING NRH, NARH AND REDUCED DERIVATIVES THEREOF

(31) 202141027391

(32) 18/06/2021

(33) IN

(31) 63/236,974

(32) 25/08/2021

(33) US

(86) PCT/US2022/033794

(87) WO/2022/266322

(71) MITSUBISHI CHEMICAL CORPORATION

(21) 11202309018U

(22) 29/11/2022

(54) METHYL METHACRYLATE-CONTAINING COMPOSITION, STORAGE METHOD FOR METHYL METHACRYLATE-CONTAINING COMPOSITION, AND PRODUCTION METHOD FOR METHYL METHACRYLATE POLYMER

(31) 2021-194503

(32) 30/11/2021

(33) JP

(86) PCT/JP2022/043975

(87) WO/2023/100867

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) MITSUBISHI CHEMICAL CORPORATION

(21) 11202309191P

(22) 31/05/2022

(54) CATALYST, METHOD FOR PRODUCING CATALYST, AND METHOD FOR PRODUCING UNSATURATED CARBOXYLIC ACID AND/OR UNSATURATED CARBOXYLIC ACID ESTER

(31) 2021-092244

(32) 01/06/2021

(33) JP

(86) PCT/JP2022/022145

(87) WO/2022/255368

(71) MITSUBISHI ELECTRIC CORPORATION

(21) 11202309284U

(22) 12/07/2021

(54) REFRIGERATOR

(86) PCT/JP2021/026118

(87) WO/2023/286121

(71) MITSUBISHI GAS CHEMICAL COMPANY, INC.

(21) 11202309152Q

(22) 20/06/2022

(54) METHOD FOR PRODUCING PURIFIED AQUEOUS HYDROGEN PEROXIDE SOLUTION

(31) 2021-103228

(32) 22/06/2021

(33) JP

(86) PCT/JP2022/024484

(87) WO/2022/270454

(71) MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.

(21) 11202309278U

(22) 16/05/2022

(54) HYDROGEN AND AMMONIA PRODUCTION SYSTEM

(31) 2021-099392

(32) 15/06/2021

(33) JP

(86) PCT/JP2022/020433

(87) WO/2022/264732

(71) MITSUBISHI HEAVY INDUSTRIES POWER IDS CO., LTD.

(21) 11202308704Y

(22) 17/06/2022

(54) GAS BURNER

(31) 2021-106750

(32) 28/06/2021

(33) JP

(86) PCT/JP2022/024271

(87) WO/2023/276713

(71) MITSUBISHI HEAVY INDUSTRIES, LTD.

(21) 11202309495Q

(22) 14/02/2022

(54) IMMERSION COOLING DEVICE AND CONTROL METHOD THEREFOR

(31) 2021-100666

(32) 17/06/2021

(33) JP

(86) PCT/JP2022/005658

(87) WO/2022/264503

(71) MITSUBISHI HEAVY INDUSTRIES, LTD.

(21) 11202309496W

(22) 24/02/2022

(54) COOLING LIQUID CIRCULATION UNIT, METHOD FOR CONTROLLING SAME, AND PROGRAM

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(31) 2021-100664	(32) 17/06/2021	(33) JP
(86) PCT/JP2022/007654	(87) WO/2022/264530	
(71) MITSUBISHI HEAVY INDUSTRIES, LTD.		
(21) 11202309514S	(22) 24/02/2022	
(54) LIQUID COOLANT CIRCULATION SYSTEM, CONTROL METHOD THEREFOR, AND PROGRAM		
(31) 2021-100663	(32) 17/06/2021	(33) JP
(86) PCT/JP2022/007700	(87) WO/2022/264531	
(71) MITSUBISHI HEAVY INDUSTRIES, LTD.		
(21) 11202309521V	(22) 14/02/2022	
(54) CONTAINER-TYPE DATA CENTER		
(31) 2021-100665	(32) 17/06/2021	(33) JP
(86) PCT/JP2022/005586	(87) WO/2022/264502	
(71) MITSUI CHEMICALS TOHCELLO, INC.		
(21) 11202309061P	(22) 27/05/2022	
(54) BACK GRINDING ADHESIVE FILM AND METHOD FOR MANUFACTURING ELECTRONIC DEVICE		
(31) 2021-090275	(32) 28/05/2021	(33) JP
(86) PCT/JP2022/021677	(87) WO/2022/250128	
(71) MITSUI CHEMICALS TOHCELLO, INC.		
(21) 11202309065U	(22) 27/05/2022	
(54) METHOD FOR MANUFACTURING ELECTRONIC DEVICE		
(31) 2021-090244	(32) 28/05/2021	(33) JP
(86) PCT/JP2022/021678	(87) WO/2022/250129	
(71) MITSUI CHEMICALS TOHCELLO, INC.		
(21) 11202309069S	(22) 27/05/2022	
(54) BACK GRINDING ADHESIVE FILM AND METHOD FOR MANUFACTURING ELECTRONIC DEVICE		
(31) 2021-090288	(32) 28/05/2021	(33) JP
(86) PCT/JP2022/021680	(87) WO/2022/250130	
(71) MITSUI CHEMICALS TOHCELLO, INC.		
(21) 11202309090R	(22) 27/05/2022	
(54) BACK GRINDING ADHESIVE FILM AND METHOD FOR MANUFACTURING ELECTRONIC DEVICE		
(31) 2021-090262	(32) 28/05/2021	(33) JP
(86) PCT/JP2022/021704	(87) WO/2022/250138	

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(71) MITSUI CHEMICALS TOHCELLO, INC.

(21) 11202309097W (22) 27/05/2022
(54) METHOD FOR MANUFACTURING ELECTRONIC DEVICE
(31) 2021-090476 (32) 28/05/2021 (33) JP
(86) PCT/JP2022/021688 (87) WO/2022/250132

(71) MITSUI CHEMICALS TOHCELLO, INC.

(21) 11202309103P (22) 27/05/2022
(54) METHOD FOR MANUFACTURING ELECTRONIC DEVICE
(31) 2021-090477 (32) 28/05/2021 (33) JP
(86) PCT/JP2022/021691 (87) WO/2022/250133

(71) MIYOSHI OIL & FAT CO.,LTD.

(21) 11202309528X (22) 30/06/2022
(54) HEAVY METAL TREATMENT AGENT, AND METHOD FOR TREATING INCINERATED ASH
AND WASTEWATER USING SAME
(31) 2021-110447 (32) 02/07/2021 (33) JP
(86) PCT/JP2022/026239 (87) WO/2023/277136

(71) MORIMOTO, NOBUYOSHI

(21) 10202303483P (22) 12/12/2023
(54) A PAIR OF EXTENDED ARMS COUPLED TO A VESSEL
(31) 202311012491 (32) 23/02/2023 (33) IN

(71) MORPHOSYS AG

(21) 11202310049S (22) 19/07/2022
(54) TREATMENT OF ANTI-PLA2R AUTOANTIBODY-MEDIATED MEMBRANOUS NEPHROPATHY
(31) 21186299.0 (32) 19/07/2021 (33) EP
(31) 21203870.7 (32) 21/10/2021 (33) EP
(86) PCT/EP2022/070162 (87) WO/2023/001804

(71) NANEXA AB

(21) 11202309305V (22) 10/06/2022
(54) NEW COMPOSITION COMPRISING IMMUNOMODULATORY DRUG
(31) 21178675.1 (32) 10/06/2021 (33) EP
(86) PCT/GB2022/051464 (87) WO/2022/258988

(71) NANEXA AB

(21) 11202309306R (22) 10/06/2022

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(54) NEW FORMULATIONS COMPRISING AZACITIDINE

(31) 2108297.9	(32) 10/06/2021	(33) GB
(31) 2117701.9	(32) 08/12/2021	(33) GB
(86) PCT/GB2022/051463	(87) WO/2022/258987	

(71) NANEXA AB

(21) 11202309308Q	(22) 10/06/2022	
(54) NEW FORMULATIONS COMPRISING BIOLOGIC ACTIVE DRUGS		
(31) 2108282.1	(32) 10/06/2021	(33) GB
(86) PCT/GB2022/051461	(87) WO/2022/258985	

(71) NANEXA AB

(21) 11202309324T	(22) 10/06/2022	
(54) NEW PROCESS		
(31) 2108305.0	(32) 10/06/2021	(33) GB
(86) PCT/GB2022/051460	(87) WO/2022/258984	

(71) NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS

(21) 11202309294R	(22) 15/06/2022	
(54) INTERLAYER PRE-COOLING APPARATUS FOR SAND MOLD FREEZING PRINTING		
(31) 202110859399.9	(32) 28/07/2021	(33) CN
(86) PCT/CN2022/098841	(87) WO/2023/005473	

(71) NANOPLANET RESEARCH INSTITUTE LTD.

(21) 11202309853P	(22) 22/06/2022	
(54) SWIRLING-TYPE MICROBUBBLE GENERATION DEVICE		
(31) 2021-104006	(32) 23/06/2021	(33) JP
(86) PCT/JP2022/024851	(87) WO/2022/270534	

(71) NANOTEMPER TECHNOLOGIES GMBH

(21) 11202309567T	(22) 30/06/2022	
(54) METHODS AND DEVICES FOR RATIOMETRIC CHARACTERIZATION OF FLUORESCENT PARTICLES		
(31) 21183266.2	(32) 01/07/2021	(33) EP
(86) PCT/EP2022/068114	(87) WO/2023/275274	

(71) NANYANG TECHNOLOGICAL UNIVERSITY

(21) 11202309502Y	(22) 22/07/2022	
(54) SYSTEM AND METHOD OF CHEMICAL-FREE ALKALINITY/pH CONTROL		
(31) 10202108038X	(32) 23/07/2021	(33) SG
(86) PCT/SG2022/050521	(87) WO/2023/003516	

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(71) NANYANG TECHNOLOGICAL UNIVERSITY

(21) 11202309710R (22) 10/08/2022

(54) OPTICAL COHERENCE TOMOGRAPHY SYSTEM AND METHOD FOR IMAGING OF A SAMPLE

(31) 10202108701U (32) 10/08/2021 (33) SG

(31) 10202114280W (32) 23/12/2021 (33) SG

(86) PCT/SG2022/050570 (87) WO/2023/018375

(71) NANYANG TECHNOLOGICAL UNIVERSITY

(21) 11202309712X (22) 23/08/2022

(54) APPARATUS AND METHODS FOR GENERATING TUNABLE X-RAYS VIA THE INTERACTION OF FREE ELECTRONS WITH PERIODIC STRUCTURES

(31) 10202109188Y (32) 23/08/2021 (33) SG

(86) PCT/SG2022/095003 (87) WO/2023/027644

(71) NATCO PHARMA LIMITED

(21) 11202309297U (22) 09/06/2022

(54) EGFR INHIBITOR FOR THE TREATMENT OF HEAD AND NECK CANCER

(31) 2108300.1 (32) 10/06/2021 (33) GB

(31) 2108302.7 (32) 10/06/2021 (33) GB

(86) PCT/GB2022/051450 (87) WO/2022/258977

(71) NATIONAL INSTITUTE OF TECHNOLOGY; SUMITOMO CHEMICAL COMPANY, LIMITED

(21) 11202309964V (22) 16/06/2022

(54) HYDROGEN PRODUCING DEVICE AND HYDROGEN PRODUCING METHOD

(31) 2021-108088 (32) 29/06/2021 (33) JP

(86) PCT/JP2022/024048 (87) WO/2023/276677

(71) NATIONAL UNIVERSITY OF SINGAPORE

(21) 10202303426P (22) 06/12/2021

(54) BIOPRODUCTION OF ENANTIOPURE (R)- AND (S)-2-PHENYLGLYCINOL FROM STYRENE AND RENEWABLE FEEDSTOCKS VIA ARTIFICIAL ENZYME CASCADE

(31) 10202012190X (32) 07/12/2020 (33) SG

(71) NATIONAL UNIVERSITY OF SINGAPORE

(21) 11202309413R (22) 24/06/2022

(54) PRODUCING BUTYL BUTYRATE FROM LIGNOCELLULOSIC BIOMASS THROUGH ESCHERICHIA COLI-CLOSTRIDIUM CO-CULTURE

(31) 10202106918X (32) 24/06/2021 (33) SG

(86) PCT/SG2022/050431 (87) WO/2022/271104

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(71) NATIONAL UNIVERSITY OF SINGAPORE

(21) 10202303556Y

(22) 18/12/2023

(54) PROBES

(71) NATIONAL UNIVERSITY OF SINGAPORE

(21) 10202303592U

(22) 21/12/2023

(54) NUCLEIC ACID INHIBITORS FOR TREATING NEUROLOGICAL DISORDERS

(71) NATIONAL UNIVERSITY OF SINGAPORE; NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD

(21) 10202303578P

(22) 20/12/2023

(54) SURGICAL DEVICE WITH VARIABLE STIFFNESS

(71) NATIONAL UNIVERSITY OF SINGAPORE; SINGAPORE HEALTH SERVICES PTE LTD

(21) 11202309398R

(22) 09/06/2022

(54) METHOD OF PREDICTING THE LIKELIHOOD OF HYPERGLYCEMIA

(31) 10202106153U

(32) 09/06/2021

(33) SG

(86) PCT/SG2022/050395

(87) WO/2022/260599

(71) NATIONAL UNIVERSITY OF SINGAPORE; WILMAR INTERNATIONAL LIMITED

(21) 11202308217W

(22) 08/07/2022

(54) LIPASES FOR USE IN PRODUCTION OF A FATTY ACID ESTER

(31) 10202107587W

(32) 09/07/2021

(33) SG

(86) PCT/SG2022/050476

(87) WO/2023/282853

(71) NBTECH AB

(21) 11202309289R

(22) 01/07/2022

(54) BIOMASS PRODUCTION

(31) 21183517.8

(32) 02/07/2021

(33) EP

(31) 21183520.2

(32) 02/07/2021

(33) EP

(31) 21210560.5

(32) 25/11/2021

(33) EP

(86) PCT/EP2022/068350

(87) WO/2023/275397

(71) NCHAIN LICENSING AG

(21) 11202309622V

(22) 25/05/2022

(54) MULTI-LEVEL BLOCKCHAIN

(31) 2109191.3

(32) 25/06/2021

(33) GB

(86) PCT/EP2022/064160

(87) WO/2022/268429

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(71) NEMATIQ IP PTY LTD

(21) 11202309597Q

(22) 15/06/2022

(54) A FILTER AND A METHOD OF MAKING A FILTER

(31) 2021901786

(32) 15/06/2021

(33) AU

(86) PCT/AU2022/050587

(87) WO/2022/261701

(71) NEMATIQ IP PTY LTD

(21) 11202309605P

(22) 15/06/2022

(54) A COMPOSITION, A METHOD OF MAKING A COMPOSITION, AND A FILTER

(31) 2021901785

(32) 15/06/2021

(33) AU

(86) PCT/AU2022/050589

(87) WO/2022/261703

(71) NEODYMOTORS GMBH

(21) 11202308731Q

(22) 02/02/2022

(54) MAGNETIC INTERACTION SYSTEM BETWEEN ROTORS FOR PRODUCTION AND STORAGE OF KINETIC ENERGY

(86) PCT/IB2022/050906

(87) WO/2023/148519

(71) NESTE OYJ

(21) 11202309052T

(22) 08/04/2022

(54) A METHOD AND FEED FOR PRODUCING ETHYLENE

(31) 20215772

(32) 30/06/2021

(33) FI

(86) PCT/FI2022/050230

(87) WO/2023/275429

(71) NETFLIX, INC.

(21) 11202309548Y

(22) 24/06/2022

(54) SYSTEMS AND METHODS FOR PROVIDING OPTIMIZED TIME SCALES AND ACCURATE PRESENTATION TIME STAMPS

(31) 17/359,468

(32) 25/06/2021

(33) US

(86) PCT/US2022/035002

(87) WO/2022/272135

(71) NEUROCRINE BIOSCIENCES, INC.

(21) 11202309244W

(22) 28/06/2022

(54) VALBENAZINE FOR USE IN THE ADD-ON TREATMENT OF SCHIZOPHRENIA

(31) 63/216,875

(32) 30/06/2021

(33) US

(31) 63/242,794

(32) 10/09/2021

(33) US

(31) 63/276,079

(32) 05/11/2021

(33) US

(31) 63/362,561

(32) 06/04/2022

(33) US

(86) PCT/US2022/073209

(87) WO/2023/278987

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(71) NEUROCRINE BIOSCIENCES, INC.

(21) 11202309744Y (22) 28/06/2022

(54) VALBENZAZINE FOR USE IN THE TREATMENT OF DYSKINESIA DUE TO CEREBRAL PALSY

(31) 63/216,877 (32) 30/06/2021 (33) US

(31) 63/279,815 (32) 16/11/2021 (33) US

(31) 63/298,291 (32) 11/01/2022 (33) US

(86) PCT/US2022/073214 (87) WO/2023/278991

(71) NEWSOUTH INNOVATIONS PTY LIMITED

(21) 11202309371T (22) 17/06/2022

(54) OUTDOOR PHOTOLUMINESCENCE IMAGING OF PHOTOVOLTAIC ARRAYS VIA OPTICAL STRING MODULATION

(31) 2021901847 (32) 18/06/2021 (33) AU

(86) PCT/AU2022/050607 (87) WO/2022/261719

(71) NIPPON MICROMETAL CORPORATION

(21) 11202309761R (22) 16/03/2022

(54) BONDING WIRE FOR SEMICONDUCTOR DEVICES

(31) 2021-105515 (32) 25/06/2021 (33) JP

(86) PCT/JP2022/012012 (87) WO/2022/270049

(71) NIPPON MICROMETAL CORPORATION

(21) 11202309762P (22) 16/03/2022

(54) BONDING WIRE FOR SEMICONDUCTOR DEVICES

(31) 2021-105513 (32) 25/06/2021 (33) JP

(86) PCT/JP2022/012062 (87) WO/2022/270051

(71) NIPPON MICROMETAL CORPORATION

(21) 11202309845T (22) 23/03/2022

(54) BONDING WIRE FOR SEMICONDUCTOR DEVICES

(31) 2021-105513 (32) 25/06/2021 (33) JP

(86) PCT/JP2022/013444 (87) WO/2022/270075

(71) NIPPON SHINYAKU CO., LTD.; NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY

(21) 11202309150P (22) 23/06/2022

(54) COMBINATION OF ANTISENSE OLIGOMERS

(31) 2021-104145 (32) 23/06/2021 (33) JP

(86) PCT/JP2022/025120 (87) WO/2022/270585

(71) NIPPON STEEL CORPORATION

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(21) 11202309734R (22) 28/04/2022
(54) ADHESIVE COMPOSITION FOR LAMINATING ELECTROMAGNETIC STEEL SHEET
(31) 2021-102360 (32) 21/06/2021 (33) JP
(86) PCT/JP2022/019251 (87) WO/2022/270154

(71) NITTA DuPont Incorporated
(21) 10202303599V (22) 21/12/2023
(54) POLISHING PAD
(31) 2022-208387 (32) 26/12/2022 (33) JP

(71) NOF CORPORATION
(21) 11202309937P (22) 24/06/2022
(54) SOFT CONTACT LENS SOLUTION
(31) 2021-107493 (32) 29/06/2021 (33) JP
(86) PCT/JP2022/025211 (87) WO/2023/276858

(71) NORIA ENERGY
(21) 11202309292W (22) 06/04/2022
(54) FLOATING SOLAR PHOTOVOLTAIC ARRAY WITH ON-BOARD ENERGY MANAGEMENT SYSTEM FOR CONTROLLING AND POWERING INFLATABLE SUPPORT PONTOONS.
(31) 63/171,981 (32) 07/04/2021 (33) US
(31) 63/179,925 (32) 26/04/2021 (33) US
(86) PCT/US2022/023719 (87) WO/2022/216860

(71) NORTEK AIR SOLUTIONS CANADA, INC.
(21) 11202309877P (22) 24/06/2022
(54) MEMBRANE ASSEMBLY FOR MEMBRANE ENERGY EXCHANGER
(31) 63/215,302 (32) 25/06/2021 (33) US
(86) PCT/CA2022/051019 (87) WO/2022/266773

(71) NOUSCOM AG
(21) 11202308857X (22) 20/06/2022
(54) VACCINE COMPOSITION COMPRISING ENCODED ADJUVANT
(31) 21180661.7 (32) 21/06/2021 (33) EP
(86) PCT/EP2022/066733 (87) WO/2022/268722

(71) NOVARTIS AG
(21) 11202308502Q (22) 23/06/2022
(54) PHARMACEUTICAL COMBINATIONS COMPRISING A KRAS G12C INHIBITOR AND USES THEREOF FOR THE TREATMENT OF CANCERS
(31) 63/214,001 (32) 23/06/2021 (33) US

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(31) 63/328,442	(32) 07/04/2022	(33) US
(86) PCT/IB2022/055820	(87) WO/2022/269525	
(71) NOVARTIS AG		
(21) 10202303447P	(22) 01/11/2018	
(54) MEANS AND METHOD FOR PREPARING VIRAL VECTORS AND USES OF SAME		
(31) 62/583,035	(32) 08/11/2017	(33) US
(71) NOVATIQ TECHNOLOGIES LIMITED		
(21) 11202310065T	(22) 28/06/2022	
(54) METHOD, APPARATUS AND SYSTEM FOR ASSOCIATING DIFFERENT INSTANCES OF USER ENGAGEMENT WITH A CONTENT PROVIDER		
(31) 2109541.9	(32) 01/07/2021	(33) GB
(86) PCT/GB2022/051654	(87) WO/2023/275530	
(71) NOVO NORDISK A/S		
(21) 11202309653V	(22) 14/07/2022	
(54) SODIUM N-(8-(2-HYDROXYBENZOYL)AMINO)CAPRYLATE POLYMORPHIC FORM A		
(31) 21186179.4	(32) 16/07/2021	(33) EP
(86) PCT/EP2022/069705	(87) WO/2023/285581	
(71) NOVO NORDISK A/S		
(21) 11202309655W	(22) 14/07/2022	
(54) TABLET COMPRISING A SALT OF N-(8-(2-HYDROXYBENZOYL)AMINO)CAPRYLIC ACID		
(31) 21185861.8	(32) 15/07/2021	(33) EP
(86) PCT/EP2022/069704	(87) WO/2023/285580	
(71) NOVOCURE GMBH		
(21) 11202309788V	(22) 04/08/2022	
(54) ELECTRODE ASSEMBLY FOR APPLYING TUMOR TREATING FIELDS (TTFIELDS) WITH A SHEET OF ANISOTROPIC MATERIAL		
(31) 63/230,438	(32) 06/08/2021	(33) US
(31) 63/275,841	(32) 04/11/2021	(33) US
(31) 63/275,843	(32) 04/11/2021	(33) US
(86) PCT/IB2022/057233	(87) WO/2023/012707	
(71) NSMART TRADING LIMITED		
(21) 11202310017V	(22) 09/07/2021	
(54) HYPODERMIC NEEDLE DESTRUCTION		
(86) PCT/GB2021/051754	(87) WO/2023/281234	

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(71) NUCLEUS MEDICAL GMBH

(21) 11202309411P

(22) 14/06/2022

(54) NON-NANOPARTICULATE APPLICATION FORMS OF MACROLIDES

(31) 21179203.1

(32) 14/06/2021

(33) EP

(86) PCT/EP2022/066210

(87) WO/2022/263463

(71) NUCTECH COMPANY LIMITED; TSINGHUA UNIVERSITY

(21) 11202309799W

(22) 04/07/2022

(54) DIGITAL RADIOGRAPHY SYSTEM AND DIGITAL RADIOGRAPHY METHOD

(31) 202110768526.4

(32) 07/07/2021

(33) CN

(86) PCT/CN2022/103739

(87) WO/2023/280125

(71) Nanyang Technological University

(21) 10202303211Y

(22) 14/11/2023

(54) A Physically Unclonable Function (PUF) Based on the Spin Orbit Torque Driven Domain Wall Motion in CoIr Microwires

(71) Nanyang Technological University

(21) 10202303222W

(22) 15/11/2023

(54) Droplet Energy Generators for Environmental Mechanical Energy Harvesting

(71) Nanyang Technological University

(21) 10202303227U

(22) 15/11/2023

(54) PRESSURE EXCHANGER TOWARDS ENERGY RECOVERY DEVICE FOR RO DESALINATION SYSTEM

(71) Nanyang Technological University

(21) 10202303262U

(22) 17/11/2023

(54) Cycle-Based Network Adaptive Signal Control Method Using a Closed-Loop Online Updating Strategy

(71) Nanyang Technological University

(21) 10202303353R

(22) 27/11/2023

(54) Carbon neutral or negative mortar for thermal insulation of buildings

(71) Nanyang Technological University

(21) 10202303359S

(22) 28/11/2023

(54) Carbon-Negative Manufactured Aggregates

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- (71) Nanyang Technological University
(21) 10202303369W (22) 29/11/2023
(54) Utilization Of Excavated Marine Clay As Backfilling Materials
- (71) Nanyang Technological University
(21) 10202303395P (22) 30/11/2023
(54) A Portable Quant-Haptical System For Quantitative Palpation
- (71) Nanyang Technological University
(21) 10202303414V (22) 04/12/2023
(54) Microlasers and Sensors Based on Colloidal Quantum Wells Composite Microresonators
- (71) Nanyang Technological University
(21) 10202303484Y (22) 12/12/2023
(54) Lidar-Free SLAM for Autonomous Navigation Via Multi-Modal Sensor Fusion
- (71) Nanyang Technological University
(21) 10202303504S (22) 14/12/2023
(54) SLUDGE-DERIVED SLAG GENERATED FROM HIGH TEMPERATURE SLAGGING CO-GASIFICATION OF SLUDGE AND WASTES IN SUSTAINABLE CONCRETE PRODUCTION
(31) 10202260525Y (32) 21/12/2022 (33) SG
- (71) Nanyang Technological University
(21) 10202303506R (22) 14/12/2023
(54) POLYMER NANOPARTICLE-BASED SCREENING PLATFORM FOR PLASTIC DEGRADING ENZYMES
- (71) Nanyang Technological University
(21) 10202303516X (22) 14/12/2023
(54) A Device For EUV Generation
- (71) Nanyang Technological University
(21) 10202303519R (22) 14/12/2023
(54) REALTIME MONITORING OF GEARBOX FAILURES OF AUTOMOTIVES AND INDUSTRIAL SYSTEMS
- (71) Nanyang Technological University
(21) 10202303589T (22) 21/12/2023
(54) ENZYMES IN SYNERGY: BACTERIAL PROTEASES MEDIATED IN VIVO REAL-TIME IMAGING OF LOCALIZED URINARY TRACT INFECTION

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- (71) Nanyang Technological University
(21) 10202303616V (22) 22/12/2023
(54) A Novel Low-Cost, Flexible, Self-Powered Touchpad
- (71) Nanyang Technological University; Durapower Holdings Pte. Ltd.
(21) 10202303349T (22) 27/11/2023
(54) A Virtual Sensor Module for Computing Spatial-Temporal Temperature Measurements of a Battery
(31) 10202301568X (32) 05/06/2023 (33) SG
- (71) National University of Singapore
(21) 10202303187P (22) 09/11/2023
(54) METHODS OF RECYCLING ALKALI METAL ION BATTERIES
- (71) National University of Singapore
(21) 10202303242X (22) 16/11/2023
(54) Propionic Acid Bacteria and Bifidobacteria Coculture to Improve Vitamin B12 Content in Soy Whey
- (71) National University of Singapore
(21) 10202303251T (22) 17/11/2023
(54) CARRIER SELECTIVE CONTACTS, PHOTOVOLTAIC DEVICES UTILIZING THEM AND METHODS OF FORMING THEREOF
- (71) National University of Singapore
(21) 10202303268R (22) 20/11/2023
(54) TRANSISTOR AND METHOD OF FORMING THE SAME
- (71) National University of Singapore
(21) 10202303435S (22) 06/12/2023
(54) Mobile Sludge Treatment with nanoparticles, saline and microwave pyrolysis system
- (71) National University of Singapore
(21) 10202303528Y (22) 15/12/2023
(54) A DEVICE FOR SURFACE FINISHING
- (71) National University of Singapore
(21) 10202303566U (22) 19/12/2023

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(54) Hafnium Oxide-based Superlattice Structure, Method For Producing the Superlattice structure and Applications Thereof

(71) National University of Singapore

(21) 10202303568W

(22) 19/12/2023

(54) Catalysts for High-Temperature Catalytic Combustion of Ammonia

(71) National University of Singapore; Southern University of Science and Technology

(21) 10202303436V

(22) 06/12/2023

(54) MAGNETIC DEVICE AND A METHOD FOR FORMING THE MAGNETIC DEVICE

(71) OMNIVISION SENSOR SOLUTION (SHANGHAI) CO., LTD.

(21) 11202309353T

(22) 17/06/2021

(54) PIXEL COLLECTION CIRCUIT AND IMAGE SENSOR

(31) 202110631843.1

(32) 07/06/2021

(33) CN

(86) PCT/CN2021/100606

(87) WO/2022/257166

(71) ONCONOVA THERAPEUTICS, INC.

(21) 11202309681W

(22) 15/06/2022

(54) METHODS AND COMPOSITIONS FOR TREATING CANCER

(31) 63/211,070

(32) 16/06/2021

(33) US

(31) 63/211,071

(32) 16/06/2021

(33) US

(86) PCT/US2022/033657

(87) WO/2022/266240

(71) ONCOPEPTIDES AB

(21) 11202309378P

(22) 20/06/2022

(54) PEPTIDE DRUG CONJUGATES

(31) 2108818.2

(32) 18/06/2021

(33) GB

(86) PCT/EP2022/066756

(87) WO/2022/263679

(71) ONENESS BIOTECH CO., LTD.

(21) 11202309942W

(22) 27/06/2022

(54) METHODS FOR PREPARATION OF PLECTRANTHUS AMBOINICUS EXTRACTS

(31) 63/215,697

(32) 28/06/2021

(33) US

(86) PCT/CN2022/101441

(87) WO/2023/274123

(71) ONO PHARMACEUTICAL CO., LTD.

(21) 11202309248S

(22) 09/06/2022

(54) CANCER TREATMENT METHOD BY COMBINED USE OF CD47 INHIBITORY SUBSTANCE, IMMUNE CHECKPOINT INHIBITORY SUBSTANCE, AND STANDARD THERAPY

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(31) 2021-097024	(32) 10/06/2021	(33) JP
(31) 2021-097027	(32) 10/06/2021	(33) JP
(86) PCT/JP2022/023300	(87) WO/2022/260132	
(71) ORINNO TECHNOLOGY PTE. LTD; NATIONAL ENVIRONMENT AGENCY		
(21) 10202303420U	(22) 04/12/2023	
(54) SMART INSECT COLLECTION DEVICE		
(31) 18/519,924	(32) 27/11/2023	(33) US
(71) ORION CORPORATION		
(21) 10202303212T	(22) 21/12/2017	
(54) PYRAN DERIVATIVES AS CYP11A1 (CYTOCHROME P450 MONOOXYGENASE 11A1) INHIBITORS		
(31) 20166024	(32) 22/12/2016	(33) FI
(71) ORION CORPORATION		
(21) 11202309750U	(22) 22/06/2022	
(54) PROCESS FOR THE PREPARATION OF A CYP11A1 INHIBITOR AND INTERMEDIATES THEREOF		
(31) 20215736	(32) 23/06/2021	(33) FI
(86) PCT/FI2022/050446	(87) WO/2022/269134	
(71) ORTHONU, LLC		
(21) 11202309890P	(22) 24/06/2022	
(54) ORTHODONTIC TOOLS AND STORAGE CASE		
(31) 17/357,864	(32) 24/06/2021	(33) US
(86) PCT/US2022/035009	(87) WO/2022/272141	
(71) OTSUKA PHARMACEUTICAL CO., LTD.		
(21) 11202309452R	(22) 12/07/2022	
(54) HYDROGENATED QUINOXALINES		
(31) 2021-115550	(32) 13/07/2021	(33) JP
(86) PCT/JP2022/027396	(87) WO/2023/286768	
(71) OUROTECH, INC.		
(21) 11202309531S	(22) 11/10/2021	
(54) TREATMENT EFFICACY PREDICTION SYSTEMS AND METHODS		
(31) 63/219,697	(32) 08/07/2021	(33) US
(86) PCT/US2021/054411	(87) WO/2023/282925	
(71) OXFORD BIOMEDICA SOLUTIONS LLC		

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(21) 11202309579X	(22) 24/06/2022	
(54) ADENO-ASSOCIATED VIRUS PACKAGING SYSTEMS		
(31) 63/202,817	(32) 25/06/2021	(33) US
(31) 63/262,218	(32) 07/10/2021	(33) US
(31) 63/266,646	(32) 11/01/2022	(33) US
(86) PCT/US2022/073138	(87) WO/2022/272297	
(71) Optimizer Plus Pte. Ltd.		
(21) 10202303561Q	(22) 19/12/2023	
(54) SYSTEM AND METHOD FOR OPTIMIZATION OF AIRSIDE EFFICIENCY OF AIR HANDLING UNIT		
(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.		
(21) 11202309790X	(22) 16/06/2022	
(54) ATTENTION DETERMINATION SYSTEM, COMMUNICATION ANALYSIS SYSTEM, AND ATTENTION DETERMINATION METHOD		
(31) 2021-106485	(32) 28/06/2021	(33) JP
(86) PCT/JP2022/024136	(87) WO/2023/276700	
(71) PASQAL		
(21) 11202309140T	(22) 07/07/2022	
(54) METHODS AND SYSTEMS FOR MEASURING A SIMILARITY BETWEEN TWO GRAPHS		
(31) 21305938.9	(32) 07/07/2021	(33) EP
(86) PCT/EP2022/069010	(87) WO/2023/281029	
(71) PAYPAL, INC.		
(21) 11202309780W	(22) 25/10/2022	
(54) LATENCY AND COMPUTATIONAL PERFORMANCE ON A BLOCKCHAIN		
(31) 17/517,977	(32) 03/11/2021	(33) US
(86) PCT/US2022/047755	(87) WO/2023/081040	
(71) PEPTRON, INC.		
(21) 11202309590U	(22) 23/06/2022	
(54) SUSTAINED RELEASE FORMULATION COMPOSITION COMPRISING SEMAGLUTIDE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF		
(31) 63/213,805	(32) 23/06/2021	(33) US
(31) 10-2022-0077146	(32) 23/06/2022	(33) KR
(86) PCT/KR2022/008984	(87) WO/2022/270956	
(71) PFETCH, INC.		
(21) 10202303626U	(22) 25/09/2020	

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(54) RGB NETWORK AND DEVICES		
(31) 63/101,218	(32) 03/10/2019	(33) US
(71) PFETCH, INC.		
(21) 10202303628W	(22) 25/09/2020	
(54) RGB NETWORK AND DEVICES		
(31) 63/101,218	(32) 03/10/2019	(33) US
(71) PFIZER INC.		
(21) 11202309614V	(22) 20/06/2022	
(54) PRODUCTION OF ADENO-ASSOCIATED VIRUS VECTOR IN INSECT CELLS		
(31) 63/213,346	(32) 22/06/2021	(33) US
(31) 63/364,296	(32) 06/05/2022	(33) US
(86) PCT/IB2022/055715	(87) WO/2022/269466	
(71) PHARMACYCLICS LLC		
(21) 10202303345R	(22) 03/06/2013	
(54) Crystalline Forms Of A Brutons Tyrosine Kinase Inhibitor		
(31) 61/655,381	(32) 04/06/2012	(33) US
(71) PHONONIC, INC.		
(21) 11202309753Y	(22) 11/07/2022	
(54) HIGH RELIABILITY, MICROCHANNEL HEAT PIPE ARRAY FOR IMPROVED EFFICIENCY, SIMPLIFIED CHARGING/DISCHARGING AND LOW-COST MANUFACTURE		
(31) 63/220,368	(32) 09/07/2021	(33) US
(86) PCT/US2022/036680	(87) WO/2023/283486	
(71) PHONONIC, INC.		
(21) 11202309754W	(22) 11/07/2022	
(54) CONTROL SCHEME FOR BEVERAGE COOLERS OPTIMIZED FOR BEVERAGE QUALITY AND FAST PULLDOWN TIME		
(31) 63/220,360	(32) 09/07/2021	(33) US
(86) PCT/US2022/036675	(87) WO/2023/283483	
(71) PLEXIUM, INC.		
(21) 11202309930X	(22) 08/07/2022	
(54) ARYL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THAT MODULATE IKZF2		
(31) 63/220,323	(32) 09/07/2021	(33) US
(31) 63/314,992	(32) 28/02/2022	(33) US
(86) PCT/US2022/036511	(87) WO/2023/283425	

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(71) POW SARL-S

(21) 11202309460S

(22) 13/07/2022

(54) METHOD OF ASSETS ALLOCATION AND SYSTEM THEREOF

(31) LU500565

(32) 20/08/2021

(33) LU

(86) PCT/EP2022/069665

(87) WO/2023/020751

(71) PRAXAIR S.T. TECHNOLOGY, INC.

(21) 10202303177W

(22) 09/05/2019

(54) CHROMATE-FREE CERAMIC COATING COMPOSITIONS FOR HOT CORROSION PROTECTION OF SUPERALLOY SUBSTRATES

(31) 16/406,292

(32) 08/05/2019

(33) US

(71) PRIMROSE BIO, INC.

(21) 11202309317V

(22) 13/06/2022

(54) COMPOSITIONS AND METHODS FOR ENZYMATIC NUCLEIC ACID SYNTHESIS

(31) 63/210,429

(32) 14/06/2021

(33) US

(86) PCT/US2022/033312

(87) WO/2022/266019

(71) PRIMROSE BIO, INC.

(21) 11202309320R

(22) 13/06/2022

(54) COMPOSITIONS AND METHODS FOR ENZYMATIC NUCLEIC ACID SYNTHESIS

(31) 63/210,429

(32) 14/06/2021

(33) US

(86) PCT/US2022/033313

(87) WO/2022/266020

(71) PROTERIAL, LTD.

(21) 11202309074Y

(22) 07/06/2022

(54) ALLOY MATERIAL, ALLOY PRODUCT USING ALLOY MATERIAL, AND MACHINE DEVICE PROVIDED WITH ALLOY PRODUCT

(31) 2021-096053

(32) 08/06/2021

(33) JP

(86) PCT/JP2022/022984

(87) WO/2022/260044

(71) PSYMPER PTE. LTD.

(21) 10202303664X

(22) 28/12/2023

(54) A MOBILE PAYMENT SYSTEM AND METHOD OF USING THE SAME

(71) PURETECH LYT 100, INC.

(21) 10202303351P

(22) 16/09/2019

(54) DEUTERIUM-ENRICHED PIRFENIDONE AND METHODS OF USE THEREOF

(31) 62/731,570

(32) 14/09/2018

(33) US

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(32) 25/10/2018

(33) US

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(31) 62/839,256	(32) 26/04/2019	(33) US
(31) 62/884,984	(32) 09/08/2019	(33) US
(71) Panasonic Intellectual Property Corporation of America		
(21) 10202303385Y	(22) 29/11/2023	
(54) COMMUNICATION APPARATUS AND METHOD FOR MSG5 PHYSICAL UPLINK SHARED CHANNEL (PUSCH) ENHANCEMENT		
(71) QED THERAPEUTICS, INC.		
(21) 10202303397U	(22) 29/05/2020	
(54) METHODS OF TREATING URINARY SYSTEM CANCERS		
(31) 62/855,277	(32) 31/05/2019	(33) US
(31) 62/906,194	(32) 26/09/2019	(33) US
(71) QIAGEN GMBH		
(21) 11202308527X	(22) 15/06/2022	
(54) METHOD FOR ISOLATING NON-VESICULAR MIRNA		
(31) 21180184.0	(32) 17/06/2021	(33) EP
(31) 21181611.1	(32) 24/06/2021	(33) EP
(86) PCT/EP2022/066288	(87) WO/2022/263500	
(71) QUALCOMM INCORPORATED		
(21) 11202307681R	(22) 24/06/2022	
(54) ADAPTIVE BILATERAL MATCHING FOR DECODER SIDE MOTION VECTOR REFINEMENT		
(31) 63/216,468	(32) 29/06/2021	(33) US
(31) 63/263,754	(32) 08/11/2021	(33) US
(31) 17/847,942	(32) 23/06/2022	(33) US
(86) PCT/US2022/073155	(87) WO/2023/278964	
(71) QUALCOMM INCORPORATED		
(21) 10202303343Y	(22) 07/05/2020	
(54) MAPPING ONE PREAMBLE TO MULTIPLE PHYSICAL UPLINK SHARED CHANNEL RESOURCE UNITS FOR TWO-STEP RANDOM ACCESS PROCEDURE		
(31) PCT/CN2019/089292	(32) 30/05/2019	(33) CN
(71) QUALCOMM INCORPORATED		
(21) 10202303391V	(22) 15/04/2020	
(54) SERVICE PRIORITY INFORMATION FOR MULTI-SIM USER EQUIPMENT PAGING		
(31) PCT/CN2019/090297	(32) 06/06/2019	(33) CN

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(71) QUALCOMM INCORPORATED

(21) 10202303508Q (22) 12/06/2020
 (54) TRANSFORM AND LAST SIGNIFICANT COEFFICIENT POSITION SIGNALING FOR LOW-FREQUENCY NON-SEPARABLE TRANSFORM IN VIDEO CODING
 (31) 62/861,828 (32) 14/06/2019 (33) US
 (31) 62/868,346 (32) 28/06/2019 (33) US
 (31) 16/899,063 (32) 11/06/2020 (33) US

(71) QUALCOMM INCORPORATED

(21) 10202303569X (22) 19/12/2018
 (54) CARRIER AGGREGATION SCELL NEW STATE TRANSITION DESIGN
 (31) 62/607,889 (32) 19/12/2017 (33) US
 (31) 62/619,692 (32) 19/01/2018 (33) US
 (31) 16/224,311 (32) 18/12/2018 (33) US

(71) QUANTOOM BIOSCIENCES S.A.

(21) 11202309949Q (22) 01/07/2022
 (54) REACTOR SYSTEM AND METHODS FOR USING THEREOF
 (31) 63/217,680 (32) 01/07/2021 (33) US
 (31) 2021/5657 (32) 18/08/2021 (33) BE
 (31) 63/331,568 (32) 15/04/2022 (33) US
 (31) 17/854,536 (32) 30/06/2022 (33) US
 (86) PCT/EP2022/068259 (87) WO/2023/275355

(71) RAFAEL ADVANCED DEFENSE SYSTEMS LTD.

(21) 11202309327W (22) 28/03/2022
 (54) COHERENCE RECONSTRUCTION APPARATUS FOR INTERFEROMETRIC MEASUREMENT OF ATMOSPHERIC TURBULENCE
 (31) 283921 (32) 09/06/2021 (33) IL
 (86) PCT/IB2022/052842 (87) WO/2022/259048

(71) RASA INDUSTRIES, LTD.

(21) 11202309601V (22) 30/03/2022
 (54) ETCHING SOLUTION COMPOSITION
 (31) 2021-098603 (32) 14/06/2021 (33) JP
 (86) PCT/JP2022/015849 (87) WO/2022/264631

(71) RAVI, Kavitha

(21) 11202309497R (22) 30/07/2021
 (54) COMBINATION OF ENHANCED K-MEANS CLUSTERING AND KNN CLASSIFICATION TECHNIQUES IN MEDICAL DIAGNOSIS AND TREATMENT SUGGESTIONS
 (31) 10202107293P (32) 01/07/2021 (33) SG

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(86) PCT/SG2021/050445	(87) WO/2023/277788	
(71) RAZER (ASIA-PACIFIC) PTE. LTD.		
(21) 11202309487P	(22) 29/06/2021	
(54) CONTROLLER FOR PORTABLE ELECTRONIC DEVICE		
(86) PCT/SG2021/050381	(87) WO/2023/277785	
(71) RECURIUM IP HOLDINGS, LLC		
(21) 10202303303Q	(22) 26/02/2019	
(54) SUBSTITUTED 1,2-DIHYDRO-3H-PYRAZOLO[3,4-D]PYRIMIDIN-3-ONES		
(31) 62/641,149	(32) 09/03/2018	(33) US
(31) 62/755,163	(32) 02/11/2018	(33) US
(71) REGENERON PHARMACEUTICALS, INC.		
(21) 10202303224R	(22) 14/10/2016	
(54) STABLE PROTEIN COMPOSITIONS		
(31) 62/242,412	(32) 16/10/2015	(33) US
(71) REGENERON PHARMACEUTICALS, INC.		
(21) 10202303249P	(22) 05/09/2018	
(54) METHODS OF ASSESSING ANTIBODY-DRUG CONJUGATES		
(31) 62/556,153	(32) 08/09/2017	(33) US
(71) REGENERON PHARMACEUTICALS, INC.		
(21) 10202303341X	(22) 04/06/2020	
(54) NON-HUMAN ANIMALS HAVING A LIMITED LAMBDA LIGHT CHAIN REPERTOIRE EXPRESSED FROM THE KAPPA LOCUS AND USES THEREOF		
(31) 62/857,712	(32) 05/06/2019	(33) US
(71) REGENERON PHARMACEUTICALS, INC.		
(21) 11202309438R	(22) 30/06/2022	
(54) METHODS OF TREATING DECREASED BONE MINERAL DENSITY WITH KRINGLE CONTAINING TRANSMEMBRANE PROTEIN 1 (KREMEN1) INHIBITORS		
(31) 63/218,212	(32) 02/07/2021	(33) US
(86) PCT/US2022/035783	(87) WO/2023/278741	
(71) REGENERON PHARMACEUTICALS, INC.		
(21) 11202309459X	(22) 28/06/2022	
(54) NMR METHODS FOR ANTIBODY HIGHER ORDER STRUCTURE COMPARABILITY		
(31) 63/216,501	(32) 29/06/2021	(33) US
(86) PCT/US2022/035312	(87) WO/2023/278443	

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(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309472X

(22) 30/06/2022

(54) METHODS OF TREATING ASTHMA WITH SOLUTE CARRIER FAMILY 27 MEMBER 3 (SLC27A3) INHIBITORS

(31) 63/217,913

(32) 02/07/2021

(33) US

(86) PCT/US2022/035673

(87) WO/2023/278664

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309478Y

(22) 30/06/2022

(54) TREATMENT OF HYPERTENSION WITH SOLUTE CARRIER FAMILY 9 ISOFORM A3 REGULATORY FACTOR 2 (SLC9A3R2) INHIBITORS

(31) 63/217,909

(32) 02/07/2021

(33) US

(31) 63/221,031

(32) 13/07/2021

(33) US

(86) PCT/US2022/035712

(87) WO/2023/278694

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309483U

(22) 30/06/2022

(54) TREATMENT OF COGNITIVE IMPAIRMENT WITH ALPHA-N-ACETYLGALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE 5 (ST6GALNAC5) INHIBITORS

(31) 63/217,937

(32) 02/07/2021

(33) US

(86) PCT/US2022/035741

(87) WO/2023/278713

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309529Q

(22) 30/06/2022

(54) METHODS OF TREATING A METABOLIC DISORDER WITH MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE 15 (MAP3K15) INHIBITORS

(31) 63/217,906

(32) 02/07/2021

(33) US

(86) PCT/US2022/035690

(87) WO/2023/278677

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309530P

(22) 29/06/2022

(54) COUPLING ISOELECTRIC FOCUSING-BASED FRACTIONATION WITH MASS SPECTROMETRY ANALYSIS

(31) 63/217,125

(32) 30/06/2021

(33) US

(31) 63/301,350

(32) 20/01/2022

(33) US

(86) PCT/US2022/035602

(87) WO/2023/278634

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309537V

(22) 30/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) TREATMENT OF DECREASED BONE MINERAL DENSITY WITH WNT FAMILY MEMBER 5B (WNT5B) INHIBITORS

(31) 63/218,209 (32) 02/07/2021 (33) US
(86) PCT/US2022/035846 (87) WO/2023/278787

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309540R (22) 05/07/2022

(54) METHODS OF TREATING SKIN CANCER WITH HISTIDINE AMMONIA-LYASE (HAL) AGONISTS

(31) 63/219,460 (32) 08/07/2021 (33) US
(86) PCT/US2022/073438 (87) WO/2023/283558

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309549P (22) 05/07/2022

(54) TREATMENT OF VARICOSE VEINS WITH PIEZO TYPE MECHANOSENSITIVE ION CHANNEL COMPONENT 1 (PIEZO1) AGONISTS

(31) 63/219,462 (32) 08/07/2021 (33) US
(86) PCT/US2022/073441 (87) WO/2023/283560

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309575T (22) 05/07/2022

(54) METHODS OF TREATING SKIN CANCER WITH CARBOXYPEPTIDASE VITELLOGENIC LIKE (CPVL) INHIBITORS

(31) 63/219,464 (32) 08/07/2021 (33) US
(86) PCT/US2022/073436 (87) WO/2023/283556

(71) REGENERON PHARMACEUTICALS, INC.

(21) 10202303536Q (22) 15/03/2019

(54) MICROCHIP CAPILLARY ELECTROPHORESIS ASSAYS AND REAGENTS

(31) 62/644,933 (32) 19/03/2018 (33) US

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202309917T (22) 11/07/2022

(54) METHODS FOR VIRAL PARTICLE CHARACTERIZATION USING TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY

(31) 63/220,651 (32) 12/07/2021 (33) US
(31) 63/275,138 (32) 03/11/2021 (33) US
(31) 63/359,554 (32) 08/07/2022 (33) US
(31) 63/359,557 (32) 08/07/2022 (33) US
(86) PCT/US2022/036723 (87) WO/2023/287723

(71) REGENERON PHARMACEUTICALS, INC.

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(21) 11202309918R (22) 12/07/2022
(54) PROTEIN N-TERMINAL DE NOVO SEQUENCING BY POSITION-SELECTIVE DIMETHYLATION
(31) 63/221,454 (32) 13/07/2021 (33) US
(86) PCT/US2022/036876 (87) WO/2023/287828

(71) REGENERON PHARMACEUTICALS, INC.
(21) 11202309919V (22) 12/07/2022
(54) BIOANALYSIS OF THERAPEUTIC ANTIBODIES AND RELATED PRODUCTS USING IMMUNOPRECIPITATION AND NATIVE SCX-MS DETECTION
(31) 63/221,439 (32) 13/07/2021 (33) US
(86) PCT/US2022/036873 (87) WO/2023/287826

(71) REGENERON PHARMACEUTICALS, INC.
(21) 11202309920W (22) 11/07/2022
(54) ONLINE NATIVE MASS SPECTROMETRY METHODS FOR ASSAYING VIRAL PARTICLES
(31) 63/220,654 (32) 12/07/2021 (33) US
(31) 63/352,754 (32) 16/06/2022 (33) US
(86) PCT/US2022/036725 (87) WO/2023/287724

(71) REMEGEN CO., LTD.
(21) 11202309593Y (22) 29/09/2022
(54) METHOD FOR TREATING SJOGREN'S SYNDROME USING TACI-FC FUSION PROTEIN
(31) 202111156909.2 (32) 30/09/2021 (33) CN
(86) PCT/CN2022/122399 (87) WO/2023/051660

(71) REMONI TECHNOLOGIES RO SRL
(21) 11202309743P (22) 17/06/2022
(54) FLOW SENSOR AND METHOD USING TEMPERATURE TO IMPROVE MEASUREMENTS FOR LOW RATES
(31) PA202100690 (32) 27/06/2021 (33) DK
(31) PA202200049 (32) 19/01/2022 (33) DK
(86) PCT/DK2022/050134 (87) WO/2023/274474

(71) RESNENT, LLC
(21) 11202309925U (22) 29/06/2022
(54) ARTICULATING CANNULA WITH ENDOSCOPE ATTACHMENT
(31) 63/216,209 (32) 29/06/2021 (33) US
(86) PCT/US2022/035541 (87) WO/2023/278591

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(71) RESONAC CORPORATION

(21) 11202301610P

(22) 05/07/2021

(54) PHOTSENSITIVE RESIN COMPOSITION, PERMANENT RESIST, METHOD FOR FORMING PERMANENT RESIST, AND METHOD FOR INSPECTING PERMANENT RESIST CURED FILM

(86) PCT/JP2021/025320

(87) WO/2023/281584

(71) RESONAC CORPORATION

(21) 11202309564Y

(22) 29/08/2022

(54) POLISHING LIQUID, POLISHING METHOD, COMPONENT MANUFACTURING METHOD, AND SEMICONDUCTOR COMPONENT MANUFACTURING METHOD

(31) PCT/JP2021/031892

(32) 31/08/2021

(33) JP

(31) PCT/JP2021/031894

(32) 31/08/2021

(33) JP

(31) 2022-088818

(32) 31/05/2022

(33) JP

(86) PCT/JP2022/032451

(87) WO/2023/032928

(71) RIDDLE & CODE GMBH

(21) 11202309204T

(22) 22/06/2021

(54) EMBEDDED DATA HARVESTING

(86) PCT/EP2021/067020

(87) WO/2022/268303

(71) RIGSHOSPITALET; UNIVERSITY OF COPENHAGEN

(21) 11202308781T

(22) 29/06/2022

(54) ANTIBODY-DRUG CONJUGATES COMPRISING HUMANIZED ANTIBODIES TARGETING UROKINASE TYPE PLASMINOGEN ACTIVATOR RECEPTOR ASSOCIATED PROTEIN (UPARAP)

(31) 21182271.3

(32) 29/06/2021

(33) EP

(86) PCT/EP2022/067832

(87) WO/2023/275112

(71) ROQUETTE FRERES

(21) 11202309719P

(22) 05/07/2022

(54) PEA STARCH HMT METHOD

(31) FR2107379

(32) 08/07/2021

(33) FR

(86) PCT/FR2022/051349

(87) WO/2023/281213

(71) ROXTEC AB

(21) 11202309550Y

(22) 27/06/2022

(54) TRANSITION FOR OPTICAL FIBRE CABLE

(31) 2150847-8

(32) 30/06/2021

(33) SE

(86) PCT/SE2022/050636

(87) WO/2023/277770

(71) ROXTEC AB

(21) 11202309608X

(22) 28/06/2022

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) A SEALING MODULE FOR CABLES OR PIPES, A TRANSIT SYSTEM COMPRISING SUCH A SEALING MODULE, AND METHODS OF MANUFACTURING SUCH A SEALING MODULE

(31) 2150845-2 (32) 30/06/2021 (33) SE
 (86) PCT/SE2022/050639 (87) WO/2023/277771

(71) RPL HOLDINGS LTD

(21) 11202309303U (22) 06/06/2022

(54) LOW GLOBAL WARMING REFRIGERANT BLENDS

(31) 2108077.5 (32) 06/06/2021 (33) GB
 (86) PCT/EP2022/065306 (87) WO/2022/258558

(71) RTX CORPORATION

(21) 10202303157Y (22) 07/11/2023

(54) SUPPORT STRUCTURE FOR BEARING COMPARTMENT

(31) 63/423,279 (32) 07/11/2022 (33) US

(71) RTX CORPORATION

(21) 10202303164R (22) 07/11/2023

(54) BEARING CHAMBER WITH THERMAL HEAT EXCHANGE FINS

(31) 63/423,389 (32) 07/11/2022 (33) US

(71) RTX Corporation

(21) 10202303162W (22) 07/11/2023

(54) BEARING CHAMBER WITH MAPPED THERMAL HEAT EXCHANGE FINS

(31) 63/423,387 (32) 07/11/2022 (33) US

(71) RUBEDO LIFE SCIENCES, INC.

(21) 10202303454X (22) 11/07/2019

(54) SENOLYTIC COMPOSITIONS AND USES THEREOF

(31) 62/696,486 (32) 11/07/2018 (33) US

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 10202303387V (22) 30/11/2023

(54) SEMICONDUCTOR DEVICE

(31) 10-2023-0007486 (32) 18/01/2023 (33) KR

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 11202309268Q (22) 03/08/2022

(54) ELECTRONIC DEVICE COMPRISING ANTENNA

(31) 10-2021-0105677 (32) 10/08/2021 (33) KR

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(31) 10-2021-0180895	(32) 16/12/2021	(33) KR
(86) PCT/KR2022/011478	(87) WO/2023/018099	
(71) SAMSUNG ELECTRONICS CO., LTD.		
(21) 11202309572R	(22) 04/08/2022	
(54) ELECTRONIC DEVICE HAVING WATERPROOF STRUCTURE APPLIED THERETO		
(31) 10-2021-0105368	(32) 10/08/2021	(33) KR
(31) 10-2021-0106361	(32) 11/08/2021	(33) KR
(86) PCT/KR2022/011560	(87) WO/2023/018107	
(71) SAMSUNG ELECTRONICS CO., LTD.		
(21) 10202303644Y	(22) 26/12/2023	
(54) SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME, AND ELECTRONIC SYSTEM INCLUDING SEMICONDUCTOR DEVICE		
(31) 10-2023-0071090	(32) 01/06/2023	(33) KR
(71) SANOFI		
(21) 11202309461V	(22) 17/06/2022	
(54) MULTIVALENT INFLUENZA VACCINES		
(31) 63/212,523	(32) 18/06/2021	(33) US
(31) 21315198.8	(32) 13/10/2021	(33) EP
(31) 63/276,243	(32) 05/11/2021	(33) US
(31) PCT/US2021/058250	(32) 05/11/2021	(33) US
(86) PCT/IB2022/055655	(87) WO/2022/264109	
(71) SANOFI		
(21) 11202309551T	(22) 14/06/2022	
(54) SUBSTITUTED PYRROLO[2,3-D]PYRIMIDINES, THEIR PREPARATION AND THEIR THERAPEUTIC APPLICATION		
(31) 21315095.6	(32) 15/06/2021	(33) EP
(31) 22315117.6	(32) 02/06/2022	(33) EP
(86) PCT/EP2022/066231	(87) WO/2022/263472	
(71) SAREPTA THERAPEUTICS, INC.; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES; UNIVERSITY OF MARYLAND; THE PROGERIA RESEARCH FOUNDATION		
(21) 10202303471P	(22) 28/04/2017	
(54) OLIGONUCLEOTIDE ANALOGUES TARGETING HUMAN LMNA		
(31) 62/330,027	(32) 29/04/2016	(33) US
(71) SCG Cement Company Limited		
(21) 10202303386X	(22) 30/11/2023	

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(54) LIGHTWEIGHT MORTAR COMPOSITION FOR THREE-DIMENSIONAL PRINTING

(31) 2301004076 (32) 29/06/2023 (33) TH

(71) SCHOLAR ROCK, INC.

(21) 11202308938U (22) 22/06/2022

(54) A MYOSTATIN PATHWAY INHIBITOR IN COMBINATION WITH A GLP-1 PATHWAY ACTIVATOR FOR USE IN TREATING METABOLIC DISORDERS

(31) 63/214,234 (32) 23/06/2021 (33) US

(31) 63/260,136 (32) 10/08/2021 (33) US

(31) 63/260,254 (32) 13/08/2021 (33) US

(31) 63/266,348 (32) 03/01/2022 (33) US

(31) 63/269,702 (32) 21/03/2022 (33) US

(86) PCT/US2022/034588 (87) WO/2022/271867

(71) SCIPHER MEDICINE CORPORATION

(21) 11202309748R (22) 21/06/2022

(54) METHODS AND SYSTEMS FOR PERSONALIZED THERAPIES

(31) 63/213,428 (32) 22/06/2021 (33) US

(31) 63/329,008 (32) 08/04/2022 (33) US

(86) PCT/US2022/034368 (87) WO/2022/271717

(71) SCIPHER MEDICINE CORPORATION

(21) 11202309815P (22) 21/06/2022

(54) METHODS AND SYSTEMS FOR THERAPY MONITORING AND TRIAL DESIGN

(31) 63/213,431 (32) 22/06/2021 (33) US

(31) 63/329,008 (32) 08/04/2022 (33) US

(86) PCT/US2022/034375 (87) WO/2022/271724

(71) SEAGEN INC.

(21) 11202309153W (22) 28/06/2022

(54) METHODS OF TREATING CANCER WITH A COMBINATION OF A NONFUCOSYLATED ANTI-CD70 ANTIBODY AND A CD47 ANTAGONIST

(31) 63/216,233 (32) 29/06/2021 (33) US

(31) 63/318,920 (32) 11/03/2022 (33) US

(86) PCT/US2022/035220 (87) WO/2023/278377

(71) SEMPERIT AG HOLDING

(21) 11202309749V (22) 21/06/2022

(54) HANDRAIL AND METHOD FOR MANUFACTURING THE HANDRAIL

(31) 10 2021 115 997.0 (32) 21/06/2021 (33) DE

(86) PCT/EP2022/066809 (87) WO/2022/268765

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(71) SENJU METAL INDUSTRY CO., LTD.

(21) 10202303403T (22) 17/11/2021
(54) SOLDER ALLOY, SOLDER BALL AND SOLDER JOINT
(31) 63/115,611 (32) 19/11/2020 (33) US

(71) SENTI BIOSCIENCES, INC.

(21) 11202309644S (22) 16/06/2022
(54) ARMED CHIMERIC RECEPTORS AND METHODS OF USE THEREOF
(31) 63/211,468 (32) 16/06/2021 (33) US
(31) 63/305,155 (32) 31/01/2022 (33) US
(86) PCT/US2022/033893 (87) WO/2022/266396

(71) SERVATUS LTD

(21) 10202303469R (22) 08/12/2021
(54) COMBINATION THERAPY FOR INFLAMMATORY DISORDERS OF THE JOINTS
(31) 2020904573 (32) 09/12/2020 (33) AU

(71) SHAFFER, Lisa

(21) 11202309582P (22) 30/06/2021
(54) SUBGINGIVAL MEDICAMENT DELIVERY TRAY
(31) 17/352,202 (32) 18/06/2021 (33) US
(86) PCT/US2021/039951 (87) WO/2022/265659

(71) SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.

(21) 11202309099P (22) 09/06/2022
(54) SALT AND CRYSTAL FORM OF PYRAZOLE-CONTAINING POLYCYCLIC DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(31) 202110642255.8 (32) 09/06/2021 (33) CN
(31) 202110655580.8 (32) 11/06/2021 (33) CN
(86) PCT/CN2022/097828 (87) WO/2022/258007

(71) SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.;JIANGXI JEMINCARE GROUP CO., LTD.

(21) 11202309428U (22) 07/06/2022
(54) ANTI-MASP-2 ANTIBODY AND USE THEREOF
(31) 202110638145.4 (32) 08/06/2021 (33) CN
(86) PCT/CN2022/097268 (87) WO/2022/257900

(71) SHANGHAI MICROSTART PHOTOELECTRIC TECHNOLOGY CO., LTD

(21) 11202309275W (22) 07/06/2022
(54) A Photolithography Method Based on Bilayer Photoresist

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

(31) 202110653553.7 (32) 11/06/2021 (33) CN
(86) PCT/CN2022/097391 (87) WO/2022/257923

(71) SHANGHAI VITALGEN BIOPHARMA CO., LTD.

(21) 11202309883Q (22) 15/07/2022

(54) RECOMBINANT ADENO-ASSOCIATED VIRAL VECTORS FOR TREATING BIETTI
CRYSTALLINE DYSTROPHY

(31) PCT/CN2021/106619 (32) 15/07/2021 (33) CN
(86) PCT/CN2022/106089 (87) WO/2023/284873

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

(21) 11202308747S (22) 20/06/2022

(54) OLEFINS PRODUCTION PROCESS

(31) 21180889.4 (32) 22/06/2021 (33) EP
(31) 202141061544 (32) 29/12/2021 (33) IN
(86) PCT/EP2022/066711 (87) WO/2022/268706

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

(21) 11202309190W (22) 29/06/2022

(54) TREATMENT OF PLASTIC-DERIVED OIL

(31) 63/217,424 (32) 01/07/2021 (33) US
(86) PCT/US2022/035486 (87) WO/2023/278548

(71) SHENZHEN CELLBRI BIO-INNOVATION TECHNOLOGY CO., LTD.

(21) 11202309974W (22) 04/07/2022

(54) QUANTITATIVE, STERILE AND DISPOSABLE AUTOMATIC CELL SAMPLING DEVICE AND
METHOD

(31) 202110788193.1 (32) 13/07/2021 (33) CN
(86) PCT/CN2022/103738 (87) WO/2023/284580

(71) SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.

(21) 11202309552S (22) 18/08/2021

(54) HEATING ATOMIZING CORE, HEATING ATOMIZING MECHANISM, HEATING ATOMIZER,
AND ELECTRONIC ATOMIZING DEVICE THEREOF

(86) PCT/CN2021/113355 (87) WO/2023/019486

(71) SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.

(21) 11202309742U (22) 18/08/2021

(54) LIQUID TRANSFER UNIT FOR ATOMIZATION CORE, AND HEATING ATOMIZATION CORE
COMPRISING LIQUID TRANSFER UNIT

(86) PCT/CN2021/113356 (87) WO/2023/019487

APPLICATIONS FOR PATENTS FILED (Name Index) - cont'd

- (71) SHENZHEN HUACHENGDA PRECISION INDUSTRY CO.LTD.
(21) 11202309202X (22) 08/09/2021
(54) POROUS CERAMIC ATOMIZATION CORE AND ELECTRONIC ATOMIZATION DEVICE USING SAME
(86) PCT/CN2021/117256 (87) WO/2023/035152
- (71) SHENZHEN JINMO TECHNOLOGY CO., LTD.
(21) 10202303401V (22) 01/12/2023
(54) BEAUTY INSTRUMENT
(31) 202320495316.7 (32) 07/03/2023 (33) CN
- (71) SHENZHEN SENIOR TECHNOLOGY MATERIAL CO., LTD.
(21) 11202309660P (22) 15/06/2022
(54) COATING SLURRY, COATED SEPARATOR, AND PREPARATION METHOD OF COATED SEPARATOR
(31) 202110665849.0 (32) 16/06/2021 (33) CN
(86) PCT/CN2022/098973 (87) WO/2022/262778
- (71) SHENZHEN SENIOR TECHNOLOGY MATERIAL CO., LTD.; JIANGSU SENIOR NEW MATERIAL TECHNOLOGY CO., LTD
(21) 11202309674Q (22) 27/05/2022
(54) COATING SLURRY, COATED SEPARATOR, PREPARATION METHOD OF COATED SEPARATOR, AND BATTERY INCLUDING COATED SEPARATOR
(31) 202110665849.0 (32) 16/06/2021 (33) CN
(86) PCT/CN2022/095781 (87) WO/2022/262556
- (71) SHENZHEN ULIKE SMART ELECTRONICS CO., LTD.
(21) 11202308696X (22) 20/06/2023
(54) HAIR REMOVAL INSTRUMENT
(31) 202221551332.5 (32) 20/06/2022 (33) CN
(31) 202221550413.3 (32) 20/06/2022 (33) CN
(31) 202221551331.0 (32) 20/06/2022 (33) CN
(86) PCT/CN2023/101524 (87) WO/2023/246817
- (71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 10202303539Y (22) 18/12/2023
(54) COMPOUND FOR FORMING METAL-CONTAINING FILM, COMPOSITION FOR FORMING METAL-CONTAINING FILM, AND PATTERNING PROCESS
(31) 2022-205528 (32) 22/12/2022 (33) JP
- (71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 10202303632W (22) 26/12/2023

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(54) COMPOUND FOR FORMING METAL-CONTAINING FILM, COMPOSITION FOR FORMING METAL-CONTAINING FILM, AND PATTERNING PROCESS

(31) 2023-802 (32) 06/01/2023 (33) JP

(71) SHIRE HUMAN GENETIC THERAPIES, INC.; ETHRIS GMBH

(21) 10202303442T (22) 14/03/2014

(54) CFTR MRNA COMPOSITIONS AND RELATED METHODS AND USES

(31) 61/783,663 (32) 14/03/2013 (33) US

(71) SIGTLE INC.

(21) 11202309167W (22) 22/03/2022

(54) SENSOR DEVICE, SYSTEM, AND TRANSMISSION METHOD

(31) 2021-101709 (32) 18/06/2021 (33) JP

(86) PCT/JP2022/013139 (87) WO/2022/264592

(71) SILTRONIC AG

(21) 11202309177U (22) 11/05/2022

(54) Method for depositing an epitaxial layer on a substrate wafer of semiconductor material in a deposition apparatus

(31) 21177025.0 (32) 01/06/2021 (33) EP

(86) PCT/EP2022/062771 (87) WO/2022/253533

(71) SILTRONIC AG

(21) 11202309415U (22) 12/07/2022

(54) METHOD FOR PRODUCING A GALLIUM OXIDE LAYER ON A SUBSTRATE

(31) 21187231.2 (32) 22/07/2021 (33) EP

(86) PCT/EP2022/069433 (87) WO/2023/001630

(71) SINGNERGY CORPORATION PTE. LTD.

(21) 11202309427S (22) 02/07/2021

(54) MULTI-PASS DRYING PROCESS FOR A WET SUBSTANCE

(86) PCT/SG2021/050388 (87) WO/2023/277786

(71) SK hynix Inc.

(21) 10202303161V (22) 07/11/2023

(54) CALIBRATION DEVICE, MEMORY SYSTEM INCLUDING THE CALIBRATION DEVICE AND METHOD FOR OPERATING THE SAME

(31) 10-2023-0041085 (32) 29/03/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303174T (22) 08/11/2023

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(54) SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

(31) 10-2023-0018940 (32) 13/02/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303237V (22) 16/11/2023

(54) SEMICONDUCTOR MEMORY DEVICE FOR PERFORMING BLIND PROGRAM OPERATION AND METHOD OF OPERATING THE SAME

(31) 10-2022-0182875 (32) 23/12/2022 (33) KR

(71) SK hynix Inc.

(21) 10202303253X (22) 17/11/2023

(54) SEMICONDUCTOR MEMORY DEVICE

(31) 10-2023-0026110 (32) 27/02/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303285W (22) 21/11/2023

(54) SEMICONDUCTOR MEMORY DEVICE FOR PERFORMING PROGRAM OPERATION

(31) 10-2023-0033794 (32) 15/03/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303381S (22) 29/11/2023

(54) MEMORY DEVICE AND STORAGE DEVICE

(31) 10-2023-0032495 (32) 13/03/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303383W (22) 29/11/2023

(54) MEMORY DEVICE AND METHOD OF MANUFACTURING MEMORY DEVICE

(31) 10-2023-0012626 (32) 31/01/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303404R (22) 01/12/2023

(54) MEMORY DEVICE AND OPERATING METHOD THEREOF

(31) 10-2023-0024883 (32) 24/02/2023 (33) KR

(71) SK hynix Inc.

(21) 10202303418P (22) 04/12/2023

(54) SEMICONDUCTOR APPARATUS AND SEMICONDUCTOR SYSTEM, AND OPERATING METHOD OF THE SEMICONDUCTOR SYSTEM

(31) 10-2023-0038593 (32) 24/03/2023 (33) KR

(31) 10-2023-0038600 (32) 24/03/2023 (33) KR

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(71) SOCIETE DES PRODUITS NESTLE S.A.

(21) 11202309342Y

(22) 11/07/2022

(54) BEVERAGE OR FOODSTUFF PREPARATION SYSTEM

(31) 21186146.3

(32) 16/07/2021

(33) EP

(86) PCT/EP2022/069316

(87) WO/2023/285378

(71) SOCIETE DES PRODUITS NESTLE S.A.

(21) 11202309343R

(22) 13/07/2022

(54) BEVERAGE OR FOODSTUFF PREPARATION SYSTEM

(31) 21186154.7

(32) 16/07/2021

(33) EP

(86) PCT/EP2022/069633

(87) WO/2023/285548

(71) SOCIETE DES PRODUITS NESTLE S.A.

(21) 11202309982R

(22) 11/07/2022

(54) CONTAINER, BEVERAGE OR FOODSTUFF PREPARATION SYSTEM, USE OF SAID CONTAINER AND METHOD OF FORMING A CONTAINER

(31) 21186122.4

(32) 16/07/2021

(33) EP

(86) PCT/EP2022/069304

(87) WO/2023/285370

(71) SOCIETE DES PRODUITS NESTLE S.A.

(21) 11202309984P

(22) 11/07/2022

(54) CONTAINER AND BEVERAGE OR FOODSTUFF PREPARATION SYSTEM COMPRISING THE CONTAINER

(31) 21186135.6

(32) 16/07/2021

(33) EP

(86) PCT/EP2022/069310

(87) WO/2023/285374

(71) SOITEC; COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

(21) 11202309217Y

(22) 25/05/2022

(54) PROCESS FOR FABRICATING A SEMICONDUCTOR STRUCTURE COMPRISING A WORKING LAYER MADE OF SILICON CARBIDE WITH IMPROVED ELECTRICAL PROPERTIES

(31) FR2105848

(32) 03/06/2021

(33) FR

(86) PCT/FR2022/051000

(87) WO/2022/254131

(71) SOLUGEN, INC.

(21) 11202309295P

(22) 09/06/2022

(54) BIO-BASED CLEANER ADDITIVE

(31) 63/208,601

(32) 09/06/2021

(33) US

(31) 63/203,634

(32) 27/07/2021

(33) US

(31) 63/253,066

(32) 06/10/2021

(33) US

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(71) SOLUGEN, INC.		
(21) 11202309786T	(22) 24/06/2022	
(54) NONFERROUS METAL CORROSION INHIBITORS AND METHODS OF USING SAME		
(31) 63/215,392	(32) 25/06/2021	(33) US
(31) 63/228,567	(32) 02/08/2021	(33) US
(86) PCT/US2022/073146	(87) WO/2022/272299	
(71) SPACE SHIFT, INC.		
(21) 11202309651R	(22) 21/01/2022	
(54) LEARNING MODEL, SIGNAL PROCESSOR, FLYING OBJECT, AND PROGRAM		
(31) 2021-101963	(32) 18/06/2021	(33) JP
(86) PCT/JP2022/002203	(87) WO/2022/264473	
(71) SPACECRAFT SEVEN, LLC		
(21) 10202303239R	(22) 20/05/2021	
(54) ENGINEERED PARKIN AND USES THEREOF		
(31) 63/027,866	(32) 20/05/2020	(33) US
(31) 63/027,868	(32) 20/05/2020	(33) US
(71) SPARK THERAPEUTICS, INC.		
(21) 11202309287V	(22) 10/06/2022	
(54) AAV VECTOR COLUMN PURIFICATION METHODS		
(31) 63/209,680	(32) 11/06/2021	(33) US
(31) 63/366,094	(32) 09/06/2022	(33) US
(86) PCT/US2022/072859	(87) WO/2022/261663	
(71) SPARK THERAPEUTICS, INC.		
(21) 11202309465P	(22) 10/06/2022	
(54) METHODS OF REGULATING ADENO-ASSOCIATED VIRUS PRODUCTION		
(31) 63/209,735	(32) 11/06/2021	(33) US
(31) 63/350,849	(32) 09/06/2022	(33) US
(86) PCT/US2022/033071	(87) WO/2022/261475	
(71) ST ENGINEERING ADVANCED MATERIAL ENGINEERING PTE. LTD.		
(21) 11202309912U	(22) 29/06/2022	
(54) SAFE-AND-ARM DEVICE		
(31) 10202107146V	(32) 29/06/2021	(33) SG
(86) PCT/SG2022/050453	(87) WO/2023/277816	

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(71) STAYBILITY Corp.

(21) 10202303660T

(22) 28/12/2023

(54) SYSTEM FOR MANAGING SHARED PROPERTY ON BASIS OF SECURITY TOKEN, AND METHOD THEREOF

(71) STRATA ONCOLOGY, INC.

(21) 11202309714T

(22) 21/06/2022

(54) METHODS OF DETECTING NTRK FUSION PROTEINS

(31) 63/212,577

(32) 18/06/2021

(33) US

(86) PCT/US2022/034417

(87) WO/2022/266551

(71) STRATA ONCOLOGY, INC.

(21) 11202309716V

(22) 17/06/2022

(54) METHODS FOR IDENTIFYING MUTATIONS USING MACHINE LEARNING

(31) 63/211,891

(32) 17/06/2021

(33) US

(86) PCT/US2022/034115

(87) WO/2022/266518

(71) STRATA ONCOLOGY, INC.

(21) 11202309717W

(22) 21/06/2022

(54) METHODS OF DETERMINING CANCER THERAPY EFFECTIVENESS

(31) 63/212,581

(32) 18/06/2021

(33) US

(86) PCT/US2022/034422

(87) WO/2022/266552

(71) SUEZ INTERNATIONAL; RESSOURCEAS S.R.L.

(21) 11202310027W

(22) 01/07/2022

(54) METHOD AND INSTALLATION FOR PRODUCING DESALTED AND MINERALIZED WATER FROM SALINE WATER

(31) 21305924.9

(32) 02/07/2021

(33) EP

(86) PCT/EP2022/068355

(87) WO/2023/275399

(71) SUMITOMO CHEMICAL COMPANY, LIMITED

(21) 11202309598S

(22) 08/06/2022

(54) MEMBRANE SEPARATION METHOD, AND METHOD FOR MANUFACTURING LOOSE RO MEMBRANE

(31) 2021-108090

(32) 29/06/2021

(33) JP

(86) PCT/JP2022/023031

(87) WO/2023/276586

(71) SUMITOMO SEIKA CHEMICALS CO., LTD.

(21) 11202309592V

(22) 16/06/2022

(54) METHOD AND DEVICE FOR MANUFACTURING CARBON MONOXIDE

(31) 2021-104175

(32) 23/06/2021

(33) JP

(31) 2021-104254

(32) 23/06/2021

(33) JP

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- (71) SUMMIT BUILDING WASH TECHNOLOGIES LIMITED
 (21) 11202309397T (22) 08/06/2022
 (54) A CLEANING APPARATUS AND CLEANING SYSTEM
 (31) 777044 (32) 09/06/2021 (33) NZ
 (31) 782131 (32) 08/11/2021 (33) NZ
 (86) PCT/NZ2022/050069 (87) WO/2022/260538
- (71) SUN, Chi Chun
 (21) 11202309437T (22) 10/05/2021
 (54) SYSTEMS AND METHODS FOR ARTIFICIAL INTELLIGENCE POWERED INSPECTIONS AND PREDICTIVE ANALYSES
 (31) 63/021,894 (32) 08/05/2020 (33) US
 (86) PCT/IB2021/053937 (87) WO/2021/224893
- (71) SUN, Qianran; SUN, Qianhao; SUN, Weiya
 (21) 10202303634R (22) 26/12/2023
 (54) DATA PROCESSING METHOD AND APPARATUS FOR INNOMINATE DIGITAL SIGNATURE MESSAGE, DEVICE AND MEDIUM
- (71) SUNTORY HOLDINGS LIMITED
 (21) 11202309513U (22) 29/06/2022
 (54) BEVERAGE, AND METHOD FOR ENHANCING ALCOHOLIC FEEL OF BEVERAGE
 (31) 2021-110024 (32) 01/07/2021 (33) JP
 (86) PCT/JP2022/025900 (87) WO/2023/277050
- (71) SUNTORY HOLDINGS LIMITED
 (21) 11202309751X (22) 29/06/2022
 (54) JELLY BEVERAGE
 (31) 2021-109377 (32) 30/06/2021 (33) JP
 (86) PCT/JP2022/025989 (87) WO/2023/277070
- (71) SUNTORY HOLDINGS LIMITED
 (21) 11202309808U (22) 30/06/2022
 (54) PROCESSED FOOD PRODUCT
 (31) 2021-109249 (32) 30/06/2021 (33) JP
 (31) 2021-109250 (32) 30/06/2021 (33) JP
 (86) PCT/JP2022/026325 (87) WO/2023/277149
- (71) SUNTORY HOLDINGS LIMITED

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(54) METHOD OF PRODUCING PROCESSED FOOD		
(31) 2021-109249	(32) 30/06/2021	(33) JP
(31) 2021-109250	(32) 30/06/2021	(33) JP
(86) PCT/JP2022/026326	(87) WO/2023/277150	
(71) SUPRÊME		
(21) 11202309578W	(22) 09/07/2022	
(54) FOODSTUFFS COMPRISING CELLS DIFFERENTIATED FROM ENGINEERED OLIGOPOTENT STEM CELLS		
(31) 21305964.5	(32) 09/07/2021	(33) EP
(31) 63/220,158	(32) 09/07/2021	(33) US
(86) PCT/EP2022/069207	(87) WO/2023/281114	
(71) SUZHOU HUAZHAN SPACE APPLIANCE CO., LTD.		
(21) 11202309120X	(22) 11/05/2022	
(54) GROUND PROTECTION EXPLOSION-PROOF PLUG		
(31) 202110669735.3	(32) 17/06/2021	(33) CN
(31) 202121342362.0	(32) 17/06/2021	(33) CN
(86) PCT/CN2022/092171	(87) WO/2022/262482	
(71) SYNACT PHARMA APS		
(21) 11202309422P	(22) 21/06/2022	
(54) PHENYL PYRROLE AMINOGUANIDINE SALTS AND FORMULATIONS		
(31) 21180702.9	(32) 21/06/2021	(33) EP
(31) 21180708.6	(32) 21/06/2021	(33) EP
(31) 21209855.2	(32) 23/11/2021	(33) EP
(86) PCT/EP2022/066906	(87) WO/2022/268825	
(71) SYNAURA BIOTECHNOLOGY (SHANGHAI) CO., LTD.		
(21) 11202310069X	(22) 11/10/2022	
(54) GENETICALLY ENGINEERED BACTERIA AND METHODS FOR PREPARING A FUCOSYLATED OLIGOSACCHARIDE USING THE SAME		
(31) 202111468092.2	(32) 03/12/2021	(33) CN
(86) PCT/CN2022/124634	(87) WO/2023/098299	
(71) SYNPROMICS LIMITED; ASKLEPIOS BIOPHARMACEUTICAL, INC.		
(21) 11202309616W	(22) 23/06/2022	
(54) REGULATORY NUCLEIC ACID SEQUENCES		
(31) 2108997.4	(32) 23/06/2021	(33) GB
(31) 2111317.0	(32) 05/08/2021	(33) GB
(86) PCT/GB2022/051611	(87) WO/2022/269269	

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(71) SYSMAX INNOVATIONS CO., LTD.

(21) 11202309235Q (22) 19/11/2021
(54) DUST COLLECTOR WITH PORTABLE POWER SOURCE FUNCTION
(31) 202122036358.8 (32) 26/08/2021 (33) CN
(86) PCT/CN2021/131722 (87) WO/2023/024280

(71) Samsonite IP Holdings S.à r.l.

(21) 10202303295R (22) 22/11/2023
(54) LUGGAGE CASE DIVIDER WITH POCKET
(31) 22209093.8 (32) 23/11/2022 (33) EP
(31) 23210180.8 (32) 15/11/2023 (33) EP

(71) Samsung Electronics Co., Ltd.

(21) 10202303194V (22) 09/11/2023
(54) SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
(31) 10-2023-0042855 (32) 31/03/2023 (33) KR

(71) Samsung Electronics Co., Ltd.

(21) 10202303413X (22) 04/12/2023
(54) INTEGRATED CIRCUIT DEVICES AND METHODS OF FORMING THE SAME
(31) 10-2022-0178693 (32) 19/12/2022 (33) KR

(71) Samsung Electronics Co., Ltd.

(21) 10202303441Y (22) 06/12/2023
(54) SEMICONDUCTOR DEVICE
(31) 10-2023-0046151 (32) 07/04/2023 (33) KR

(71) Samsung Electronics Co., Ltd.

(21) 10202303522X (22) 14/12/2023
(54) NONVOLATILE MEMORY DEVICE AND MEMORY SYSTEM INCLUDING THE SAME
(31) 10-2022-0186038 (32) 27/12/2022 (33) KR

(71) Samsung Electronics Co., Ltd.

(21) 10202303524T (22) 14/12/2023
(54) INTEGRATED CIRCUIT DEVICE AND ELECTRONIC SYSTEM INCLUDING THE SAME
(31) 10-2022-0187757 (32) 28/12/2022 (33) KR

(71) Samsung Electronics Co., Ltd.

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(21) 10202303642U	(22) 26/12/2023	
(54) INTEGRATED CIRCUIT DEVICE		
(31) 10-2023-0038972	(32) 24/03/2023	(33) KR
(31) 10-2023-0046197	(32) 07/04/2023	(33) KR
(71) Samsung Electronics Co., Ltd.; STATS ChipPAC Pte. Ltd.		
(21) 10202303199U	(22) 10/11/2023	
(54) SEMICONDUCTOR PACKAGE		
(71) Schneider Electric USA, Inc.		
(21) 10202303408X	(22) 01/12/2023	
(54) SYSTEM AND METHOD FOR CALIBRATING A NON-CONTACT ENERGY METERING ASSEMBLY		
(31) 63/476,728	(32) 22/12/2022	(33) US
(31) 18/170,267	(32) 16/02/2023	(33) US
(71) Seagen Inc.		
(21) 10202303376Q	(22) 30/11/2018	
(54) HUMANIZED ANTI-LIV1 ANTIBODIES FOR THE TREATMENT OF BREAST CANCER		
(31) 62/593,660	(32) 01/12/2017	(33) US
(71) Shin-Etsu Chemical Co., Ltd.		
(21) 10202303478V	(22) 12/12/2023	
(54) REFLECTIVE MASK BLANK, REFLECTIVE MASK, AND MANUFACTURING METHOD THEREOF		
(31) 2022-204305	(32) 21/12/2022	(33) JP
(71) Shin-Etsu Chemical Co., Ltd.		
(21) 10202303479S	(22) 12/12/2023	
(54) REFLECTIVE MASK BLANK		
(31) 2022-204297	(32) 21/12/2022	(33) JP
(71) Shopee IP Singapore Private Limited		
(21) 10202303571T	(22) 19/12/2023	
(54) SYSTEM AND METHOD FOR GENERATING DATABASE QUERIES BASED ON NATURAL LANGUAGE INPUT		
(71) Singapore Health Services Pte Ltd		
(21) 10202303462Q	(22) 08/12/2023	
(54) DDX3Y ANTIBODY		

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(71) Singapore PharmaTech Pte. Ltd.

(21) 10202303456Q

(22) 08/12/2023

(54) A METHOD TO PREPARE LUTEIN-ENCAPSULATED POWDER

(71) Singapore Polytechnic

(21) 10202303275T

(22) 20/11/2023

(54) Solvent-Based Room-Temperature Bituminous Coating for Waterproofing Application

(71) Singapore Polytechnic

(21) 10202303509W

(22) 14/12/2023

(54) A device for delivering radiation energy to a subject and methods therefor

(71) TAIYO NIPPON SAN SO CORPORATION

(21) 10202303283V

(22) 21/11/2023

(54) COMBUSTION NOZZLE AND COMBUSTION-TYPE EXHAUST GAS TREATMENT APPARATUS

(31) 2022-186016

(32) 21/11/2022

(33) JP

(71) TAKAMITSU SANGYOU CO., LTD.

(21) 11202309585W

(22) 24/03/2022

(54) VEHICLE

(31) 2021-100813

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(33) JP

(86) PCT/JP2022/014097

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(71) TB-SAFETY AG

(21) 11202309036P

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(54) PROTECTIVE HOOD ASSEMBLY

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(33) AT

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(87) WO/2022/248341

(71) TECHNIP ENERGIES FRANCE

(21) 11202309225X

(22) 02/06/2022

(54) METHOD FOR PRODUCING ELECTRICITY BY MEANS OF AN INSTALLATION INTENDED TO BE PLACED IN A BODY OF WATER

(31) FR2105862

(32) 03/06/2021

(33) FR

(86) PCT/EP2022/065061

(87) WO/2022/253961

(71) TECHNISCHE UNIVERSITÄT MÜNCHEN

(21) 11202309916S

(22) 04/08/2022

(54) LIGAND COMPOUNDS COMPRISING A CHELATING GROUP AS A BRIDGING GROUP

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(31) 21189855.6	(32) 05/08/2021	(33) EP
(86) PCT/EP2022/071964	(87) WO/2023/012282	
(71) TEN CATE THIOLON B.V.		
(21) 11202310003U	(22) 08/07/2022	
(54) SPORTS SURFACE, ITS USE AND ITS METHOD OF MANUFACTURING		
(31) 2028688	(32) 09/07/2021	(33) NL
(86) PCT/EP2022/069067	(87) WO/2023/281056	
(71) TENAYA THERAPEUTICS, INC.		
(21) 11202309795V	(22) 08/07/2022	
(54) OPTIMIZED EXPRESSION CASSETTES FOR GENE THERAPY		
(31) 63/219,651	(32) 08/07/2021	(33) US
(86) PCT/US2022/073574	(87) WO/2023/283649	
(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED		
(21) 11202306878V	(22) 20/04/2023	
(54) VIRTUAL OBJECT DISPLAY METHODS AND APPARATUSES, DEVICE, MEDIUM, AND PROGRAM PRODUCT		
(31) 202210614755.5	(32) 30/05/2022	(33) CN
(86) PCT/CN2023/089386	(87) WO/2023/231629	
(71) TENEOBIO, INC.		
(21) 10202303558X	(22) 21/12/2018	
(54) HEAVY CHAIN ANTIBODIES BINDING TO CD22		
(31) 62/609,759	(32) 22/12/2017	(33) US
(71) TENON CONSTRUCTION PTE. LTD.		
(21) 10202303433Q	(22) 05/12/2023	
(54) METHOD FOR REPLACING AN EXISTING STONE PANEL IN A STONE PANEL WALL ARRANGEMENT ON A STRUCTURE WALL ELEMENT		
(71) TERRATICO, J.S.A.		
(21) 11202309270T	(22) 07/06/2022	
(54) DRY MIXTURE OF CEMENT PLASTIC SCREED		
(31) PP 40-2021	(32) 07/06/2021	(33) SK
(31) PUV 82-2021	(32) 07/06/2021	(33) SK
(86) PCT/SK2022/000005	(87) WO/2022/260606	
(71) TERRATICO, J.S.A.		
(21) 11202309274X	(22) 07/06/2022	

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(54) CEMENT PLASTIC MIXTURE

(31) PP 42-2021	(32) 07/06/2021	(33) SK
(31) PUV 81-2021	(32) 07/06/2021	(33) SK
(86) PCT/SK2022/000004	(87) WO/2022/260605	

(71) TERRATICO, J.S.A.

(21) 11202309281S	(22) 07/06/2022	
(54) METHOD OF PREPARING A CEMENT PLASTIC MIXTURE		
(31) PP 41-2021	(32) 07/06/2021	(33) SK
(31) PUV 85-2021	(32) 07/06/2021	(33) SK
(86) PCT/SK2022/000006	(87) WO/2022/260607	

(71) TESARO, INC.

(21) 10202303638X	(22) 27/12/2018	
(54) METHODS OF TREATING CANCER		
(31) 62/610,761	(32) 27/12/2017	(33) US
(31) 62/613,372	(32) 03/01/2018	(33) US
(31) 62/680,511	(32) 04/06/2018	(33) US

(71) THALES

(21) 10202303521U	(22) 14/12/2023	
(54) METHOD FOR DYNAMICALLY ALLOCATING RESOURCES FOR RADIO COMMUNICATION IN AN INTERFERENCE SITUATION		
(31) 2214220	(32) 22/12/2022	(33) FR

(71) THALES

(21) 10202303591W	(22) 21/12/2023	
(54) METHODS FOR EMITTING AND RECEIVING AN IMAGE REPRESENTING AT LEAST ONE OBJECT, RELATED ELECTRONIC EMISSION AND RECEPTION DEVICES AND COMPUTER PROGRAM PRODUCTS		
(31) 22 14422	(32) 23/12/2022	(33) FR

(71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

(21) 11202309546V	(22) 30/06/2022	
(54) GENOMIC EDITING OF RBM20 MUTATIONS		
(31) 63/218,221	(32) 02/07/2021	(33) US
(31) 63/335,647	(32) 27/04/2022	(33) US
(86) PCT/US2022/035666	(87) WO/2023/278660	

(71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

(21) 11202309856S	(22) 01/07/2022	
(54) COMPOSITIONS AND METHODS FOR MYOSIN HEAVY CHAIN BASE EDITING		

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(31) 63/217,618	(32) 01/07/2021	(33) US
(31) 63/218,221	(32) 02/07/2021	(33) US
(86) PCT/US2022/073386	(87) WO/2023/279106	

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(21) 11202309424X (22) 23/06/2022
(54) COMPOSITIONS AND METHODS FOR IMPROVED PROTEIN TRANSLATION FROM RECOMBINANT CIRCULAR RNAS

(31) 63/215,102	(32) 25/06/2021	(33) US
(31) 63/232,324	(32) 12/08/2021	(33) US
(31) 63/320,954	(32) 17/03/2022	(33) US
(31) 63/353,109	(32) 17/06/2022	(33) US
(86) PCT/US2022/034756	(87) WO/2022/271965	

(71) THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(21) 11202309852U (22) 28/06/2022
(54) SINGLE-CELL PROFILING OF RNA TRANSLATION STATUS

(31) 63/216,315	(32) 29/06/2021	(33) US
(86) PCT/US2022/035271	(87) WO/2023/278409	

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(21) 11202309839S (22) 28/06/2022
(54) SEAWATER ELECTROLYSIS ENABLES SCALABLE ATMOSPHERIC CO₂ MINERALIZATION

(31) 63/215,853	(32) 28/06/2021	(33) US
(86) PCT/US2022/035289	(87) WO/2023/278423	

(71) THE SCRIPPS RESEARCH INSTITUTE
(21) 11202309441S (22) 08/06/2022
(54) LONG-ACTING DUAL GIP/GLP-1 PEPTIDE CONJUGATES AND METHODS OF USE

(31) 63/208,952	(32) 09/06/2021	(33) US
(86) PCT/CN2022/097662	(87) WO/2022/257979	

(71) THE SPEARHEAD GROUP
(21) 11202309962S (22) 28/06/2022
(54) PRESSURE-BASED PACKAGING SYSTEM AND METHOD

(31) 17/360,635	(32) 28/06/2021	(33) US
(86) PCT/US2022/035288	(87) WO/2023/278422	

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
(21) 11202309385R (22) 07/06/2022
(54) CRISPR-TRANSPOSON SYSTEMS FOR DNA MODIFICATION

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(31) 63/236,337	(32) 24/08/2021	(33) US
(31) 63/284,837	(32) 01/12/2021	(33) US
(86) PCT/US2022/032541	(87) WO/2022/261122	
(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK		
(21) 11202309673R	(22) 17/06/2022	
(54) SYSTEMS, METHODS, AND COMPONENTS FOR RNA-GUIDED EFFECTOR RECRUITMENT		
(31) 63/211,635	(32) 17/06/2021	(33) US
(86) PCT/US2022/034072	(87) WO/2022/266492	
(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA		
(21) 10202303358V	(22) 01/12/2021	
(54) COMPOSITIONS AND USES THEREOF FOR TREATMENT OF ANGELMAN SYNDROME		
(31) 63/119,860	(32) 01/12/2020	(33) US
(31) 63/179,807	(32) 26/04/2021	(33) US
(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA		
(21) 10202303472Y	(22) 01/12/2021	
(54) NOVEL COMPOSITIONS WITH TISSUE-SPECIFIC TARGETING MOTIFS AND COMPOSITIONS CONTAINING SAME		
(31) 63/119,863	(32) 01/12/2020	(33) US
(71) THE UNIVERSITY OF NEWCASTLE		
(21) 10202303288U	(22) 21/06/2017	
(54) TREATMENT FOR MYOPIA		
(31) 2016902429	(32) 21/06/2016	(33) AU
(71) THREEBOND CO., LTD.		
(21) 11202309848W	(22) 27/06/2022	
(54) CURABLE COMPOSITION, CURED FILM AND ARTICLE		
(31) 2021-113997	(32) 09/07/2021	(33) JP
(86) PCT/JP2022/025506	(87) WO/2023/282106	
(71) THYMMUNE THERAPEUTICS, INC.		
(21) 11202309884T	(22) 22/06/2022	
(54) THYMIC CELL COMPOSITIONS AND METHODS OF USE THEREOF		
(31) 63/214,176	(32) 23/06/2021	(33) US
(31) 63/256,445	(32) 15/10/2021	(33) US

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(31) 63/321,142	(32) 18/03/2022	(33) US
(86) PCT/US2022/034579	(87) WO/2022/271862	
(71) TOKYO WOMEN'S MEDICAL UNIVERSITY		
(21) 11202309111X	(22) 27/05/2022	
(54) COMPOSITION FOR CULTURING ALGAE AND ALGAE CULTURING METHOD		
(31) 2021-090672	(32) 28/05/2021	(33) JP
(86) PCT/JP2022/021843	(87) WO/2022/250165	
(71) TONIX PHARMA HOLDINGS LIMITED		
(21) 10202303446R	(22) 11/12/2018	
(54) CYCLOBENZAPRINE TREATMENT FOR AGITATION, PSYCHOSIS AND COGNITIVE DECLINE IN DEMENTIA AND NEURODEGENERATIVE CONDITIONS		
(31) 62/597,284	(32) 11/12/2017	(33) US
(71) TOPPAN PHOTOMASK CO.,LTD.		
(21) 11202309181T	(22) 02/06/2022	
(54) REFLECTIVE PHOTOMASK BLANK AND REFLECTIVE PHOTOMASK		
(31) 2021-092981	(32) 02/06/2021	(33) JP
(86) PCT/JP2022/022524	(87) WO/2022/255458	
(71) TOPPAN PHOTOMASK CO.,LTD.		
(21) 11202309547W	(22) 02/06/2022	
(54) REFLECTIVE PHOTOMASK AND METHOD FOR MANUFACTURING REFLECTIVE PHOTOMASK		
(31) 2021-100675	(32) 17/06/2021	(33) JP
(86) PCT/JP2022/022523	(87) WO/2022/264832	
(71) TORXX KINETIC PULVERIZER LIMITED		
(21) 11202309698W	(22) 23/06/2022	
(54) PROCESS FOR TREATING CONSTRUCTION AND DEMOLITION WASTE MATERIAL WITH KINETIC PULVERIZATION		
(31) 3.123.240	(32) 25/06/2021	(33) CA
(31) 3.145.069	(32) 07/01/2022	(33) CA
(86) PCT/CA2022/051016	(87) WO/2022/266770	
(71) TORXX KINETIC PULVERIZER LIMITED		
(21) 11202309702S	(22) 23/06/2022	
(54) PROCESS FOR TREATING FINES STREAM DERIVED FROM WASTE PROCESSING FACILITIES		
(31) 3,123,240	(32) 25/06/2021	(33) CA

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(86) PCT/CA2022/051011	(87) WO/2022/266766	
(71) TOSHIBA CARRIER (THAILAND) CO., LTD.		
(21) 11202309891S	(22) 30/06/2021	
(54) AN OUTDOOR UNIT FOR AIR-CONDITIONING APPARATUS		
(86) PCT/IB2021/055841	(87) WO/2023/275595	
(71) TOTALENERGIES ONETECH		
(21) 11202309677X	(22) 16/06/2022	
(54) BIOSOURCED HYDROCARBON FLUIDS		
(31) FR2106461	(32) 17/06/2021	(33) FR
(86) PCT/EP2022/066516	(87) WO/2022/263609	
(71) TOWA CORPORATION		
(21) 11202309373X	(22) 31/03/2022	
(54) MOLDING DIE MAINTENANCE MEMBER, RESIN MOLDING APPARATUS AND METHOD FOR PRODUCING RESIN MOLDED PRODUCT		
(31) 2021-099001	(32) 14/06/2021	(33) JP
(86) PCT/JP2022/016373	(87) WO/2022/264647	
(71) TOWA CORPORATION		
(21) 11202309587S	(22) 18/03/2022	
(54) RESIN MOLDING APPARATUS AND PRODUCTION METHOD FOR RESIN MOLDED ARTICLE		
(31) 2021-105680	(32) 25/06/2021	(33) JP
(86) PCT/JP2022/012597	(87) WO/2022/270057	
(71) TOYOBO CO., LTD.		
(21) 11202309556W	(22) 24/06/2022	
(54) RELEASE FILM FOR FORMING RESIN SHEET		
(31) 2021-108802	(32) 30/06/2021	(33) JP
(86) PCT/JP2022/025370	(87) WO/2023/276892	
(71) TRACKONOMY SYSTEMS, INC.		
(21) 11202309828P	(22) 24/06/2022	
(54) CONTROL MONITORING USING WIRELESS TRACKING DEVICES		
(31) 63/215,379	(32) 25/06/2021	(33) US
(31) 63/291,467	(32) 20/12/2021	(33) US
(86) PCT/US2022/035004	(87) WO/2022/272137	

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(71) TREEFROG THERAPEUTICS

(21) 11202309642T (22) 16/06/2022

(54) LARGE CELLULAR MICROCOMPARTMENTS COMPRISING A PLURALITY OF CYSTS

(31) FR2106403 (32) 16/06/2021 (33) FR

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(86) PCT/EP2022/066498 (87) WO/2022/263601

(71) TRIO LABS, INC.

(21) 10202303406Y (22) 06/03/2020

(54) METHOD AND APPARATUS FOR DIGITAL FABRICATION OF OBJECTS USING ACTUATED MICROPIXELATION AND DYNAMIC DENSITY CONTROL

(31) 62/817,431 (32) 12/03/2019 (33) US

(71) TRIOPTICS GMBH

(21) 11202310000X (22) 23/06/2022

(54) DEVICE FOR IMAGING THROUGH AN OPTICAL SYSTEM TO BE TESTED, AND SYSTEM AND METHOD FOR TESTING AN OPTICAL SYSTEM

(31) 20 2021 103 431.9 (32) 28/06/2021 (33) DE

(86) PCT/EP2022/067111 (87) WO/2023/274822

(71) TRISTEL PLC

(21) 11202309440P (22) 23/06/2022

(54) METHOD AND APPARATUS FOR PREPARING A LIQUID PREPARATION

(31) 2108978.4 (32) 23/06/2021 (33) GB

(86) PCT/GB2022/051613 (87) WO/2022/269271

(71) TRISTEL PLC

(21) 11202309474T (22) 23/06/2022

(54) APPARATUS FOR PREPARING A LIQUID PREPARATION

(31) 2108982.6 (32) 23/06/2021 (33) GB

(86) PCT/GB2022/051615 (87) WO/2022/269273

(71) TRUSTEES OF TUFTS COLLEGE

(21) 11202309668T (22) 24/06/2022

(54) PLANT-INSPIRED ZWITTERIONIC MONOMERS, POLYMERS, AND USES THEREOF

(31) 63/215,781 (32) 28/06/2021 (33) US

(86) PCT/US2022/034908 (87) WO/2023/278268

(71) TSINGHUA UNIVERSITY; NUCTECH COMPANY LIMITED

(21) 11202310023Q (22) 06/07/2022

(54) INSPECTION SYSTEM AND INSPECTION METHOD

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(31) 202110768765.X	(32) 07/07/2021	(33) CN
(86) PCT/CN2022/104131	(87) WO/2023/280209	
(71) TUOHEY, Andrew		
(21) 11202309264S	(22) 01/06/2022	
(54) A DATA CENTRE SYSTEM AND METHOD OF CONSTRUCTION		
(31) 2021901677	(32) 04/06/2021	(33) AU
(86) PCT/AU2022/050534	(87) WO/2022/251911	
(71) Tencent Technology (Shenzhen) Company Limited		
(21) 11202253988R	(22) 11/08/2022	
(54) IMAGE PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE, STORAGE MEDIUM, AND PROGRAM PRODUCT		
(31) 202210626467.1	(32) 02/06/2022	(33) CN
(86) PCT/CN2022/111736	(87) WO/2023/231182	
(71) The Boeing Company		
(21) 10202303619P	(22) 22/12/2023	
(54) MASTER DATA MODEL FOR AVIATION TRAINING		
(31) 18/158,469	(32) 24/01/2023	(33) US
(71) Tokyo Electron Limited		
(21) 10202303459Y	(22) 08/12/2023	
(54) ETCHING METHOD AND ETCHING APPARATUS		
(31) 18/067,917	(32) 19/12/2022	(33) US
(71) Tokyo Electron Limited		
(21) 10202303496U	(22) 13/12/2023	
(54) SUBSTRATE PROCESSING APPARATUS AND CONTROL METHOD FOR SUBSTRATE PROCESSING APPARATUS		
(71) Tria Pte. Ltd.		
(21) 11202309108R	(22) 13/06/2022	
(54) A Method For Digesting Biodegradable Packaging Waste And An Apparatus Thereof		
(86) PCT/SG2022/050405	(87) WO/2023/244162	
(71) UNITEC FOODS CO., LTD.		
(21) 11202309501P	(22) 30/06/2022	
(54) MEAT SUBSTITUTE FOOD PRODUCT INCLUDING CURD AND METHOD FOR PRODUCING THE SAME		
(31) 2021-108317	(32) 30/06/2021	(33) JP

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- (86) PCT/JP2022/026302 (87) WO/2023/277147
- (71) UNITED MICROELECTRONICS CORP.
(21) 10202303339U (22) 24/11/2023
(54) RADIO FREQUENCY DEVICE
(31) 112140952 (32) 26/10/2023 (33) TW
- (71) UNITED MICROELECTRONICS CORP.
(21) 10202303430R (22) 05/12/2023
(54) SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME
(31) 112141472 (32) 30/10/2023 (33) TW
- (71) UNITED MICROELECTRONICS CORP.
(21) 10202303502T (22) 14/12/2023
(54) Semiconductor layout pattern and semiconductor stack structure suitable for power amplifier
(31) 112145769 (32) 27/11/2023 (33) TW
- (71) UNIVERSAL CITY STUDIOS LLC
(21) 10202303621Q (22) 21/08/2018
(54) LOCKER MANAGEMENT TECHNIQUES
(31) 15/711,614 (32) 21/09/2017 (33) US
- (71) UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
(21) 11202309370Y (22) 08/06/2022
(54) NANOPARTICLES FOR TARGETED NON-SURGICAL SPAYING AND NEUTERING
(31) 63/208,385 (32) 08/06/2021 (33) US
(86) PCT/US2022/032683 (87) WO/2022/261213
- (71) UNIVERSITY OF MASSACHUSETTS; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
(21) 11202309492S (22) 22/06/2022
(54) OPTIMIZED ANTI-FLT1 OLIGONUCLEOTIDE COMPOUNDS FOR TREATMENT OF PREECLAMPSIA AND OTHER ANGIOGENIC DISORDERS
(31) 63/214,224 (32) 23/06/2021 (33) US
(86) PCT/US2022/034461 (87) WO/2022/271786
- (71) UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA
(21) 11202309509S (22) 29/04/2022
(54) METHOD AND APPARATUS FOR HIERARCHICALLY PRUNING DATA IN BLOCKCHAIN TRANSACTION, DEVICE AND MEDIUM
(31) 202110682927.8 (32) 18/06/2021 (33) CN

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- (71) UNIVERSITÄT BERN
(21) 10202303377S (22) 29/11/2017
(54) NOVEL BICYCLIC NUCLEOSIDES AND OLIGOMERS PREPARED THEREFROM
(31) 16201350.2 (32) 30/11/2016 (33) EP
- (71) UNIVERSITÉ CATHOLIQUE DE LOUVAIN
(21) 11202309279Y (22) 09/06/2022
(54) SYSTEM AND METHOD FOR DETERMINING A RISK OF HAVING OR DEVELOPING
STEATOHEPATITIS AND/OR A COMPLICATION THEREOF
(31) 21178620.7 (32) 09/06/2021 (33) EP
(86) PCT/EP2022/065769 (87) WO/2022/258788
- (71) UOP LLC
(21) 10202303266S (22) 20/11/2023
(54) PROCESS FOR DEHYDRATION OF NORMAL PARAFFINS TO OLEFINS
(31) 63/504,884 (32) 30/05/2023 (33) US
- (71) UOP LLC
(21) 10202303293Y (22) 21/11/2023
(54) HEAT AND HYDROGEN INTEGRATION IN PROCESS FOR RENEWABLE ALKYL BENZENE
PRODUCTS
(31) 63/504,880 (32) 30/05/2023 (33) US
- (71) UOP LLC
(21) 11202309603T (22) 21/10/2022
(54) PROCESS FOR PRODUCING RENEWABLE PRODUCT STREAMS
(31) 17/513,651 (32) 28/10/2021 (33) US
(86) PCT/US2022/078507 (87) WO/2023/076839
- (71) UPSIDE FOODS, INC.
(21) 11202309396S (22) 16/06/2021
(54) PLANT FAT-BASED SCAFFOLDS FOR THE GROWTH OF CELL-BASED MEATS AND METHODS
OF MAKING SUCH PRODUCTS
(86) PCT/US2021/037688 (87) WO/2022/265632
- (71) US NANO FOOD & DRUG INC
(21) 11202309665Y (22) 08/07/2022
(54) METHOD OF PRODUCTION OF THE COMPOSITION OF CYCLOOXYGENASE-2 (COX-2)
INHIBITORS

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(86) PCT/IB2022/056309 (87) WO/2023/281449

(71) United Microelectronics Corp.
(21) 10202303214S (22) 14/11/2023
(54) PROJECTION SYSTEM AND METHOD OF OPERATING THE SAME
(31) 112140850 (32) 25/10/2023 (33) TW

(71) V-FLOW TECH PTE. LTD.
(21) 11202309227T (22) 16/06/2022
(54) ELECTROLYTE FORMULATION
(31) 10202106540Q (32) 17/06/2021 (33) SG
(86) PCT/SG2022/050416 (87) WO/2022/265579

(71) VACCINEX, INC.
(21) 10202303308Y (22) 21/10/2014
(54) Use Of Semaphorin-4D Binding Molecules For Treating Neurodegenerative Disorders
(31) 61/893,814 (32) 21/10/2013 (33) US
(31) 61/979,384 (32) 14/04/2014 (33) US
(31) 62/012,805 (32) 16/06/2014 (33) US

(71) VEGA PAY INFORMATION TECHNOLOGY NETWORK SERVICES L.L.C
(21) 11202309649W (22) 31/03/2022
(54) CONTACTLESS RING-SHAPED SMART CARD
(31) 2021117422 (32) 16/06/2021 (33) RU
(86) PCT/RU2022/050108 (87) WO/2022/265535

(71) VEILED THERAPEUTICS LLC
(21) 11202309462W (22) 14/06/2022
(54) ACID-LABILE CHEMOTHERAPEUTIC PACLITAXEL BASED COMPOUNDS FOR THE TREATMENT OF CANCER
(31) 63/211,253 (32) 16/06/2021 (33) US
(86) PCT/US2022/033482 (87) WO/2022/266135

(71) VERILY LIFE SCIENCES LLC
(21) 10202303429T (22) 24/07/2019
(54) SYSTEMS AND METHODS FOR CONTINUOUS INSECT PUPAE SENSING
(31) 62/703,085 (32) 25/07/2018 (33) US
(31) 16/520,017 (32) 23/07/2019 (33) US

(71) VERSAMEB AG

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(21) 11202308658R (22) 22/06/2022
(54) COMPOSITIONS AND METHODS FOR MODULATING EXPRESSION OF GENES
(31) 63/213,829 (32) 23/06/2021 (33) US
(86) PCT/IB2022/000358 (87) WO/2022/269356

(71) VERSAMEB AG
(21) 11202308757V (22) 22/06/2022
(54) COMPOSITIONS AND METHODS FOR MODULATING EXPRESSION OF GENES
(31) 63/213,830 (32) 23/06/2021 (33) US
(86) PCT/IB2022/000344 (87) WO/2022/269349

(71) VERSANTIS AG
(21) 11202309817U (22) 29/06/2022
(54) UNSATURATED HYDROXAMIC ACID DERIVATIVES AND THEIR USE FOR THE TREATMENT AND PREVENTION OF AN AMMONIA-ASSOCIATED DISEASE OR DISORDER
(31) 21182587.2 (32) 29/06/2021 (33) EP
(86) PCT/IB2022/056066 (87) WO/2023/275790

(71) VERSUM MATERIALS US, LLC
(21) 10202303392W (22) 28/05/2020
(54) NEW GROUP V AND VI TRANSITION METAL PRECURSORS FOR THIN FILM DEPOSITION
(31) 62/857,650 (32) 05/06/2019 (33) US

(71) VIASAT, INC.
(21) 11202310005V (22) 09/06/2022
(54) COMMUNICATION PERFORMANCE MAPPING FOR PHASED ARRAY ANTENNAS
(31) 63/216,507 (32) 29/06/2021 (33) US
(86) PCT/US2022/032880 (87) WO/2023/278119

(71) VIASAT, INC.
(21) 11202310021U (22) 09/06/2022
(54) TECHNIQUES FOR PHASED ARRAY TERMINAL ANTENNA INSTALLATION
(31) 63/216,513 (32) 29/06/2021 (33) US
(86) PCT/US2022/032881 (87) WO/2023/278120

(71) VICORE PHARMA AB
(21) 11202309794S (22) 08/07/2022
(54) NEW SELECTIVE ANGIOTENSIN II COMPOUNDS
(31) 2109946.0 (32) 09/07/2021 (33) GB
(31) 2202664.5 (32) 25/02/2022 (33) GB

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(86) PCT/GB2022/051760	(87) WO/2023/281271	
(71) VICTAULIC COMPANY		
(21) 11202309408S	(22) 10/06/2022	
(54) CALIBRATED FLOW RATE SENSING AND FLOW CONTROL DEVICE		
(31) 63/212,209	(32) 18/06/2021	(33) US
(86) PCT/US2022/032929	(87) WO/2022/265920	
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 11202309267P	(22) 10/06/2022	
(54) HIERARCHICAL PERIODICITY DETECTION ON DYNAMIC GRAPHS SYSTEM AND METHOD		
(31) 63/209,183	(32) 10/06/2021	(33) US
(86) PCT/US2022/033022	(87) WO/2022/261447	
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 11202309313W	(22) 10/06/2022	
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANOMALY DETECTION IN MULTIVARIATE TIME SERIES		
(31) 63/209,139	(32) 10/06/2021	(33) US
(86) PCT/US2022/032984	(87) WO/2022/261420	
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 11202309314U	(22) 09/06/2022	
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR FEATURE ANALYSIS USING AN EMBEDDING TREE		
(31) 63/209,113	(32) 10/06/2021	(33) US
(86) PCT/US2022/032863	(87) WO/2022/261345	
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 10202303468T	(22) 12/06/2019	
(54) SYSTEM AND METHOD FOR AUTHORIZING A TRANSACTION		
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 11202309705Q	(22) 21/06/2022	
(54) METHOD AND SYSTEM FOR PROCESSING ACTION DATA		
(31) 63/213,397	(32) 22/06/2021	(33) US
(86) PCT/US2022/034393	(87) WO/2022/271738	
(71) VISA INTERNATIONAL SERVICE ASSOCIATION		
(21) 11202309706W	(22) 22/06/2022	

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(54) METHOD AND SYSTEM FOR INTEGRATING IDENTITY PROVIDER

(31) 63/213,644 (32) 22/06/2021 (33) US
(86) PCT/US2022/034566 (87) WO/2022/271856

(71) VOYAGER THERAPEUTICS, INC.

(21) 10202303461S (22) 15/12/2021
(54) TAU BINDING COMPOUNDS
(31) 63/126,024 (32) 16/12/2020 (33) US

(71) VROONG CO.,LTD.

(21) 11202309456U (22) 07/03/2022
(54) METHOD AND DEVICE FOR DE-IDENTIFYING LOCATION INFORMATION
(31) 10-2021-0091098 (32) 12/07/2021 (33) KR
(86) PCT/KR2022/003170 (87) WO/2023/286968

(71) WARME, David Michael

(21) 11202309796R (22) 22/07/2022
(54) COMPUTER-IMPLEMENTED METHODS AND SYSTEMS FOR STRENGTHENING VIOLATED
INEQUALITIES
(31) 63/225,111 (32) 23/07/2021 (33) US
(31) 63/245,326 (32) 17/09/2021 (33) US
(86) PCT/US2022/038039 (87) WO/2023/004129

(71) WEIHAI GUANGTAI AIRPORT EQUIPMENT CO., LTD.

(21) 11202309978S (22) 07/09/2022
(54) AUTOMATIC LEVELING DEVICE FOR CONVEYING PLATFORM AND LOADER
(31) 202111060958.6 (32) 10/09/2021 (33) CN
(31) 202222351986.X (32) 05/09/2022 (33) CN
(31) 202222353218.8 (32) 05/09/2022 (33) CN
(31) 202222351979.X (32) 05/09/2022 (33) CN
(86) PCT/CN2022/117636 (87) WO/2023/036202

(71) WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY

(21) 11202309123U (22) 29/04/2022
(54) CAR VECTOR EXPRESSING IMMUNE REGULATORY FACTOR AND APPLICATION THEREOF
(31) 202110481979.9 (32) 30/04/2021 (33) CN
(86) PCT/CN2022/090106 (87) WO/2022/228538

(71) WILMAR INTERNATIONAL LIMITED

(21) 11202309331R (22) 01/10/2021
(54) METHOD OF EXTRACTION AND FERMENTATION

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(86) PCT/SG2021/050596		(87) WO/2023/055287	
(71) WING AVIATION LLC			
(21) 11202309283W		(22) 07/09/2022	
(54) AUTOMATED ASSIGNMENT OF UAVS TO STAGING PADS			
(31) 17/521,574		(32) 08/11/2021	(33) US
(86) PCT/US2022/042744		(87) WO/2023/080950	
(71) WING AVIATION LLC			
(21) 11202309423V		(22) 25/05/2022	
(54) SYSTEMS AND METHODS FOR CONCURRENT MANAGEMENT OF MULTIPLE UNMANNED AIRCRAFT			
(31) 17/356,240		(32) 23/06/2021	(33) US
(86) PCT/US2022/030940		(87) WO/2022/271394	
(71) WING AVIATION LLC			
(21) 10202303602S		(22) 15/02/2019	
(54) PACKAGE LOADING MECHANISM			
(31) 15/899,214		(32) 19/02/2018	(33) US
(71) WUXI LITTLE SWAN ELECTRIC CO., LTD.			
(21) 11202309076S		(22) 30/07/2021	
(54) LIQUID STORAGE CASE ASSEMBLY AND LAUNDRY TREATMENT DEVICE			
(31) 202110604761.8		(32) 31/05/2021	(33) CN
(86) PCT/CN2021/109812		(87) WO/2022/252384	
(71) WUXI LITTLE SWAN ELECTRIC CO., LTD.			
(21) 11202309500W		(22) 11/05/2023	
(54) BASE AND CLOTHING TREATMENT DEVICE			
(31) 202210540760.6		(32) 17/05/2022	(33) CN
(31) 202221196807.3		(32) 17/05/2022	(33) CN
(86) PCT/CN2023/093534		(87) WO/2023/221858	
(71) WUXI LITTLE SWAN ELECTRIC CO., LTD.			
(21) 11202309599T		(22) 11/05/2023	
(54) CLEANING BASE AND CLEANING SYSTEM			
(31) 202210542287.5		(32) 17/05/2022	(33) CN
(31) 202221231616.6		(32) 17/05/2022	(33) CN
(86) PCT/CN2023/093551		(87) WO/2023/221859	
(71) WUXI LITTLE SWAN ELECTRIC CO., LTD.			

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(21) 11202309606Y	(22) 11/05/2023	
(54) PEDESTAL ASSEMBLY, PEDESTAL DEVICE AND LAUNDRY PROCESSING APPARATUS		
(31) 202210556574.1	(32) 17/05/2022	(33) CN
(31) 202221205231.2	(32) 17/05/2022	(33) CN
(86) PCT/CN2023/093632	(87) WO/2023/221874	
(71) XAP THERAPEUTICS LIMITED		
(21) 11202309304S	(22) 15/06/2022	
(54) METHODS AND COMPOSITIONS		
(31) 2108585.7	(32) 16/06/2021	(33) GB
(86) PCT/GB2022/051512	(87) WO/2022/263824	
(71) XTEND AI INC.		
(21) 11202309971X	(22) 26/06/2022	
(54) MODULAR FRAME FOR AN INTELLIGENT ROBOT		
(31) 63/216,539	(32) 30/06/2021	(33) US
(31) 63/233,837	(32) 17/08/2021	(33) US
(86) PCT/US2022/035039	(87) WO/2023/278284	
(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.		
(21) 10202303544Q	(22) 27/07/2018	
(54) MULTIPLE-STACK THREE-DIMENSIONAL MEMORY DEVICE AND FABRICATION METHOD THEREOF		
(71) YCCHEM CO., LTD.		
(21) 11202309393P	(22) 08/06/2022	
(54) SLURRY COMPOSITION FOR FINAL POLISHING OF SILICON WAFER FOR REDUCING NUMBER OF SURFACE DEFECTS AND HAZE AND FINAL POLISHING METHOD USING SAME		
(31) 10-2021-0089599	(32) 08/07/2021	(33) KR
(86) PCT/KR2022/008078	(87) WO/2023/282475	
(71) YOKOWO CO., LTD.		
(21) 11202309137Y	(22) 08/06/2022	
(54) SOCKET		
(31) 2021-104560	(32) 24/06/2021	(33) JP
(86) PCT/JP2022/023122	(87) WO/2022/270311	
(71) ZEDIRA GMBH		
(21) 11202309298X	(22) 30/06/2022	
(54) INHIBITORS OF TRANSGLUTAMINASES		

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(31) 21182956.9	(32) 30/06/2021	(33) EP
(31) 21183316.5	(32) 01/07/2021	(33) EP
(31) 63/217,783	(32) 02/07/2021	(33) US
(31) PCT/EP2021/086674	(32) 17/12/2021	(33) EP
(31) PCT/EP2022/065435	(32) 07/06/2022	(33) EP
(86) PCT/EP2022/068217	(87) WO/2023/275337	
(71) ZEDIRA GMBH		
(21) 11202309430Q	(22) 30/06/2022	
(54) INHIBITORS OF TRANSGLUTAMINASES		
(31) 21182956.9	(32) 30/06/2021	(33) EP
(31) 21183316.5	(32) 01/07/2021	(33) EP
(31) 63/217,783	(32) 02/07/2021	(33) US
(31) PCT/EP2021/086674	(32) 17/12/2021	(33) EP
(31) PCT/EP2022/065437	(32) 07/06/2022	(33) EP
(86) PCT/EP2022/068212	(87) WO/2023/275333	
(71) ZEDIRA GMBH		
(21) 11202309757Q	(22) 30/06/2022	
(54) INHIBITORS OF TRANSGLUTAMINASES		
(31) 21182956.9	(32) 30/06/2021	(33) EP
(31) 21183316.5	(32) 01/07/2021	(33) EP
(31) 63/217,783	(32) 02/07/2021	(33) US
(31) PCT/EP2021/086674	(32) 17/12/2021	(33) EP
(31) PCT/EP2022/065430	(32) 07/06/2022	(33) EP
(86) PCT/EP2022/068216	(87) WO/2023/275336	
(71) ZHANG, Dacheng		
(21) 10202303598R	(22) 11/10/2021	
(54) METHOD FOR CREATING NON-FUNGIBLE TOKEN BY APPARATUS FOR CONTRACT TRANSACTIONS		
(31) 202011104069.0	(32) 18/10/2020	(33) CN
(31) 202011457356.X	(32) 13/12/2020	(33) CN
(31) 202110132451.0	(32) 31/01/2021	(33) CN
(71) ZHEJIANG DAHUA TECHNOLOGY CO., LTD.		
(21) 11202309837X	(22) 29/10/2021	
(54) SYSTEMS AND METHODS FOR VIDEO ANALYSIS		
(31) 202110758806.7	(32) 05/07/2021	(33) CN
(86) PCT/CN2021/127622	(87) WO/2023/279597	
(71) ZHEJIANG DIGENA DIAGNOSIS TECHNOLOGY CO., LTD.		

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(21) 10202303247W (22) 16/11/2023
(54) SELF-RECOVERY HIGH-VOLTAGE PULSE DRIVER
(31) 202211503653.2 (32) 29/11/2022 (33) CN

(71) ZHEJIANG E-COMMERCE BANK CO., LTD.
(21) 11202310030T (22) 28/06/2022
(54) TASK PROCESSING SYSTEM, METHOD, AND APPARATUS
(31) 202111034591.0 (32) 03/09/2021 (33) CN
(86) PCT/CN2022/101887 (87) WO/2023/029701

(71) ZIGI CARMEL INITIATIVES & INVESTMENTS LTD
(21) 11202309414Q (22) 20/07/2022
(54) MEDICAL ADULT TOY
(31) 63/223,822 (32) 20/07/2021 (33) US
(86) PCT/IL2022/050783 (87) WO/2023/002485

(71) ZINPRO CORPORATION
(21) 11202308732R (22) 13/06/2022
(54) NEAT REACTION PRODUCT OF CALCIUM AND VOLATILE FATTY ACIDS AS NUTRITIONAL SUPPLEMENT FOR LIVESTOCK AND POULTRY
(31) 17/304,194 (32) 16/06/2021 (33) US
(86) PCT/US2022/033218 (87) WO/2022/265973

(71) ZS ELECTRIC AB
(21) 11202309941V (22) 07/07/2022
(54) CURRENT BOOSTER
(31) 2150913-8 (32) 08/07/2021 (33) SE
(86) PCT/SE2022/050700 (87) WO/2023/282841

(71) ZTE CORPORATION
(21) 11202309381X (22) 11/03/2022
(54) SYSTEMS AND METHODS FOR PUBLIC CHANNELS AND SIGNALS
(86) PCT/CN2022/080302 (87) WO/2023/168685

(71) ZTE CORPORATION
(21) 11202309404W (22) 24/04/2022
(54) INTERFERENCE COORDINATION AND MANAGEMENT IN WIRELESS COMMUNICATION
(86) PCT/CN2022/088866 (87) WO/2023/205982

(71) dob Studio, Inc.

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(21) 10202303586P	(22) 21/12/2023	
(54) METHOD AND APPARATUS FOR LEARNING ARTIFICIAL INTELLIGENCE LEARNING MODEL FOR IMAGE RECONSTRUCTION		
(31) 10-2022-0180535	(32) 21/12/2022	(33) KR
(31) 10-2023-0075846	(32) 13/06/2023	(33) KR

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10202302856R	LAM WEI JIE
10202303045T	LYELL IMMUNOPHARMA, INC.
10202303125W	INTEL CORPORATION
10202303157Y	RTX CORPORATION
10202303161V	SK hynix Inc.
10202303162W	RTX Corporation
10202303164R	RTX CORPORATION
10202303171U	Agency for Science, Technology and Research; Nanyang Technological University
10202303172X	EBARA Precision Machinery Europe GmbH
10202303174T	SK hynix Inc.
10202303177W	PRAXAIR S.T. TECHNOLOGY, INC.
10202303187P	National University of Singapore
10202303191T	GAZTRANSPORT ET TECHNIGAZ
10202303192S	LITE-ON SINGAPORE PTE. LTD.
10202303194V	Samsung Electronics Co., Ltd.
10202303197R	Agency for Science, Technology and Research
10202303199U	Samsung Electronics Co., Ltd.; STATS ChipPAC Pte. Ltd.

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10202303201P	CELULARITY, INC.
10202303202Y	HYUNDAI MOBIS CO., LTD.
10202303204Q	BECTON, DICKINSON AND COMPANY
10202303207X	LIM YI CHIAN; ANDY LIM JIA HAO; MAO XINGYU; GEREND TOMASOUW
10202303211Y	Nanyang Technological University
10202303212T	ORION CORPORATION
10202303214S	United Microelectronics Corp.
10202303217P	LAM RESEARCH CORPORATION
10202303219W	Forbidden Hill Pte Ltd.
10202303221V	AIR PRODUCTS AND CHEMICALS, INC.
10202303222W	Nanyang Technological University
10202303224R	REGENERON PHARMACEUTICALS, INC.
10202303227U	Nanyang Technological University
10202303229Q	ANGEL PLAYING CARDS CO., LTD.
10202303231S	Angel Playing Cards Co., Ltd.
10202303232Q	Agency for Science, Technology and Research

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10202303234U	MICROWAVE PACKAGING (S) PTE LTD
10202303237V	SK hynix Inc.
10202303239R	SPACECRAFT SEVEN, LLC
10202303241U	Hyundai Motor Company; Kia Corporation
10202303242X	National University of Singapore
10202303244T	GRABTAXI HOLDINGS PTE. LTD.
10202303247W	ZHEJIANG DIGENA DIAGNOSIS TECHNOLOGY CO., LTD.
10202303249P	REGENERON PHARMACEUTICALS, INC.
10202303251T	National University of Singapore
10202303253X	SK hynix Inc.
10202303255Q	Gilead Sciences, Inc.
10202303257R	HAI ROBOTICS CO., LTD.
10202303260Q	MERUS N.V.
10202303262U	Nanyang Technological University
10202303266S	UOP LLC
10202303268R	National University of Singapore
10202303271Q	Agency for Science, Technology and Research

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10202303273S	LZLABS GMBH
10202303275T	Singapore Polytechnic
10202303278W	CORNELL UNIVERSITY
10202303281R	MAGENTA THERAPEUTICS, INC.
10202303283V	TAIYO NIPPON SANSO CORPORATION
10202303285W	SK hynix Inc.
10202303288U	THE UNIVERSITY OF NEWCASTLE
10202303291X	DISCO CORPORATION
10202303293Y	UOP LLC
10202303295R	Samsonite IP Holdings S.à r.l.
10202303298S	Heraeus Materials Singapore Pte. Ltd.
10202303301U	HYUNDAI MOBIS CO., LTD.
10202303303Q	RECURIUM IP HOLDINGS, LLC
10202303305S	Lenz Therapeutics, Inc.
10202303308Y	VACCINEX, INC.
10202303311Q	MAS Innovation (Private) Limited
10202303313S	MAS Innovation (Private) Limited

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10202303315T	MAS Innovation (Private) Limited
10202303321W	MAS Innovation (Private) Limited
10202303323P	MAS Innovation (Private) Limited
10202303325X	MAS Innovation (Private) Limited
10202303328R	MAS Innovation (Private) Limited
10202303332S	GLOBAL BLOOD THERAPEUTICS, INC.
10202303333X	Alipay (Hangzhou) Information Technology Co., Ltd.; Alibaba (China) Co., Ltd.
10202303335Q	Agency for Science, Technology and Research; Nanyang Technological University
10202303339U	UNITED MICROELECTRONICS CORP.
10202303341X	REGENERON PHARMACEUTICALS, INC.
10202303343Y	QUALCOMM INCORPORATED
10202303345R	PHARMACYCLICS LLC
10202303349T	Nanyang Technological University; Durapower Holdings Pte. Ltd.
10202303351P	PURETECH LYT 100, INC.
10202303353R	Nanyang Technological University
10202303355U	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
10202303358V	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA

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10202303359S	Nanyang Technological University
10202303361Y	BenQ Materials Corporation
10202303365V	EDDY CURRENT LIMITED PARTNERSHIP
10202303369W	Nanyang Technological University
10202303376Q	Seagen Inc.
10202303377S	UNIVERSITÄT BERN
10202303378U	Hitachi, Ltd.
10202303379Y	ELTA SYSTEMS LTD.
10202303380P	LIGHTSPEED PHOTONICS PTE LTD
10202303381S	SK hynix Inc.
10202303383W	SK hynix Inc.
10202303384U	LightSpeed Photonics Pte Ltd
10202303385Y	Panasonic Intellectual Property Corporation of America
10202303386X	SCG Cement Company Limited
10202303387V	SAMSUNG ELECTRONICS CO., LTD.
10202303388T	Daimatu inc.
10202303389R	LIFE3 BIOTECH PTE. LTD.

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10202303390S	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
10202303391V	QUALCOMM INCORPORATED
10202303392W	VERSUM MATERIALS US, LLC
10202303393T	Doona Holdings Ltd.
10202303394R	ByHeart, Inc.
10202303395P	Nanyang Technological University
10202303396Y	Gradiant International Holdings Pte. Ltd.
10202303397U	QED THERAPEUTICS, INC.
10202303398X	ARENA PHARMACEUTICALS, INC.
10202303399Q	ACCREDIFY PTE. LTD.
10202303400S	BAYER AKTIENGESELLSCHAFT
10202303401V	SHENZHEN JINMO TECHNOLOGY CO., LTD.
10202303402W	BASF AS
10202303403T	SENJU METAL INDUSTRY CO., LTD.
10202303404R	SK hynix Inc.
10202303405P	ILLUMINA, INC.
10202303406Y	TRIO LABS, INC.

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10202303407U	Incyte Holdings Corporation
10202303408X	Schneider Electric USA, Inc.
10202303409Q	CHEN, Shih-Hsiung
10202303410Y	Itron, Inc.
10202303411T	ITRON, INC.
10202303412S	Kemin Industries, Inc.
10202303413X	Samsung Electronics Co., Ltd.
10202303414V	Nanyang Technological University
10202303415Q	Afton Chemical Corporation
10202303416W	Kajima Corporation
10202303417R	EAVOR TECHNOLOGIES INC.
10202303418P	SK hynix Inc.
10202303419U	HYUNDAI MOBIS CO., LTD.; SWECO INC.
10202303420U	ORINNO TECHNOLOGY PTE. LTD; NATIONAL ENVIRONMENT AGENCY
10202303422V	Kim Jae Hyun; J WON Tech. Corporation
10202303423Y	AIM IMMUNOTECH INC.

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10202303424W	ALLIUM BIOTECHNOLOGY PTE. LTD.
10202303425R	ITRON, INC.
10202303426P	NATIONAL UNIVERSITY OF SINGAPORE
10202303428S	GAZTRANSPORT ET TECHNIGAZ
10202303429T	VERILY LIFE SCIENCES LLC
10202303430R	UNITED MICROELECTRONICS CORP.
10202303431U	LIFE3 BIOTECH PTE. LTD.
10202303432X	LIFE3 BIOTECH PTE. LTD.
10202303433Q	TENON CONSTRUCTION PTE. LTD.
10202303434T	ADVANIDE HOLDINGS PTE. LTD.
10202303435S	National University of Singapore
10202303436V	National University of Singapore; Southern University of Science and Technology
10202303437W	MESO SCALE TECHNOLOGIES, LLC
10202303438Y	HUAWEI TECHNOLOGIES CO., LTD.
10202303439P	AUO Corporation
10202303440X	AZBIL CORPORATION
10202303441Y	Samsung Electronics Co., Ltd.

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10202303442T	SHIRE HUMAN GENETIC THERAPIES, INC.; ETHRIS GMBH
10202303443U	ABIOMED, INC.
10202303444S	GREEN RESOURCES ENVIRONMENTAL TECHNOLOGY (SINGAPORE) PTE. LTD.
10202303445V	GREEN RESOURCES ENVIRONMENTAL TECHNOLOGY (SINGAPORE) PTE. LTD.
10202303446R	TONIX PHARMA HOLDINGS LIMITED
10202303447P	NOVARTIS AG
10202303448Q	L'AIR LIQUIDE SOCIÉTÉ ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
10202303449W	Continental Automotive Technologies GmbH; NANYANG TECHNOLOGICAL UNIVERSITY
10202303451R	ABB SCHWEIZ AG
10202303454X	RUBEDO LIFE SCIENCES, INC.
10202303456Q	Singapore PharmaTech Pte. Ltd.
10202303458U	EBARA CORPORATION
10202303459Y	Tokyo Electron Limited
10202303460P	David Htun @ Kyi Htun
10202303461S	VOYAGER THERAPEUTICS, INC.

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10202303462Q	Singapore Health Services Pte Ltd
10202303464U	L'air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude
10202303466X	Aplos Machines Manufacturing (Shanghai) Co., Ltd
10202303468T	VISA INTERNATIONAL SERVICE ASSOCIATION
10202303469R	SERVATUS LTD
10202303471P	SAREPTA THERAPEUTICS, INC.; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES; UNIVERSITY OF MARYLAND; THE PROGERIA RESEARCH FOUNDATION
10202303472Y	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
10202303474Q	DAIFUKU CO., LTD.
10202303476T	GROUP IB TDS, LTD
10202303478V	Shin-Etsu Chemical Co., Ltd.
10202303479S	Shin-Etsu Chemical Co., Ltd.
10202303481W	INHIBRX, INC.
10202303483P	MORIMOTO, NOBUYOSHI
10202303484Y	Nanyang Technological University
10202303488R	GENZYME CORPORATION
10202303489V	ENTEGRIS, INC.

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10202303491Q	ILLUMINA, INC.
10202303492R	Evonik Oxeno GmbH & Co. KG
10202303494P	Grand Advance Technologies Pte Ltd
10202303496U	Tokyo Electron Limited
10202303499X	Agency for Science, Technology and Research
10202303501Y	Gaia Foods Pte. Ltd.
10202303502T	UNITED MICROELECTRONICS CORP.
10202303504S	Nanyang Technological University
10202303506R	Nanyang Technological University
10202303508Q	QUALCOMM INCORPORATED
10202303509W	Singapore Polytechnic
10202303511S	AEROCORE TECHNOLOGIES LLC
10202303514U	IMMATICS BIOTECHNOLOGIES GMBH
10202303516X	Nanyang Technological University
10202303518T	MEXICHEM FLUOR S.A. DE C.V.
10202303519R	Nanyang Technological University
10202303521U	THALES

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10202303522X	Samsung Electronics Co., Ltd.
10202303524T	Samsung Electronics Co., Ltd.
10202303528Y	National University of Singapore
10202303529P	DISCO CORPORATION
10202303531R	Bristol-Myers Squibb Company
10202303532P	EBARA CORPORATION
10202303534X	GINKGO BIOWORKS, INC.
10202303536Q	REGENERON PHARMACEUTICALS, INC.
10202303538U	AVM BIOTECHNOLOGY, LLC
10202303539Y	SHIN-ETSU CHEMICAL CO., LTD.
10202303541P	BEAM THERAPEUTICS INC.
10202303542Y	Evonik Oxeno GmbH & Co. KG
10202303544Q	YANGTZE MEMORY TECHNOLOGIES CO., LTD.
10202303546T	DYNE THERAPEUTICS, INC.
10202303548V	2D GENOMICS INC.
10202303549S	BECTON, DICKINSON AND COMPANY
10202303551V	Hitachi, Ltd.

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10202303552W	ASMPT SMT Singapore Pte. Ltd.
10202303554R	AEM SINGAPORE PTE. LTD.
10202303556Y	NATIONAL UNIVERSITY OF SINGAPORE
10202303558X	TENEOBIO, INC.
10202303561Q	Optimizer Plus Pte. Ltd.
10202303562R	BEAM THERAPEUTICS INC.
10202303564P	Evonik Oxeno GmbH & Co. KG
10202303566U	National University of Singapore
10202303568W	National University of Singapore
10202303569X	QUALCOMM INCORPORATED
10202303571T	Shopee IP Singapore Private Limited
10202303572S	Itron, Inc.
10202303574V	DISCO CORPORATION
10202303576W	IMMATICS BIOTECHNOLOGIES GMBH
10202303578P	NATIONAL UNIVERSITY OF SINGAPORE; NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD
10202303579U	KPR U.S., LLC

Applications for patents filed (Numerical Index) - cont'd

10202303581X	EBARA CORPORATION
10202303582V	AIM IMMUNOTECH INC.
10202303584W	EBARA CORPORATION
10202303586P	dob Studio, Inc.
10202303589T	Nanyang Technological University
10202303591W	THALES
10202303592U	NATIONAL UNIVERSITY OF SINGAPORE
10202303594Y	EBARA CORPORATION
10202303596S	CYBER-RIDGE LTD.
10202303598R	ZHANG, Dacheng
10202303599V	NITTA DuPont Incorporated
10202303601T	DISCO CORPORATION
10202303602S	WING AVIATION LLC
10202303604V	JUBILEE INTERNATIONAL BIOMEDICAL CO., LTD.
10202303606W	AppViewX Inc
10202303608P	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
10202303609U	EBARA CORPORATION

Applications for patents filed (Numerical Index) - cont'd

10202303611U	Itron, Inc.
10202303612X	EBARA CORPORATION
10202303614T	MAS Innovation (Private) Limited
10202303616V	Nanyang Technological University
10202303618Y	Grabtaxi Holdings Pte. Ltd.
10202303619P	The Boeing Company
10202303621Q	UNIVERSAL CITY STUDIOS LLC
10202303624P	LYELL IMMUNOPHARMA, INC.
10202303626U	PFETCH, INC.
10202303628W	PFETCH, INC.
10202303631V	LI Xiaoyan
10202303632W	SHIN-ETSU CHEMICAL CO., LTD.
10202303634R	SUN, Qianran; SUN, Qianhao; SUN, Weiya
10202303636Y	EBARA CORPORATION
10202303638X	TESARO, INC.
10202303639Q	ALPINE IMMUNE SCIENCES, INC.
10202303641W	EBARA CORPORATION

Applications for patents filed (Numerical Index) - cont'd

10202303642U	Samsung Electronics Co., Ltd.
10202303644Y	SAMSUNG ELECTRONICS CO., LTD.
10202303646S	LIFIKEYS TECHNOLOGY CORPORATION
10202303660T	STAYBILITY Corp.
10202303664X	PSYMPER PTE. LTD.
10202303678T	MADEBYFLINT Pte. Ltd.
10202303682Y	Agency for Science, Technology and Research
11202251954C	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202252660A	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202252807Q	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202252976J	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202253036B	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202253988R	Tencent Technology (Shenzhen) Company Limited
11202254025E	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254033C	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254035H	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254066F	CHANGXIN MEMORY TECHNOLOGIES, INC.

Applications for patents filed (Numerical Index) - cont'd

11202254070N	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254501Y	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254515Y	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254521U	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254651X	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202254803W	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202260141U	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202260270Y	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202260365W	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202300072Y	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202300155P	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202301087P	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202301610P	RESONAC CORPORATION
11202302626S	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202304680W	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202306300V	KARIO, Daniel; LEVY, Nir
11202306878V	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

Applications for patents filed (Numerical Index) - cont'd

11202307152V	MEIBAN INTERNATIONAL PTE. LTD.
11202307356V	BAKER, SCOTT
11202307681R	QUALCOMM INCORPORATED
11202307777W	ALGOCARE CORPORATION
11202307926P	APPLIED MATERIALS, INC.
11202308105P	HANMI PHARM. CO., LTD.
11202308196U	APPLIED MATERIALS, INC.; NATIONAL UNIVERSITY OF SINGAPORE
11202308217W	NATIONAL UNIVERSITY OF SINGAPORE; WILMAR INTERNATIONAL LIMITED
11202308249V	INSTITUTO NACIONAL DE INVESTIGACIONES NUCLEARES
11202308494T	CELGENE CORPORATION
11202308502Q	NOVARTIS AG
11202308527X	QIAGEN GMBH
11202308583S	HITACHI HIGH-TECH CORPORATION
11202308598U	APPLIED MATERIALS, INC.
11202308613T	EDWARDS JAPAN LIMITED
11202308658R	VERSAMEB AG

Applications for patents filed (Numerical Index) - cont'd

11202308666P	APPLIED MATERIALS, INC.
11202308696X	SHENZHEN ULIKE SMART ELECTRONICS CO., LTD.
11202308704Y	MITSUBISHI HEAVY INDUSTRIES POWER IDS CO., LTD.
11202308731Q	NEODYMOTORS GMBH
11202308732R	ZINPRO CORPORATION
11202308747S	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
11202308750P	CELGENE CORPORATION
11202308757V	VERSAMEB AG
11202308763Q	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202308775P	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202308780Y	CYTUNE PHARMA; SOTIO BIOTECH A.S.
11202308781T	RIGSHOSPITALET; UNIVERSITY OF COPENHAGEN
11202308790W	EDWARDS JAPAN LIMITED
11202308813S	CYTUNE PHARMA; SOTIO BIOTECH A.S.
11202308846P	CHANGXIN MEMORY TECHNOLOGIES, INC
11202308857X	NOUSCOM AG
11202308885Y	MICRO MOTION, INC.

Applications for patents filed (Numerical Index) - cont'd

11202308911S	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202308914U	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202308925S	GIVAUDAN SA
11202308938U	SCHOLAR ROCK, INC.
11202308950S	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202308952W	MERZ PHARMA GMBH & CO. KGAA
11202308961Q	INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES
11202308975Q	HANGZHOU ZHONGMEIHUADONG PHARMACEUTICAL CO., LTD.
11202308985R	BEIJING SINOTAU BIO-PHARMACEUTICALS TECHNOLOGY CO., LTD.
11202308990Q	KEWPIE CORPORATION; KEWPIE EGG CORPORATION
11202308996S	AMCOR FLEXIBLES NORTH AMERICA, INC.
11202309004P	Bodyfriend Co., Ltd.
11202309012P	GIVAUDAN SA
11202309018U	MITSUBISHI CHEMICAL CORPORATION
11202309023W	BAE SYSTEMS HÄGGLUNDS AKTIEBOLAG
11202309025Y	HUAWEI TECHNOLOGIES CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309029R	DOWA ECO SYSTEM CO., LTD.; AKITA UNIVERSITY
11202309034W	DEMATIC GMBH
11202309035R	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309036P	TB-SAFETY AG
11202309037Q	ENTRADA THERAPEUTICS, INC.
11202309040Y	HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.
11202309046W	JINGDONG TECHNOLOGY HOLDING CO., LTD.
11202309047R	EDWARDS LIMITED
11202309051Y	EDWARDS LIMITED
11202309052T	NESTE OYJ
11202309055V	MICAN TECHNOLOGIES INC.; JAPAN AS REPRESENTED BY THE DIRECTOR-GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES; OSAKA UNIVERSITY
11202309060W	HUAWEI TECHNOLOGIES CO., LTD.
11202309061P	MITSUI CHEMICALS TOHCELLO, INC.
11202309062Y	MEETFUTURE TECHNOLOGY (SHANGHAI) CO., LTD.
11202309065U	MITSUI CHEMICALS TOHCELLO, INC.
11202309069S	MITSUI CHEMICALS TOHCELLO, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309071W	LG CHEM, LTD.
11202309074Y	PROTERIAL, LTD.
11202309076S	WUXI LITTLE SWAN ELECTRIC CO., LTD.
11202309081V	CHANGXIN MEMORY TECHNOLOGIES, INC.
11202309084R	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309085P	HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.
11202309088X	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309090R	mitsui chemicals tohcello, inc.
11202309092X	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
11202309097W	mitsui chemicals tohcello, inc.
11202309099P	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.
11202309100Q	EUREGEN BIOPHARMA CO., LTD.; SHANGHAI YOULI BIOPHARMA CO., LTD.
11202309103P	mitsui chemicals tohcello, inc.
11202309108R	Tria Pte. Ltd.
11202309111X	TOKYO WOMEN'S MEDICAL UNIVERSITY
11202309114W	LG CHEM, LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309115R	KPX CHEMICAL CO., LTD
11202309117Q	GAZTRANSPORT ET TECHNIGAZ
11202309119T	BYONDIS B.V.
11202309120X	SUZHOU HUAZHAN SPACE APPLIANCE CO., LTD.
11202309123U	WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY
11202309124S	CASIO COMPUTER CO., LTD.
11202309127P	CASIO COMPUTER CO., LTD.
11202309135T	IMCYSE SA
11202309137Y	YOKOWO CO., LTD.
11202309138W	CJ CHEILJEDANG CORPORATION
11202309140T	PASQAL
11202309141R	LEONARDO S.P.A
11202309150P	NIPPON SHINYAKU CO., LTD.; NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY
11202309152Q	mitsubishi gas chemical company, inc.
11202309153W	SEAGEN INC.
11202309154U	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309156X	LEONARDO S.P.A
11202309159R	HUAWEI TECHNOLOGIES CO., LTD.
11202309160R	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
11202309161U	LG CHEM, LTD.
11202309166V	ALIPAY.COM CO., LTD.
11202309167W	SIGNTLE INC.
11202309168Y	GIVAUDAN SA
11202309169P	H.C. STARCK TUNGSTEN GMBH
11202309171V	GROK RENEWABLE ENERGY TECHNOLOGY CO., LTD
11202309174R	AKTSIONERNOE OBSHESTVO "ZENTORN"
11202309177U	SILTRONIC AG
11202309179Q	HANGZHOU HIKVISION SYSTEM TECHNOLOGY CO., LTD.
11202309181T	TOPPAN PHOTOMASK CO.,LTD.
11202309182S	GE HEALTHCARE LIMITED
11202309183X	BIO-TRIP B.V.
11202309185Q	FURUKAWA ELECTRIC CO., LTD.
11202309187R	KH NEOCHEM CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309189U	INEOS STYROLUTION GROUP GMBH
11202309190W	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
11202309191P	MITSUBISHI CHEMICAL CORPORATION
11202309193R	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309194Q	ENGIE
11202309202X	SHENZHEN HUACHENGDA PRECISION INDUSTRY CO.LTD.
11202309203Q	KOREA ATOMIC ENERGY RESEARCH INSTITUTE;INDUSTRY ACADEMY COOPERATION FOUNDATION OF SEJONG UNIVERSITY
11202309204T	RIDDLE & CODE GMBH
11202309205S	JURA ELEKTROAPPARATE AG
11202309208Y	H.C. STARCK TUNGSTEN GMBH
11202309209P	KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH
11202309216U	JINGDONG TECHNOLOGY INFORMATION TECHNOLOGY CO., LTD.
11202309217Y	SOITEC; COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
11202309220Q	DENALI THERAPEUTICS INC.
11202309225X	TECHNIP ENERGIES FRANCE

Applications for patents filed (Numerical Index) - cont'd

11202309227T	V-FLOW TECH PTE. LTD.
11202309228R	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309231T	CRRC ZHUZHOU LOCOMOTIVE CO., LTD.
11202309234V	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309235Q	SYSMAX INNOVATIONS CO., LTD.
11202309240U	ECOLANT CO., LTD.
11202309242V	LEONARDO S.P.A
11202309244W	NEUROCRINE BIOSCIENCES, INC.
11202309247Q	BIOLIFE SOLUTIONS, INC.
11202309248S	ONO PHARMACEUTICAL CO., LTD.
11202309253R	FACC AG
11202309257X	DAIKIN INDUSTRIES, LTD.
11202309258V	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309259S	APPLIED MATERIALS, INC.
11202309260X	EVONIK OPERATIONS GMBH
11202309261Y	BEIJING STREAM COMPUTING INC.
11202309262T	JURA ELEKTROAPPARATE AG

Applications for patents filed (Numerical Index) - cont'd

11202309264S	TUOHEY, Andrew
11202309265V	INVENTIO AG
11202309266R	HUAWEI TECHNOLOGIES CO., LTD.
11202309267P	VISA INTERNATIONAL SERVICE ASSOCIATION
11202309268Q	SAMSUNG ELECTRONICS CO., LTD.
11202309269W	HUAWEI TECHNOLOGIES CO., LTD.
11202309270T	TERRATICO, J.S.A.
11202309271R	ENTEGRIS, INC.
11202309272P	AMOGY INC.
11202309273V	EXXONMOBIL CHEMICAL PATENTS INC.
11202309274X	TERRATICO, J.S.A.
11202309275W	SHANGHAI MICROSTART PHOTOELECTRIC TECHNOLOGY CO., LTD
11202309276Q	HITACHI, LTD.
11202309277S	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
11202309278U	MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.
11202309279Y	UNIVERSITÉ CATHOLIQUE DE LOUVAIN

Applications for patents filed (Numerical Index) - cont'd

11202309280P	GRABTAXI HOLDINGS PTE. LTD.
11202309281S	TERRATICO, J.S.A.
11202309282Q	BAROPACE, INC.
11202309283W	WING AVIATION LLC
11202309284U	mitsubishi electric corporation
11202309285Y	EPIC SYSTEMS CO., LTD.
11202309286X	ANDURIL INDUSTRIES, INC.
11202309287V	SPARK THERAPEUTICS, INC.
11202309289R	NBTECH AB
11202309290S	INNOLAKE BIOPHARMA (HANGZHOU) CO., LTD.
11202309291V	FARMER-LIGHT HOLDING A/S
11202309292W	NORIA ENERGY
11202309293T	HANWHA OCEAN CO.,LTD.; HI AIR KOREA
11202309294R	NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS
11202309295P	SOLUGEN, INC.
11202309296Y	BECTON, DICKINSON AND COMPANY
11202309297U	NATCO PHARMA LIMITED

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11202309298X	ZEDIRA GMBH
11202309299Q	INTELLIA THERAPEUTICS, INC.
11202309300X	ALSTOM HOLDINGS
11202309301Y	FORESEE PHARMACEUTICALS CO., LTD.
11202309302T	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309303U	RPL HOLDINGS LTD
11202309304S	XAP THERAPEUTICS LIMITED
11202309305V	NANEXA AB
11202309306R	NANEXA AB
11202309307P	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309308Q	NANEXA AB
11202309309W	GRAPHITE INNOVATION AND TECHNOLOGIES INC
11202309310P	CHORUS, LLC; RADER, Richard, S.; HEATER, Kenneth, J.; DESABATO, Raymond; LORCH, Daniel, P.; LEWIS, Adriane, L.; WELLS, Timothy N.
11202309311S	EPICENTRX, INC.
11202309312Q	MAANSHAN IRON & STEEL CO., LTD
11202309313W	VISA INTERNATIONAL SERVICE ASSOCIATION

Applications for patents filed (Numerical Index) - cont'd

11202309314U	VISA INTERNATIONAL SERVICE ASSOCIATION
11202309315Y	CLARIANT INTERNATIONAL LTD
11202309316X	FLAGSHIP PIONEERING INNOVATIONS VII, LLC
11202309317V	PRIMROSE BIO, INC.
11202309318T	DOW GLOBAL TECHNOLOGIES LLC
11202309319R	INSTITUTIONAL CAPITAL NETWORK, INC.
11202309320R	PRIMROSE BIO, INC.
11202309321U	MERCK PATENT GMBH
11202309322X	DOW GLOBAL TECHNOLOGIES LLC
11202309323Q	BARDEX CORPORATION
11202309324T	NANEXA AB
11202309325S	IONIS PHARMACEUTICALS, INC.
11202309326V	DOW GLOBAL TECHNOLOGIES LLC
11202309327W	RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
11202309328Y	J-OIL MILLS, INC.
11202309329P	MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE

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11202309330T	EVONIK OPERATIONS GMBH
11202309331R	WILMAR INTERNATIONAL LIMITED
11202309332P	EVONIK OPERATIONS GMBH
11202309335W	CHUGAI SEIYAKU KABUSHIKI KAISHA
11202309336Q	GRABTAXI HOLDINGS PTE. LTD.
11202309337S	MIRONCOL DIAGNOSTICS, INC.
11202309338U	MEDIPHAGE BIOCEUTICALS, INC.
11202309339Y	BECTON, DICKINSON AND COMPANY
11202309340W	CHINA MOBILE IOT COMPANY LIMITED;CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
11202309341P	ANGEL GROUP CO., LTD.
11202309342Y	SOCIETE DES PRODUITS NESTLE S.A.
11202309343R	SOCIETE DES PRODUITS NESTLE S.A.
11202309344Q	BECTON, DICKINSON AND COMPANY
11202309345U	CHOI, Moonkwon
11202309347X	DEUTSCHE TELEKOM AG
11202309348V	KAWASAKI JUKOGYO KABUSHIKI KAISHA
11202309349S	FUJI OIL HOLDINGS INC.

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11202309350S	ATTENT AS
11202309351V	ATTENT AS
11202309352W	ATTENT AS
11202309353T	OMNIVISION SENSOR SOLUTION (SHANGHAI) CO., LTD.
11202309354R	GLOBALWAFERS CO., LTD.
11202309355P	BRISTOL-MYERS SQUIBB COMPANY
11202309356Y	KY7 INC.
11202309358X	HUAWEI TECHNOLOGIES CO., LTD.
11202309359Q	ILLUMINA, INC.
11202309360V	LEMON INC.
11202309361Q	AXON ENTERPRISE, INC.
11202309362R	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
11202309363S	ACCELLTA LTD.
11202309364P	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309365T	FMC AGRICULTURAL SOLUTIONS A/S
11202309366U	JINGDONG TECHNOLOGY INFORMATION TECHNOLOGY CO., LTD.

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11202309367Y	EEDI AUTOMATION PRIVATE LIMITED
11202309368W	CHUGAI SEIYAKU KABUSHIKI KAISHA
11202309369X	GLENMARK SPECIALTY S.A.
11202309370Y	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
11202309371T	NEWSOUTH INNOVATIONS PTY LIMITED
11202309373X	TOWA CORPORATION
11202309374V	CHIYODA CORPORATION
11202309375Q	CHIYODA CORPORATION
11202309376W	MEDIMMUNE LIMITED
11202309377R	HYPERTUNNEL IP LIMITED
11202309378P	ONCOPEPTIDES AB
11202309379U	CS GENETICS LIMITED
11202309380U	APPLIED MATERIALS, INC.
11202309381X	ZTE CORPORATION
11202309382V	GENENCELL CO., LTD.; UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY
11202309383Y	ALPHA-PROTEIN GMBH
11202309384W	JANSSEN PHARMACEUTICA NV

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11202309385R	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
11202309386P	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309387Q	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309388S	MEWT LLC
11202309389T	GLOBAL PREVENTIVE MEDICINE BIOTECH COMPANY LIMITED
11202309390Q	KOBELCO CONSTRUCTION MACHINERY CO., LTD.
11202309391W	BOREALIS AG
11202309392U	BOREALIS AG
11202309393P	YCCEM CO., LTD.
11202309394Y	F. HOFFMANN-LA ROCHE AG
11202309395X	CANON KABUSHIKI KAISHA
11202309396S	UPSIDE FOODS, INC.
11202309397T	SUMMIT BUILDING WASH TECHNOLOGIES LIMITED
11202309398R	NATIONAL UNIVERSITY OF SINGAPORE; SINGAPORE HEALTH SERVICES PTE LTD
11202309399V	MERCK PATENT GMBH
11202309400U	JAPAN ELECTRONIC MATERIALS CORPORATION

Applications for patents filed (Numerical Index) - cont'd

11202309401X	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309402V	ELIXIRGEN THERAPEUTICS, INC.
11202309403Y	CHEVRON ORONITE COMPANY LLC
11202309404W	ZTE CORPORATION
11202309405R	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
11202309406P	ARGONAUT THERAPEUTICS LIMITED
11202309407Q	HUAWEI TECHNOLOGIES CO., LTD.
11202309408S	VICTAULIC COMPANY
11202309411P	NUCLEUS MEDICAL GMBH
11202309412Y	INVENTIO AG
11202309413R	NATIONAL UNIVERSITY OF SINGAPORE
11202309414Q	ZIGI CARMEL INITIATIVES & INVESTMENTS LTD
11202309415U	SILTRONIC AG
11202309416T	BREX INC.
11202309417X	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
11202309418V	BREX INC.

Applications for patents filed (Numerical Index) - cont'd

11202309419S	FURUKAWA ELECTRIC CO., LTD.
11202309420T	LEONARDO S.P.A
11202309421R	HASEBE, Terumitsu;GLOBAL VASCULAR CO., LTD.
11202309422P	SYNACT PHARMA APS
11202309423V	WING AVIATION LLC
11202309424X	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
11202309425W	FURUKAWA ELECTRIC CO., LTD.
11202309426Q	DOW GLOBAL TECHNOLOGIES LLC
11202309427S	SINGNERGY CORPORATION PTE. LTD.
11202309428U	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.;JIANGXI JEMINCARE GROUP CO., LTD.
11202309429Y	ACT IDENTITY TECHNOLOGY LIMITED
11202309430Q	ZEDIRA GMBH
11202309431W	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
11202309432U	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD
11202309433P	ASML NETHERLANDS B.V.
11202309434Y	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.

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11202309435X	ACHILLES THERAPEUTICS UK LIMITED
11202309436S	HUAWEI TECHNOLOGIES CO., LTD.
11202309437T	SUN, Chi Chun
11202309438R	REGENERON PHARMACEUTICALS, INC.
11202309439V	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
11202309440P	TRISTEL PLC
11202309441S	THE SCRIPPS RESEARCH INSTITUTE
11202309444U	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309445Y	CIXI SHUANGWEI ROAD FACILITIES CO., LTD.
11202309446X	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
11202309447V	CJ CHEILJEDANG CORPORATION
11202309449R	ACM RESEARCH (SHANGHAI) , INC.
11202309452R	OTSUKA PHARMACEUTICAL CO., LTD.
11202309453S	ACM RESEARCH (SHANGHAI) , INC.
11202309454P	LEMON INC.
11202309455T	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
11202309456U	VROONG CO.,LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309457Y	DAEWOONG PHARMACEUTICAL CO., LTD.
11202309458W	GENZYME CORPORATION
11202309459X	REGENERON PHARMACEUTICALS, INC.
11202309460S	POW SARL-S
11202309461V	SANOFI
11202309462W	VEILED THERAPEUTICS LLC
11202309463T	ASHVATTHA THERAPEUTICS, INC.
11202309464R	BANGOR UNIVERSITY
11202309465P	SPARK THERAPEUTICS, INC.
11202309466Y	ERASCA, INC.
11202309467U	AIR PRODUCTS AND CHEMICALS, INC.
11202309468X	AIR PRODUCTS AND CHEMICALS, INC.
11202309469Q	CINCOR PHARMA, INC.
11202309470R	AIR PRODUCTS AND CHEMICALS, INC.
11202309471U	AIR PRODUCTS AND CHEMICALS, INC.
11202309472X	REGENERON PHARMACEUTICALS, INC.
11202309473Q	AIR PRODUCTS AND CHEMICALS, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309474T	TRISTEL PLC
11202309475S	APNIMED, INC. (DELAWARE)
11202309476V	ACADIA PHARMACEUTICALS INC.
11202309477W	FUSION PHARMACEUTICALS INC.
11202309478Y	REGENERON PHARMACEUTICALS, INC.
11202309479P	ARKEMA FRANCE
11202309480X	ALLYSTA PHARMACEUTICALS, INC.
11202309481Y	MIND MEDICINE, INC.
11202309482T	COAGULO MEDICAL TECHNOLOGIES, INC.
11202309483U	REGENERON PHARMACEUTICALS, INC.
11202309484S	AERIE PHARMACEUTICALS, INC.
11202309485V	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309486R	INTEGRAL GEOMETRY SCIENCE INC.
11202309487P	RAZER (ASIA-PACIFIC) PTE. LTD.
11202309488Q	EKRA AUTOMATISIERUNGSSYSTEME GMBH
11202309489W	ARKEMA FRANCE
11202309490Y	EISAI R&D MANAGEMENT CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309491T	B. BRAUN MELSUNGEN AG
11202309492S	UNIVERSITY OF MASSACHUSETTS; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
11202309493X	GRADIANT CORPORATION
11202309494V	CJ CHEILJEDANG CORPORATION
11202309495Q	MITSUBISHI HEAVY INDUSTRIES, LTD.
11202309496W	MITSUBISHI HEAVY INDUSTRIES, LTD.
11202309497R	RAVI, Kavitha
11202309498P	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
11202309499U	KONINKLIJKE DOUWE EGBERTS B.V.
11202309500W	WUXI LITTLE SWAN ELECTRIC CO., LTD.
11202309501P	UNITEC FOODS CO., LTD.
11202309502Y	NANYANG TECHNOLOGICAL UNIVERSITY
11202309503R	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
11202309504Q	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
11202309505U	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
11202309506T	HAPPYMIND CO., LTD

Applications for patents filed (Numerical Index) - cont'd

11202309507X	BOREALIS AG
11202309509S	UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA
11202309510X	DISCGENICS, INC.
11202309511Y	ISRAEL AEROSPACE INDUSTRIES LTD.
11202309512T	ACURASTEM, INC.
11202309513U	SUNTORY HOLDINGS LIMITED
11202309514S	MITSUBISHI HEAVY INDUSTRIES, LTD.
11202309515V	HUAWEI TECHNOLOGIES CO., LTD.
11202309516R	EBARA CORPORATION
11202309517P	GENENTECH, INC.
11202309518Q	GENZYME CORPORATION
11202309519W	CAPITAL ONE SERVICES, LLC.
11202309520S	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309521V	MITSUBISHI HEAVY INDUSTRIES, LTD.
11202309522W	GEOMAX PROJECT KFT.
11202309524R	APPLIED MATERIALS, INC.
11202309525P	ALNYLAM PHARMACEUTICALS, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309526Y	KONINKLIJKE DOUWE EGBERTS B.V.
11202309528X	MIYOSHI OIL & FAT CO.,LTD.
11202309529Q	REGENERON PHARMACEUTICALS, INC.
11202309530P	REGENERON PHARMACEUTICALS, INC.
11202309531S	OUROTECH, INC.
11202309532Q	MACDERMID ENTHONE INC.
11202309533W	FMC CORPORATION
11202309534U	JOHANN WOLFGANG GOETHE-UNIVERSITÄT FRANKFURT
11202309535Y	ASTRAL NEUTRONICS LTD
11202309536X	BASF SE
11202309537V	REGENERON PHARMACEUTICALS, INC.
11202309538T	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
11202309539R	INTERDIGITAL PATENT HOLDINGS, INC.
11202309540R	REGENERON PHARMACEUTICALS, INC.
11202309541U	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309542X	GENERATION BIO CO.

Applications for patents filed (Numerical Index) - cont'd

11202309544T	ILLUMINA, INC.
11202309545S	GILEAD SCIENCES, INC.
11202309546V	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
11202309547W	TOPPAN PHOTOMASK CO.,LTD.
11202309548Y	NETFLIX, INC.
11202309549P	REGENERON PHARMACEUTICALS, INC.
11202309550Y	ROXTEC AB
11202309551T	SANOFI
11202309552S	SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.
11202309554V	KALIVIR IMMUNOTHERAPEUTICS, INC.
11202309555Q	GIVAUDAN SA
11202309556W	TOYOBO CO., LTD.
11202309558P	BECTON, DICKINSON AND COMPANY
11202309559U	JPMORGAN CHASE BANK, N.A.
11202309560Q	J-OIL MILLS, INC.
11202309561W	J-OIL MILLS, INC.
11202309562U	ILLUMINA, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309563P	GAZTRANSPORT ET TECHNIGAZ
11202309564Y	RESONAC CORPORATION
11202309565X	B. BRAUN MELSUNGEN AG
11202309566S	FONTERRA CO-OPERATIVE GROUP LIMITED
11202309567T	NANOTEMPER TECHNOLOGIES GMBH
11202309568R	BASF SE; DOW GLOBAL TECHNOLOGIES LLC
11202309569V	IPG PHOTONICS CORPORATION
11202309570V	IPG PHOTONICS CORPORATION
11202309571Q	KYOTO UNIVERSITY; SUMITOMO PHARMA CO., LTD.
11202309572R	SAMSUNG ELECTRONICS CO., LTD.
11202309574P	ENERVENUE INC.
11202309575T	REGENERON PHARMACEUTICALS, INC.
11202309576U	EBARA CORPORATION
11202309578W	SUPRÊME
11202309579X	OXFORD BIOMEDICA SOLUTIONS LLC
11202309580T	MAHIDOL UNIVERSITY; RMA AUTOMOTIVE CO., LTD.
11202309581R	GVWT ENERGY PTE LTD

Applications for patents filed (Numerical Index) - cont'd

11202309582P	SHAFFER, Lisa
11202309583V	CENTRO DE INMUNOLOGÍA MOLECULAR
11202309584X	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309585W	TAKAMITSU SANGYOU CO., LTD.
11202309586Q	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309587S	TOWA CORPORATION
11202309588U	BLUEPRINT MEDICINES CORPORATION
11202309589Y	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309590U	PEPTRON, INC.
11202309591X	ACM RESEARCH (SHANGHAI) , INC.
11202309592V	SUMITOMO SEIKA CHEMICALS CO., LTD.
11202309593Y	REMEGEN CO., LTD.
11202309594W	IMMUNICOM, INC.
11202309595R	ELTA SYSTEMS LTD.
11202309596P	ASAHI KASEI KABUSHIKI KAISHA
11202309597Q	NEMATIQ IP PTY LTD
11202309598S	SUMITOMO CHEMICAL COMPANY, LIMITED

Applications for patents filed (Numerical Index) - cont'd

11202309599T	WUXI LITTLE SWAN ELECTRIC CO., LTD.
11202309601V	RASA INDUSTRIES, LTD.
11202309602W	COOPERVISION INTERNATIONAL LIMITED
11202309603T	UOP LLC
11202309604R	BP CORPORATION NORTH AMERICA INC.
11202309605P	NEMATIQ IP PTY LTD
11202309606Y	WUXI LITTLE SWAN ELECTRIC CO., LTD.
11202309607U	COOPERVISION INTERNATIONAL LIMITED
11202309608X	ROXTEC AB
11202309609Q	ERASCA, INC.
11202309610Y	BOLT BIOTHERAPEUTICS, INC.
11202309612S	ALPHA TAU MEDICAL LTD.
11202309613X	ALPHA TAU MEDICAL LTD.
11202309614V	PFIZER INC.
11202309616W	SYNPROMICS LIMITED; ASKLEPIOS BIOPHARMACEUTICAL, INC.
11202309619U	BP CORPORATION NORTH AMERICA, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309620U	APPLIED MATERIALS, INC.
11202309621X	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309622V	NCHAIN LICENSING AG
11202309624W	ELEMENT BIOSCIENCES, INC.
11202309625R	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309631U	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309636V	ARRAY BIOPHARMA INC.
11202309637W	BÜHLER AG
11202309638Y	BEIJING INNOCARE PHARMA TECH CO., LTD.
11202309639P	HUAWEI TECHNOLOGIES CO., LTD.
11202309640X	CHASE THERAPEUTICS CORPORATION
11202309641Y	BTL MEDICAL DEVELOPMENT A.S.
11202309642T	TREEFROG THERAPEUTICS
11202309643U	CONTI INNOVATION CENTER, LLC
11202309644S	SENTI BIOSCIENCES, INC.
11202309645V	AMGEN INC.

Applications for patents filed (Numerical Index) - cont'd

11202309646R	AXON ENTERPRISE, INC.
11202309647P	ELEMENT BIOSCIENCES, INC.
11202309648Q	KOKUSAI ELECTRIC CORPORATION
11202309649W	VEGA PAY INFORMATION TECHNOLOGY NETWORK SERVICES L.L.C
11202309650T	MEIRAGTX UK II LIMITED
11202309651R	SPACE SHIFT, INC.
11202309652P	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309653V	NOVO NORDISK A/S
11202309654X	ADJUVANT HOLDINGS CO.,LTD.
11202309655W	NOVO NORDISK A/S
11202309656Q	ADJUVANT HOLDINGS CO.,LTD.
11202309657S	APPLIED MATERIALS, INC.
11202309658U	CAPITAL ONE SERVICES, LLC
11202309659Y	AIR GARDEN SMARTS PTY LTD
11202309660P	SHENZHEN SENIOR TECHNOLOGY MATERIAL CO., LTD.
11202309661S	ENLIGHTEN-AFRICA (SHENZHEN) BIOTECHNOLOGY CO., LTD.
11202309662Q	ANDRITZ AG

Applications for patents filed (Numerical Index) - cont'd

11202309663W	ADJUVANT HOLDINGS CO.,LTD.
11202309664U	KIMURA, Kenjiro
11202309665Y	US NANO FOOD & DRUG INC
11202309666X	CHINA MOBILE IOT COMPANY LIMITED;CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
11202309668T	TRUSTEES OF TUFTS COLLEGE
11202309669R	GIVAUDAN SA
11202309670W	EPICRISPR BIOTECHNOLOGIES, INC.
11202309672Y	APPLIED MATERIALS, INC.
11202309673R	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
11202309674Q	SHENZHEN SENIOR TECHNOLOGY MATERIAL CO., LTD.; JIANGSU SENIOR NEW MATERIAL TECHNOLOGY CO., LTD
11202309675U	EMPIRICO INC.
11202309676T	LG CHEM, LTD.
11202309677X	TOTALENERGIES ONETECH
11202309678V	EMPIRICO INC.
11202309679S	LG CHEM, LTD.
11202309681W	ONCONOVA THERAPEUTICS, INC.

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11202309683P	MINGHUI PHARMACEUTICAL (HANGZHOU) LTD.; MINGHUI PHARMACEUTICAL (SHANGHAI) LTD.
11202309684Y	CAPITAL ONE SERVICES, LLC
11202309685X	HUAWEI TECHNOLOGIES CO., LTD.
11202309686S	MANDAJI, Narsimha Chary
11202309687T	HUAWEI TECHNOLOGIES CO., LTD.
11202309688R	BRIGGS AND RILEY TRAVELWARE, LLC
11202309689V	ALIGOS THERAPEUTICS, INC.
11202309690V	CSO CO. LTD.
11202309691Q	LAEKNA THERAPEUTICS SHANGHAI CO., LTD.
11202309692R	FATE THERAPEUTICS, INC.
11202309694P	GLOBALWAFERS CO., LTD.
11202309695T	GLOBALWAFERS CO., LTD.
11202309696U	GLOBALWAFERS CO., LTD.
11202309697Y	MICROSOFT TECHNOLOGY LICENSING, LLC
11202309698W	TORXX KINETIC PULVERIZER LIMITED
11202309699X	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

Applications for patents filed (Numerical Index) - cont'd

11202309700Y	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.; ANT BLOCKCHAIN TECHNOLOGY (SHANGHAI) CO., LTD.
11202309701T	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
11202309702S	TORXX KINETIC PULVERIZER LIMITED
11202309703X	BEHR, Peter; BEHR, Daniel
11202309704V	KITE PHARMA, INC.
11202309705Q	VISA INTERNATIONAL SERVICE ASSOCIATION
11202309706W	VISA INTERNATIONAL SERVICE ASSOCIATION
11202309707R	MITOPOWER LLC
11202309708P	CHEVRON U.S.A. INC.
11202309709U	MASTERCARD TECHNOLOGIES CANADA ULC
11202309710R	NANYANG TECHNOLOGICAL UNIVERSITY
11202309711U	BEIGENE SWITZERLAND GMBH
11202309712X	NANYANG TECHNOLOGICAL UNIVERSITY
11202309713Q	ABIOMED, INC.
11202309714T	STRATA ONCOLOGY, INC.
11202309715S	FLÜHS DREHTECHNIK GMBH

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11202309716V	STRATA ONCOLOGY, INC.
11202309717W	STRATA ONCOLOGY, INC.
11202309718Y	JW PHARMACEUTICAL CORPORATION
11202309719P	ROQUETTE FRERES
11202309722R	FUJIFILM CORPORATION
11202309723S	FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
11202309725T	DEBIOPHARM INTERNATIONAL S.A.
11202309727Y	HALLIBURTON ENERGY SERVICES, INC.
11202309728W	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309730S	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309731V	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309732W	COOPERVISION INTERNATIONAL LIMITED
11202309733T	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309734R	NIPPON STEEL CORPORATION
11202309735P	FUJI OIL HOLDINGS INC.
11202309736Y	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

Applications for patents filed (Numerical Index) - cont'd

11202309737U	ETAVOLT PTE LTD
11202309738X	EARLENS CORPORATION
11202309739Q	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
11202309740Q	INOVIO PHARMACEUTICALS, INC.
11202309741W	CHEVRON U.S.A. INC.
11202309742U	SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.
11202309743P	REMONI TECHNOLOGIES RO SRL
11202309744Y	NEUROCRINE BIOSCIENCES, INC.
11202309746S	MESH BIO PTE. LTD.
11202309747T	HUAWEI TECHNOLOGIES CO., LTD.
11202309748R	SCIPHER MEDICINE CORPORATION
11202309749V	SEMPERIT AG HOLDING
11202309750U	ORION CORPORATION
11202309751X	SUNTORY HOLDINGS LIMITED
11202309752V	BL TECHNOLOGIES, INC.
11202309753Y	PHONONIC, INC.
11202309754W	PHONONIC, INC.

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11202309755R	JOINT STOCK COMPANY «BIOCAD»
11202309757Q	ZEDIRA GMBH
11202309759T	MARS, INCORPORATED
11202309760T	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309761R	NIPPON MICROMETAL CORPORATION
11202309762P	NIPPON MICROMETAL CORPORATION
11202309763V	IHI CORPORATION
11202309765W	HUAWEI TECHNOLOGIES CO., LTD.
11202309766Q	ASTRAZENECA AB; MITSUBISHI TANABE PHARMA CORPORATION
11202309767S	ELECTRO SCIENTIFIC INDUSTRIES, INC.
11202309771S	ASCLETIS BIOSCIENCE CO., LTD
11202309772Q	ALFA LAVAL CORPORATE AB
11202309774U	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309776X	ENTEGRIS, INC.
11202309777V	CRRC ZHUZHOU LOCOMOTIVE CO., LTD.
11202309779R	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.

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11202309780W	PAYPAL, INC.
11202309782Y	LAM RESEARCH CORPORATION
11202309783R	AIRSPACE TECHNOLOGIES, INC.
11202309785U	MATERION CORPORATION
11202309786T	SOLUGEN, INC.
11202309788V	NOVOCURE GMBH
11202309789S	MEXICHEM FLUOR S.A. DE C.V.
11202309790X	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
11202309792T	HOYA CORPORATION
11202309793U	BASF SE; DOW GLOBAL TECHNOLOGIES LLC
11202309794S	VICORE PHARMA AB
11202309795V	TENAYA THERAPEUTICS, INC.
11202309796R	WARME, David Michael
11202309798Q	ISRAEL AEROSPACE INDUSTRIES LTD.
11202309799W	NUCTECH COMPANY LIMITED; TSINGHUA UNIVERSITY
11202309801R	MEDSHINE DISCOVERY INC.
11202309805W	HALLIBURTON ENERGY SERVICES, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309806Q	COHERENT BIOPHARMA (SUZHOU) , LIMITED
11202309808U	SUNTORY HOLDINGS LIMITED
11202309809Y	MERCK PATENT GMBH
11202309811V	SUNTORY HOLDINGS LIMITED
11202309813T	CAPITAL ONE SERVICES, LLC
11202309814R	HANGZHOU GENLIGHT MEDTECH CO., LTD.
11202309815P	SCIPHER MEDICINE CORPORATION
11202309817U	VERSANTIS AG
11202309820Y	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309821T	FEI DEUTSCHLAND GMBH
11202309823X	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309824V	GIKEN LTD.
11202309825Q	INSTANT BRANDS HOLDINGS INC.
11202309826W	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309827R	KNAUF GIPS KG
11202309828P	TRACKONOMY SYSTEMS, INC.
11202309829U	BIOVERATIV THERAPEUTICS INC.

Applications for patents filed (Numerical Index) - cont'd

11202309830W	B. BRAUN MELSUNGEN AG
11202309831P	JPMORGAN CHASE BANK, N.A.
11202309833R	ALBERT EINSTEIN COLLEGE OF MEDICINE
11202309834Q	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309835U	GILGAMESH PHARMACEUTICALS, INC.
11202309837X	ZHEJIANG DAHUA TECHNOLOGY CO., LTD.
11202309839S	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
11202309841Q	IC ANALYTICA, LLC
11202309842R	ALNYLAM PHARMACEUTICALS, INC.
11202309843S	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309845T	NIPPON MICROMETAL CORPORATION
11202309846U	JUVENA THERAPEUTICS, INC.
11202309848W	THREEBOND CO., LTD.
11202309849X	ELI LILLY AND COMPANY
11202309850Q	BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD.
11202309852U	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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11202309853P	NANOPLANET RESEARCH INSTITUTE LTD.
11202309854Y	ATHIRA PHARMA, INC.
11202309856S	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
11202309859V	KAO CORPORATION
11202309861X	HUAWEI TECHNOLOGIES CO., LTD.
11202309864W	CARGILL, INCORPORATED
11202309866P	ILLUMINA, INC.
11202309869T	MESO SCALE TECHNOLOGIES, LLC.
11202309871Y	CAPITAL ONE SERVICES, LLC
11202309873U	AMGEN INC.
11202309874S	INVENTIO AG
11202309875V	IQM FINLAND OY
11202309877P	NORTEK AIR SOLUTIONS CANADA, INC.
11202309879W	ENTEGRIS, INC.
11202309880R	IC ANALYTICA, LLC
11202309882X	4E THERAPEUTICS, INC.
11202309883Q	SHANGHAI VITALGEN BIOPHARMA CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309884T	THYMMUNE THERAPEUTICS, INC.
11202309886V	HARPOON THERAPEUTICS, INC.
11202309887W	6K INC.
11202309888Y	ELI LILLY AND COMPANY
11202309889P	GILARDONI S.P.A
11202309890P	ORTHONU, LLC
11202309891S	TOSHIBA CARRIER (THAILAND) CO., LTD.
11202309893W	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309894U	CAMBRIDGE ENTERPRISE LIMITED
11202309896X	CHUGAI SEIYAKU KABUSHIKI KAISHA
11202309898T	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202309899R	FISHER & PAYKEL HEALTHCARE LIMITED
11202309901S	GANNEX PHARMA CO., LTD.
11202309903W	MASTERCARD INTERNATIONAL INCORPORATED
11202309904U	LIN, Chih Hung
11202309906X	CEDILLA THERAPEUTICS, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309912U	ST ENGINEERING ADVANCED MATERIAL ENGINEERING PTE. LTD.
11202309913P	ALPHA TAU MEDICAL LTD.
11202309916S	TECHNISCHE UNIVERSITÄT MÜNCHEN
11202309917T	REGENERON PHARMACEUTICALS, INC.
11202309918R	REGENERON PHARMACEUTICALS, INC.
11202309919V	REGENERON PHARMACEUTICALS, INC.
11202309920W	REGENERON PHARMACEUTICALS, INC.
11202309921P	ASML NETHERLANDS B.V.
11202309924Q	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
11202309925U	RESNENT, LLC
11202309930X	PLEXIUM, INC.
11202309932T	KITE PHARMA, INC.
11202309937P	NOF CORPORATION
11202309939W	ALIPAY.COM CO., LTD.
11202309940S	DR OPHELIA LIMITED
11202309941V	ZS ELECTRIC AB
11202309942W	ONENESS BIOTECH CO., LTD.

Applications for patents filed (Numerical Index) - cont'd

11202309943T	IONTRA INC
11202309945P	JANSSEN PHARMACEUTICALS, INC.
11202309948X	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309949Q	QUANTOOM BIOSCIENCES S.A.
11202309951U	CRRC QINGDAO SIFANG CO., LTD.
11202309954T	GENERATION BIO CO.
11202309955S	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309962S	THE SPEARHEAD GROUP
11202309963X	ILLUMINA, INC.
11202309964V	NATIONAL INSTITUTE OF TECHNOLOGY; SUMITOMO CHEMICAL COMPANY, LIMITED
11202309965Q	ILLUMINA, INC.
11202309966W	ILLUMINA, INC.
11202309967R	LANDIS+GYR TECHNOLOGY, INC.
11202309968P	AMGEN INC.
11202309969U	ACCELERON PHARMA INC.
11202309970U	HANGZHOU UNOGEN BIOTECH, LTD

Applications for patents filed (Numerical Index) - cont'd

11202309971X	XTEND AI INC.
11202309972V	CODAGENIX INC.; SERUM INSTITUTE OF INDIA PRIVATE LIMITED
11202309974W	SHENZHEN CELLBRI BIO-INNOVATION TECHNOLOGY CO., LTD.
11202309976P	4BASEBIO, S.L.U.; 4BASEBIO UK LTD
11202309977Q	LIGHTCAST DISCOVERY LTD
11202309978S	WEIHAI GUANGTAI AIRPORT EQUIPMENT CO., LTD.
11202309982R	SOCIETE DES PRODUITS NESTLE S.A.
11202309983S	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309984P	SOCIETE DES PRODUITS NESTLE S.A.
11202309986U	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
11202309988W	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202309989X	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202309991R	ELPIS BIOPHARMACEUTICALS
11202309992P	ASTRAZENECA PHARMACEUTICALS LP
11202309993V	ASTRAZENECA PHARMACEUTICALS LP
11202309994X	ILLUMINA, INC.
11202309995W	ILLUMINA, INC.

Applications for patents filed (Numerical Index) - cont'd

11202309996Q	ILLUMINA, INC.
11202309998U	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202310000X	TRIOPTICS GMBH
11202310002T	ABB SCHWEIZ AG
11202310003U	TEN CATE THIOLON B.V.
11202310005V	VIASAT, INC.
11202310009W	E2 TECHNOLOGIES, LLC
11202310012Q	GREEN LI-ION PTE. LTD
11202310013W	BECTON, DICKINSON AND COMPANY
11202310014U	APPLIED MATERIALS, INC.
11202310015Y	BECTON, DICKINSON AND COMPANY
11202310016X	BECTON, DICKINSON AND COMPANY
11202310017V	NSMART TRADING LIMITED
11202310018T	10XBETA
11202310019R	BECTON, DICKINSON AND COMPANY
11202310020R	BECTON, DICKINSON AND COMPANY
11202310021U	VIASAT, INC.

Applications for patents filed (Numerical Index) - cont'd

11202310022X	BECTON, DICKINSON AND COMPANY
11202310023Q	TSINGHUA UNIVERSITY; NUCTECH COMPANY LIMITED
11202310027W	SUEZ INTERNATIONAL; RESOURSEAS S.R.L.
11202310028Y	D3 BIO (WUXI) CO., LTD.
11202310030T	ZHEJIANG E-COMMERCE BANK CO., LTD.
11202310031R	ILLUMINA, INC.
11202310032P	ILLUMINA, INC.
11202310033V	ILLUMINA, INC.
11202310034X	ILLUMINA, INC.
11202310035W	ILLUMINA, INC.
11202310036Q	ILLUMINA, INC.
11202310037S	ILLUMINA, INC.
11202310049S	MORPHOSYS AG
11202310050S	LIFE MOLECULAR IMAGING LIMITED
11202310051V	BIOBOT SURGICAL PTE LTD
11202310052W	MACROGENICS, INC.
11202310053T	CUREVAC SE

Applications for patents filed (Numerical Index) - cont'd

11202310057U	123LASH PTE LIMITED
11202310064P	ILLUMINA, INC.
11202310065T	NOVATIQ TECHNOLOGIES LIMITED
11202310067Y	ILLUMINA, INC.
11202310069X	SYNAURA BIOTECHNOLOGY (SHANGHAI) CO., LTD.
11202400002R	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

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This index lists, in alphabetical order of applicant name, the names of applicants and inventors for the applications the publication of which is announced in this issue of the Journal.

Each entry in the index under the name of the applicant provides the following information: the name(s) of the applicant(s); the application number allotted to the application; the filing date of the application; the title of the invention; priority details (if any); the names of inventors; the agent/representative for the application (if any).

(71) 2D GENOMICS INC.

(21) 10202303548V (22) 10/11/2017

(54) METHODS FOR PROCESSING NUCLEIC ACID SAMPLES

(31) 62/421,028 (32) 11/11/2016 (33) US

(31) 62/477,211 (32) 27/03/2017 (33) US

(72) BIBILLO, Arkadiusz; PATEL, Pranav

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) ABB Schweiz AG

(21) 10202301790P (22) 22/06/2023

(54) A MOTION CONTROL SYSTEM AND CONTROLLERS FOR A MARINE VESSEL

(31) 22182300.8 (32) 30/06/2022 (33) EP

(72) Michael LUNDH;Jonas LINDER;Hamid FEYZMAHDAVIAN

(74) MARKS & CLERK SINGAPORE LLP

(71) ABIOMED, INC.

(21) 10202303443U (22) 08/12/2021

(54) SYSTEMS AND METHODS FOR DETERMINING POSITIONING OF INTRACARDIAC DEVICES

(31) 63/123,576 (32) 10/12/2020 (33) US

(72) ALMEDHYCHY, Ali, Hassan; CHAKRABARTI, Anjan, K.

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) AEROCORE TECHNOLOGIES LLC

(21) 10202303511S (22) 02/10/2014

(54) CLEANING METHOD FOR JET ENGINE

(31) 61/885,777 (32) 02/10/2013 (33) US

(31) 61/900,749 (32) 06/11/2013 (33) US

(72) SAENZ, Jorge, Ivan

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) AEROGEL R&D PTE. LTD.

(21) 10202250123G (22) 10/06/2022

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Name Index) - cont'd

(54) Intumescent Sheet used in an Electric Vehicle Battery for Thermal Runaway Management
(72) PARK JONG CHUL; SHEIK MOHAMED ANEES S/O SHIEK ABDUL FAROOK; NG BAO YI; NEO HUI YI
(74) RODYK & DAVIDSON LLP

(71) AIM IMMUNOTECH INC.
(21) 10202303423Y (22) 25/11/2019
(54) METHODS FOR IMPROVING EXERCISE TOLERANCE IN MYALGIC ENCEPHALOMYELITIS PATIENTS
(31) 62/778,935 (32) 13/12/2018 (33) US
(72) STRAYER, David, R.; YOUNG, Diane, L.; EQUELS, Thomas, K.
(74) Amica Law LLC

(71) AIM IMMUNOTECH INC.
(21) 10202303582V (22) 20/12/2019
(54) COMPOSITIONS AND METHODS FOR CANCER THERAPY
(31) 62/783,834 (32) 21/12/2018 (33) US
(31) 62/792,760 (32) 15/01/2019 (33) US
(31) 62/792,765 (32) 15/01/2019 (33) US
(31) 62/869,909 (32) 02/07/2019 (33) US
(31) 62/885,143 (32) 09/08/2019 (33) US
(72) STRAYER, David, R.; EQUELS, Thomas, K.
(74) Amica Law LLC

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 10202301548T (22) 31/05/2023
(54) DATA PROCESSING METHODS, APPARATUSES, AND DEVICES
(31) 202210717493.5 (32) 17/06/2022 (33) CN
(72) WU, Chao; WAN, Xiaofei; XIN, Zhi
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 10202301867S (22) 30/06/2023
(54) METHODS AND APPARATUSES FOR TRAINING USER CLASSIFICATION MODEL AND USER CLASSIFICATION PROCESSING METHODS AND APPARATUSES
(31) 202210756065.3 (32) 29/06/2022 (33) CN
(72) ZHU, Dingyuan; WANG, Daixin; ZHANG, Zhiqiang; ZHOU, Jun
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) ALPINE IMMUNE SCIENCES, INC.
(21) 10202303639Q (22) 03/01/2019
(54) MULTI-DOMAIN IMMUNOMODULATORY PROTEINS AND METHODS OF USE THEREOF

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Name Index) - cont'd

- (31) 62/613,378 (32) 03/01/2018 (33) US
(31) 62/733,622 (32) 19/09/2018 (33) US
(72) SWANSON, Ryan
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) ANAM145
(21) 10202301608R (22) 07/06/2023
(54) PORTABLE ELECTRONIC DEVICE FOR CRYPTOCURRENCY TRANSACTIONS
(31) 10-2022-0069425 (32) 08/06/2022 (33) KR
(72) LEE, JUNGHEE;SIM, JUNSIK
(74) Henry Goh (S) Pte Ltd
- (71) ANGEL PLAYING CARDS CO., LTD.
(21) 10202303229Q (22) 25/10/2018
(54) RECOGNITION SYSTEM
(31) 2017-219634 (32) 15/11/2017 (33) JP
(72) SHIGETA Yasushi
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) APPEX NETWORKS PTE. LTD.
(21) 10202301781U (22) 21/06/2023
(54) TOKEN MANAGEMENT AND INFORMATION FORWARDING METHODS AND APPARATUSES,
DEVICE, AND STORAGE MEDIUM
(31) CN202210708083.4 (32) 22/06/2022 (33) CN
(72) Yongdong WANG; Guibin HUA; Hao ZHUANG; Yunpeng CHEN
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) APPEX NETWORKS PTE. LTD.
(21) 10202301782X (22) 21/06/2023
(54) TOKEN MANAGEMENT AND INFORMATION SENDING METHODS AND APPARATUSES,
ELECTRONIC DEVICE, AND STORAGE MEDIUM
(31) 202210708218.7 (32) 22/06/2022 (33) CN
(72) Yongdong WANG; Guibin HUA; Yunpeng CHEN
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) APPEX NETWORKS PTE. LTD.
(21) 10202301794U (22) 22/06/2023
(54) METHOD, APPARATUS AND SYSTEM FOR SENDING AND RECEIVING DATE MESSAGES BY
MULTIPLE SENDING AND SELECTIVELY RECEIVING
(31) 202210715959.8 (32) 23/06/2022 (33) CN
(72) WANG Yongdong;HUA Guibin;CAO Zhenli;HUANG Shengbo
(74) MARKS & CLERK SINGAPORE LLP

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Name Index) - cont'd

(71) APPEX NETWORKS PTE. LTD.

(21) 10202301838X (22) 27/06/2023

(54) METHOD AND SYSTEM FOR DISTRIBUTED MANAGEMENT AND CONTROL

(31) 202210756724.3 (32) 30/06/2022 (33) CN

(72) Yongdong WANG;Shengbo HUANG;Qing'an ZOU;Zhenli CAO

(74) MARKS & CLERK SINGAPORE LLP

(71) ARENA PHARMACEUTICALS, INC.

(21) 10202303398X (22) 27/01/2011

(54) PROCESSES FOR THE PREPARATION OF (R)-2-(7-(4-CYCLOPENTYL-3-(TRIFLUOROMETHYL)BENZYLOXY)-1,2,3,4-TETRAHYDROCYCLOPENTA[B]INDOL-3-YL)ACETIC ACID AND SALTS THEREOF

(31) 61/336,835 (32) 27/01/2010 (33) US

(72) MONTALBAN, Antonio Garrido ; BUZARD, Daniel John ; DEMATTEI, John Aldo ; GHARBAOUI, Tawfik ; JOHANNSEN, Stephen Robert ; KRISHNAN, Ashwin M. ; KUHLMAN, Young Mi ; MA, You-An ; MARTINELLI, Michael John ; SATO, Suzanne Michiko ; SENGUPTA, Dipanjan

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) ASMPT SMT Singapore Pte. Ltd.

(21) 10202301500U (22) 26/05/2023

(54) ALIGNMENT OF SINGULATED SUBSTRATES

(31) 2209248.0 (32) 23/06/2022 (33) GB

(72) Keith Michael HANSFORD; Simon Stuart PAPE

(74) DREW & NAPIER LLC

(71) ASMPT Singapore Pte. Ltd.

(21) 10202301331S (22) 12/05/2023

(54) DIELECTRIC BARRIER DISCHARGE PLASMA GENERATOR

(31) 202210642604.0 (32) 08/06/2022 (33) CN

(72) QI Jun; MENG Hao; CHEN Zheng; DU Yi Dong; HE Li Dong

(74) DREW & NAPIER LLC

(71) AVM BIOTECHNOLOGY, LLC

(21) 10202303538U (22) 14/11/2019

(54) STABLE GLUCOCORTICOID FORMULATION

(31) 62/767,448 (32) 14/11/2018 (33) US

(72) DEISHER, Theresa;JARZYNA, Adalbert;DUNCAN, Iain

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Afton Chemical Corporation

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- (21) 10202301740V (22) 19/06/2023
(54) Phosphorus Antiwear System For Improved Gear Protection
(31) 17/844315 (32) 20/06/2022 (33) US
(72) BAKER, John Marshall
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Agency for Science, Technology and Research
(21) 10202301390U (22) 18/05/2023
(54) ZEOLITIC IMIDAZOLATE FRAMEWORK COATED ZINC COMPOSITE AS ANTIMICROBIAL MATERIAL
(31) 10202250146M (32) 13/06/2022 (33) SG
(72) Zhang Yugen;Riduan Siti Nurhanna Bte
(74) CHINA SINDA INTELLECTUAL PROPERTY PTE. LTD.
- (71) Agile Biz Tech Pte Ltd;Pang You Hin
(21) 10202250247Y (22) 21/06/2022
(54) SYSTEM AND METHOD FOR MONITORING PURITY OF FLUID
(72) Pang You Hin;Ng Hock Wah;Kho Hwee Lay Wendy;Lim Boom Tom
(74) PINTAS-IPHOUSE PTE. LTD.
- (71) Alipay (Hangzhou) Information Technology Co., Ltd.
(21) 10202301520T (22) 30/05/2023
(54) Method And Apparatus For Training Relationship Recognition Model And Method And Apparatus For Analyzing Image
(31) 202210698004.6 (32) 20/06/2022 (33) CN
(72) DONG, Xingning; CHENG, Yuan
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Alipay (Hangzhou) Information Technology Co., Ltd.
(21) 10202301521R (22) 30/05/2023
(54) Methods And Apparatuses For Training Prediction Model
(31) 202210694769.2 (32) 20/06/2022 (33) CN
(72) ZHANG, Wenpeng; GU, Lihong; ZHANG, Guannan; GU, Jinjie; ZHONG, Wenliang
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Alipay (Hangzhou) Information Technology Co., Ltd.
(21) 10202301527S (22) 30/05/2023
(54) METHODS AND SYSTEMS FOR RECOGNIZING DISGUISED DEVICE
(31) 202210717214.5 (32) 23/06/2022 (33) CN
(72) LEI Xinxin; CHEN Jinfu; WAN Xiaofei
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

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- (71) Alipay (Hangzhou) Information Technology Co., Ltd.
 (21) 10202301542Q (22) 31/05/2023
 (54) Resource Allocation Methods And Apparatuses
 (31) 202210674620.8 (32) 15/06/2022 (33) CN
 (72) Jia Yan; Jun Zhou; Quan Yu; Zhigang Hua; Yanming Fang; Jing Wang; Min Wang; Wenbo Shen
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Alipay (Hangzhou) Information Technology Co., Ltd.
 (21) 10202301865W (22) 30/06/2023
 (54) METHODS, SYSTEMS, AND NON-TRANSITORY STORAGE MEDIA FOR GRAPHICS MEMORY ALLOCATION
 (31) 202210748218.X (32) 29/06/2022 (33) CN
 (72) MEI Xiaofeng; ZHANG Yao; ZHAO Junping
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Angel Playing Cards Co., Ltd.
 (21) 10202303231S (22) 15/11/2018
 (54) RECOGNITION SYSTEM
 (31) 2017-219634 (32) 15/11/2017 (33) JP
 (72) SHIGETA, Yasushi
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Applied Science Venture (SGP) Pte Ltd
 (21) 10202250079D (22) 07/06/2022
 (54) VENTILATED WINDOW STRUCTURE
 (72) HO Kian Cheong
 (74) MARKS & CLERK SINGAPORE LLP
- (71) BASF AS
 (21) 10202303402W (22) 05/12/2018
 (54) FATTY ACID DERIVATIVES FOR TREATING NON-ALCOHOLIC STEATOHEPATITIS
 (31) 20171944 (32) 06/12/2017 (33) NO
 (31) 20171945 (32) 06/12/2017 (33) NO
 (31) 62/743,013 (32) 09/10/2018 (33) US
 (72) STEINEGER, Hilde Hermansen; FRASER, David Alan; SKJÆRET, Tore
 (74) DREW & NAPIER LLC
- (71) BATO KOSUKE
 (21) 10202250100B (22) 08/06/2022
 (54) A HYDRO-ENERGY CAPTURE SYSTEM

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(72) BATO KOSUKE

(74) ALLIED INTUIT PTE. LTD.

(71) BAYER AKTIENGESELLSCHAFT

(21) 10202303400S (22) 18/04/2019

(54) NOVEL HETEROARYL-TRIAZOLE AND HETEROARYL-TETRAZOLE COMPOUNDS AS PESTICIDES

(31) 18169333.4 (32) 25/04/2018 (33) EP

(31) 18188221.8 (32) 09/08/2018 (33) EP

(31) 18207519.2 (32) 21/11/2018 (33) EP

(72) ARLT, Alexander; HALLENBACH, Werner; SCHWARZ, Hans-Georg; FÜSSLEIN, Martin; WROBLOWSKY, Heinz-Juergen; BUSCATO ARSEQUELL, Estella; LINKA, Marc; ILG, Kerstin; DAMIJONAITIS, Arunas Jonas; EBBINGHAUS-KINTSCHER, Ulrich; GÖRGENS, Ulrich; CANCHO GRANDE, Yolanda; JESCHKE, Peter; TELSNER, Joachim; HEISLER, Iring; TURBERG, Andreas

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) BEAM THERAPEUTICS INC.

(21) 10202303541P (22) 13/02/2020

(54) MODIFIED IMMUNE CELLS HAVING ADENOSINE DEAMINASE BASE EDITORS FOR MODIFYING A NUCLEOBASE IN A TARGET SEQUENCE

(31) 62/805,271 (32) 13/02/2019 (33) US

(31) 62/852,228 (32) 23/05/2019 (33) US

(31) 62/852,224 (32) 23/05/2019 (33) US

(31) 62/931,722 (32) 06/11/2019 (33) US

(31) 62/941,569 (32) 27/11/2019 (33) US

(31) 62/941,523 (32) 27/11/2019 (33) US

(31) 62/966,526 (32) 27/01/2020 (33) US

(72) GAUDELLI, Nicole; PACKER, Michael; SLAYMAKER, Ian; YU, Yi; ZETSCHKE, Bernd; BORN, David A.; LEE, Seung-Joo; GEHRKE, Jason M.

(74) PIZZEYS PTE. LTD.

(71) BEAM THERAPEUTICS INC.

(21) 10202303562R (22) 20/12/2021

(54) NANOMATERIALS COMPRISING ESTER-LINKED ACETALS

(31) 63/128,680 (32) 21/12/2020 (33) US

(31) 63/223,971 (32) 20/07/2021 (33) US

(31) 63/287,390 (32) 08/12/2021 (33) US

(72) PATWARDHAN, Neeraj Narendra; HAMILTON, Gregory Lawrence; SAGO, Cory Dane; SHEHATA, Mina Fawzy; CHHABRA, Milloni Balwantkumar; CAMPBELL, Elizabeth Anne

(74) FPA PATENT ATTORNEYS ASIA PTE. LTD.

(71) BECTON, DICKINSON AND COMPANY

(21) 10202303204Q (22) 19/09/2019

(54) PINCH CLAMP

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- (31) 62/741,382 (32) 04/10/2018 (33) US
(31) 16/573,709 (32) 17/09/2019 (33) US
(72) HU, Olivia; SONDEREGGER, Ralph L.; STALEY, Shaun
(74) DREW & NAPIER LLC
- (71) BECTON, DICKINSON AND COMPANY
(21) 10202303549S (22) 06/09/2018
(54) PERIPHERAL INTRAVENOUS CATHETERS HAVING FLOW DIVERTING FEATURES
(31) 15/716,812 (32) 27/09/2017 (33) US
(72) BIHLMAIER, Bryan; BURKHOLZ, Jonathan Karl; WANG, Bin
(74) DREW & NAPIER LLC
- (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
(21) 10202303608P (22) 21/05/2020
(54) RADIOTHERAPEUTIC MICROSPHERES
(31) 62/851,915 (32) 23/05/2019 (33) US
(72) PHILLIPS, William T.; BITAR, Ryan
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Bristol-Myers Squibb Company
(21) 10202303531R (22) 02/11/2017
(54) BISPECIFIC ANTIBODY AGAINST BCMA AND CD3 AND AN IMMUNOLOGICAL DRUG FOR COMBINED USE IN TREATING MULTIPLE MYELOMA
(31) 16196874.8 (32) 02/11/2016 (33) EP
(72) VU, Minh Diem; STREIN, Klaus; PAIVA, Bruno David Lourenço; SAN MIGUEL IZQUIERDO, Jesús Fernando
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) Bruker Switzerland AG
(21) 10202301869Y (22) 30/06/2023
(54) GAS RETAINING ION GUIDE WITH AXIAL ACCELERATION
(31) 17/854,940 (32) 30/06/2022 (33) US
(72) Urs STEINER; Felician MUNTEAN
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) ByHeart, Inc.
(21) 10202303394R (22) 30/11/2018
(54) FORMULATIONS FOR NUTRITIONAL SUPPORT IN SUBJECTS IN NEED THEREOF
(31) 15/829,703 (32) 01/12/2017 (33) US
(72) BELLDEGRUN, Ron; FUNT, Mia
(74) MARKS & CLERK SINGAPORE LLP

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Name Index) - cont'd

- (71) CELULARITY, INC.
(21) 10202303201P (22) 16/11/2018
(54) CULTIVATION OF PLACENTA TO ISOLATE EXOSOMES
(31) 62/587,335 (32) 16/11/2017 (33) US
(72) YE, Qian
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) CENTURY WATER SYSTEMS & TECHNOLOGIES PTE LTD
(21) 10202250316E (22) 28/06/2022
(54) METHOD OF MANUFACTURING NANOFILTRATION MEMBRANE AND SYSTEM THEREFOR
(72) Zhang Junyou; Liu Jun; Wang Wanghua
(74) PYPRUS PTE LTD
- (71) CORNELL UNIVERSITY
(21) 10202303278W (22) 22/06/2017
(54) DOUBLE TARGETED CONSTRUCTS TO AFFECT TUMOR KILL
(31) 62/353,735 (32) 23/06/2016 (33) US
(72) BABICH, John W.; KELLY, James M.; AMOR-COARASA, Alejandro; PONNALA, Shashikanth
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) CueZen Inc.
(21) 10202301707S (22) 15/06/2023
(54) SYSTEM AND METHOD FOR FACILITATING COMPLIANCE AND BEHAVIORAL ACTIVITY VIA SIGNALS DRIVEN BY ARTIFICIAL INTELLIGENCE
(31) 10202250173Q (32) 15/06/2022 (33) SG
(72) Jodi Jia Fang CHIAM; Aloysius Shao Qin LIM; Hooi LI; Sunil SHINDE; Ankur TEREDESAI
(74) DREW & NAPIER LLC
- (71) DISCO CORPORATION
(21) 10202301342X (22) 15/05/2023
(54) WORKPIECE GRINDING METHOD
(31) 2022-094055 (32) 10/06/2022 (33) JP
(72) Aki TAKAHASHI; Takuya MIHARA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) DISCO CORPORATION
(21) 10202301506P (22) 29/05/2023
(54) TAPE AFFIXING APPARATUS
(31) 2022-091454 (32) 06/06/2022 (33) JP
(72) Kunishige SUZUKI
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

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(71) DISCO CORPORATION
(21) 10202301507Q (22) 29/05/2023
(54) PROCESSING APPARATUS
(31) 2022-095216 (32) 13/06/2022 (33) JP
(72) Koichi SHIGEMATSU; Shuichiro TSUKIJI
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) DISCO CORPORATION
(21) 10202301572X (22) 05/06/2023
(54) GRINDING APPARATUS
(31) 2022-098584 (32) 20/06/2022 (33) JP
(72) Yuto MAEDA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) DISCO CORPORATION
(21) 10202301573Q (22) 05/06/2023
(54) VERIFICATION METHOD FOR DEVICE CHIPS
(31) 2022-098739 (32) 20/06/2022 (33) JP
(72) Masaru NAKAMURA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) DISCO CORPORATION
(21) 10202301574T (22) 05/06/2023
(54) POSITIONING METHOD
(31) 2022-099554 (32) 21/06/2022 (33) JP
(72) Yoshimasa KOJIMA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) DISCO CORPORATION
(21) 10202301666V (22) 13/06/2023
(54) PROCESSING EQUIPMENT
(31) 2022-098906 (32) 20/06/2022 (33) JP
(72) Satoshi YAMANAKA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) DISCO CORPORATION
(21) 10202301771Y (22) 21/06/2023
(54) CHIP FABRICATION METHOD
(31) 2022-106350 (32) 30/06/2022 (33) JP
(72) Taro ARAKAWA
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

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(71) DYNE THERAPEUTICS, INC.

(21) 10202303546T (22) 30/12/2021

(54) MUSCLE TARGETING COMPLEXES AND USES THEREOF FOR TREATING MYOTONIC DYSTROPHY

(31) 63/133,013 (32) 31/12/2020 (33) US

(31) 63/179,100 (32) 23/04/2021 (33) US

(31) 63/245,262 (32) 17/09/2021 (33) US

(72) SUBRAMANIAN, Romesh, R.; WEEDEN, Timothy; DESJARDINS, Cody, A.; ZANOTTI, Stefano; TANG, Kim; QATANANI, Mohammed, T.; QUINN, Brendan; NAJIM, John

(74) MARKS & CLERK SINGAPORE LLP

(71) EAVOR TECHNOLOGIES INC.

(21) 10202303417R (22) 28/05/2019

(54) METHOD FOR FORMING HIGH EFFICIENCY GEOTHERMAL WELLBORES

(31) 62/693,950 (32) 04/07/2018 (33) US

(31) 62/714,674 (32) 04/08/2018 (33) US

(72) TOEWS, Matthew; CAIRNS, Paul; ANDREWS, Peter; CURTIS-SMITH, Andrew; HALE, Jonathan

(74) NANYANG LAW LLC

(71) EBARA CORPORATION

(21) 10202303612X (22) 20/08/2020

(54) ELASTIC MEMBRANE AND SUBSTRATE HOLDING APPARATUS

(31) 2019-156987 (32) 29/08/2019 (33) JP

(31) 2019-156988 (32) 29/08/2019 (33) JP

(72) Cheng CHENG; Shingo TOGASHI; Makoto FUKUSHIMA; Kazuto HIROKAWA

(74) LEE & LEE

(71) EDDY CURRENT LIMITED PARTNERSHIP

(21) 10202303365V (22) 04/12/2015

(54) TRANSMISSIONS INCORPORATING EDDY CURRENT BRAKING

(31) 701549 (32) 04/12/2014 (33) NZ

(72) DIEHL, Andrew Karl; HILL, Weston; WALTERS, Dave

(74) Amica Law LLC

(71) ELTA SYSTEMS LTD.

(21) 10202303379Y (22) 13/12/2021

(54) POSITIONING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT UTILIZING INPUTS FROM GEOSTATIONARY COMMUNICATION SATELLITES

(31) 279913 (32) 31/12/2020 (33) IL

(72) FIREAIZEN, Moshe; LIPKIN, Yiftah; RAZON, Aharon; ELMAKIAS, Michael

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

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- (71) ENTEGRIS, INC.
(21) 10202303489V (22) 08/07/2020
- (54) OXYHALIDE PRECURSORS
(31) 62/871,956 (32) 09/07/2019 (33) US
(72) ERMERT, David M.; WRIGHT, JR., Robert; BAUM, Thomas H.; HENDRIX, Bryan C.
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) ETA GREEN POWER LIMITED
(21) 10202301614W (22) 08/06/2023
- (54) A MOTOR CONTROL CONTROLLER SYSTEM AND METHODS
(31) 2208546.8 (32) 10/06/2022 (33) GB
(72) Liam BOWMAN; Alistair CHEESEMAN
(74) MCLAUGHLIN IP PTE. LTD.
- (71) ETAVOLT PTE. LTD.
(21) 10202250065Q (22) 06/06/2022
- (54) Turnkey fully integrated indoor solutions for solar panel recycling
(72) Cheryldine Lim Qiu Xuan; Ling Zhi Peng; So Yong Heng; Stanley Wang Chang-Kai
(74) W.P. LAI & COMPANY
- (71) ETAVOLT PTE. LTD.
(21) 10202250066F (22) 06/06/2022
- (54) DECENTRALISED, MODULAR SOLAR MODULE RECYCLING SOLUTION
(72) Cheryldine Lim Qiu Xuan; Ling Zhi Peng; So Yong Heng; Stanley Wang Chang-Kai
(74) W.P. LAI & COMPANY
- (71) EXFO Oy
(21) 10202301537T (22) 31/05/2023
- (54) METHOD AND APPARATUS FOR IDENTITY COLLECTION
(31) 63/354,777 (32) 23/06/2022 (33) US
(31) 63/416,132 (32) 14/10/2022 (33) US
(72) Jukka KEMPPAINEN
(74) DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(21) 10202303355U (22) 21/12/2021
- (54) METHOD FOR CLEANING A FILTER MODULE, AND FILTER MODULE FOR CARRYING OUT SAID METHOD
(31) 10 2020 134 427.9 (32) 21/12/2020 (33) DE
(72) HEINZ, Thomas; REITER, Sven; WEHMEYER, Wolfgang; WIESEN, Gerhard
(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

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- (71) Fengshuo WANG
(21) 10202250851Q (22) 29/08/2022
(54) UWB-BASED LOW-DELAY LOSSLESS DIGITAL AUDIO TRANSMISSION UNIT AND SYSTEM,
AND ELECTRONIC DEVICE
(31) 202221533222.6 (32) 20/06/2022 (33) CN
(72) Fengshuo WANG
(74) CHINAHONGKONG IP LIMITED
- (71) Fujitsu Limited;Japan Medical Device Corporation;UT-Heart Inc.
(21) 10202301731P (22) 19/06/2023
(54) THREE-DIMENSIONAL SHAPE DATA GENERATION PROGRAM, THREE-DIMENSIONAL
SHAPE DATA GENERATION METHOD, AND INFORMATION PROCESSING APPARATUS
(31) 2022-106014 (32) 30/06/2022 (33) JP
(72) Jinse SHIMO; Kazuo MINAMI; Shuichi CHIBA; Yoshihiko TOKUMARU; Takafumi OKANO; Seiryu
SUGIURA; Jun-ichi OKADA; Toshiaki HISADA; Takumi WASHIO; Masahiro WATANABE; Yasutomo
SHIMIZU
(74) Donaldson & Burkinshaw LLP
- (71) GENERAL ELECTRIC COMPANY
(21) 10202301277T (22) 09/05/2023
(54) COMPOSITE COMPONENTS AND METHODS FOR PREVENTING FLOW FROM INFILTRATED
COMPONENT DURING RE-INFILTRATION
(31) 17/851,269 (32) 28/06/2022 (33) US
(72) BORJA, Juan P.; DUNN, Daniel Gene; WEAVER, Jared Hogg; SETLUR, Anant Achyut
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) GENZYME CORPORATION
(21) 10202303488R (22) 21/12/2018
(54) BIOMARKERS OF METHOTREXATE-INDUCED IMMUNE TOLERANCE
(31) 62/609,986 (32) 22/12/2017 (33) US
(72) JOSEPH, Alexandra;TRAN, Johnson;RICHARDS, Susan M.
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) GEORG FISCHER ROHRLEITUNGSSYSTEME AG
(21) 10202301735U (22) 19/06/2023
(54) WELDABLE HALF-SHELLS
(31) 22 180 897.5 (32) 24/06/2022 (33) EP
(72) Dirk Petry; Markus Breyer
(74) DREW & NAPIER LLC

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(71) GINKGO BIOWORKS, INC.

(21) 10202303534X (22) 20/03/2020

(54) RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS

(31) 62/821,710 (32) 21/03/2019 (33) US

(72) MCCOY, Daniel; BERRY, Garrett E.

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) GLOBAL BLOOD THERAPEUTICS, INC.

(21) 10202303332S (22) 10/03/2014

(54) COMPOUNDS AND USES THEREOF FOR THE MODULATION OF HEMOGLOBIN

(31) 13/815,770 (32) 15/03/2013 (33) US

(31) 61/905,802 (32) 18/11/2013 (33) US

(31) 61/905,803 (32) 18/11/2013 (33) US

(72) METCALF, Brian W.; LI, Zhe; XU, Qing; GWALTNEY, Stephen L., II.; HARRIS, Jason R.; YEE, Calvin W.

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) GP Network Asia Pte. Ltd.

(21) 10202250139X (22) 13/06/2022

(54) METHOD AND DEVICE FOR DETECTING MERCHANT FROM PAYMENT TRANSACTION

(72) Arnav JAIN

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) GP Network Asia Pte. Ltd.

(21) 10202250258M (22) 22/06/2022

(54) METHOD AND SYSTEM FOR ADAPTIVELY EXECUTING A PLURALITY OF TASKS

(72) HANDA, Ishan; HARLALKA, Priyanka

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 10202250225G (22) 20/06/2022

(54) METHOD AND DEVICE FOR PLACING ROAD OBJECTS ON MAP USING SENSOR INFORMATION

(72) Andrei Georgescu; Adrian-Ioan Margin; Bogdan-Andrei Gliga-Hambet; Zsolt-Francisc Vadaszi

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) General Electric Company; Oliver Crispin Robotics Limited

(21) 10202301525W (22) 30/05/2023

(54) SYSTEMS AND METHODS FOR ALIGNING AND LOCALIZING A TOOL

(31) 17/832,248 (32) 03/06/2022 (33) US

(72) TODD WILLIAM DANKO; TREVOR OWEN HAWKE

(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

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(71) Gilead Sciences, Inc.
(21) 10202303255Q (22) 02/03/2016
(54) TOLL LIKE RECEPTOR MODULATOR COMPOUNDS
(31) 62/128,397 (32) 04/03/2015 (33) US
(31) 62/250,403 (32) 03/11/2015 (33) US
(72) Evangelos AKTOUDIANAKIS ;Gregory CHIN;Richard L. MACKMAN;Samuel E. METOBO;Michael R. MISH;Hyung-jung PYUN ;Jeff ZABLOCKI
(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) GrabTaxi Holdings Pte. Ltd.
(21) 10202250315J (22) 28/06/2022
(54) SERVICE REQUEST ESTIMATED TIME GENERATION SYSTEM AND METHOD
(72) FAN, Haijin; WIRAWAN, Hendra Teja; KARN, Ashish Ranjan; CHEN, Wenqing
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) GrabTaxi Holdings Pte. Ltd.
(21) 10202260111Q (22) 16/11/2022
(54) METHOD AND SYSTEM FOR ADAPTIVELY LOCATING A MOVING OBJECT RELATIVE TO A TARGET OBJECT
(31) PCT/CN2022/101286 (32) 24/06/2022 (33) CN
(72) LE, Thanh Dat; WU, Hao; XU, Nuo; LIU, Jiang; KOERTGE, Harald; DING, Chunda
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Grabtaxi Holdings Pte. Ltd.
(21) 10202301053V (22) 14/04/2023
(54) METHOD AND SYSTEM FOR ADAPTIVELY IDENTIFYING AN OPTIMAL ROUTE
(31) PCT/CN2022/099517 (32) 17/06/2022 (33) CN
(72) Yaohui LI;Chunda Ding;Xiaoning Wang
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Grabtaxi Holdings Pte. Ltd.
(21) 10202301014V (22) 01/07/2022
(54) METHOD, DEVICE AND SYSTEM FOR DETECTING DYNAMIC OCCLUSION
(72) Zhengmin Xu;Andrei Georgescu;Padarn George Wilson;Nuo Xu;Xiaocheng Huang
(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Grand Advance Technologies Pte Ltd
(21) 10202303494P (22) 07/05/2021
(54) MICROPARTICLES/MICROCROWN
(72) Ng Lee Huat
(74) YUSARN AUDREY LLC

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(71) HAI ROBOTICS CO., LTD.

(21) 10202303257R (22) 07/09/2018

(54) HANDLING ROBOT AND METHOD FOR RETRIEVING INVENTORY ITEM BASED ON HANDLING ROBOT

(31) 201711141498.3 (32) 14/11/2017 (33) CN

(31) 201711135812.7 (32) 14/11/2017 (33) CN

(72) CHENG, Jui-chun; XU, Shengdong; CHEN, Yuqi

(74) MARKS & CLERK SINGAPORE LLP

(71) HELIOS SCIENTIFIC PTE. LTD.

(21) 10202302002T (22) 13/07/2023

(54) A SYSTEM AND METHOD FOR AUTHORIZING PAYMENTS OF A TRANSPORT COMPANY

(72) Cheah Han Chen; Cheah Han Liang; Sew Chee Kang; Cheah Han Ming; Phoon Kok Fai; Soon Guan Lip; Wong Choon Kang; Cheah Kar Hong

(74) PINTAS-IPHOUSE PTE. LTD.

(71) HITRUST.COM INCORPORATED

(21) 10202250958T (22) 09/09/2022

(54) METHOD AND SYSTEM FOR INFERRING DEVICE FINGERPRINT

(31) 111121217 (32) 08/06/2022 (33) TW

(72) CHEN HSIN-HUNG; TSAI JEN-HAO; HO SEE SANG

(74) Henry Goh (S) Pte Ltd

(71) HO, Chun-Hsuan

(21) 10202301028S (22) 14/04/2023

(54) METHOD FOR DETECTING IMMUNE EFFICACY AND PHARMACEUTICAL USE OF LYMPHOCYTES OR NATURAL KILLER CELLS

(31) 111121739 (32) 10/06/2022 (33) TW

(31) 111141861 (32) 02/11/2022 (33) TW

(72) HO, Chun-Hsuan

(74) W.P. LAI & COMPANY

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 10202303438Y (22) 13/06/2018

(54) METHODS AND SYSTEMS OF POWER CONTROL FOR UPLINK TRANSMISSION

(31) 62/521,259 (32) 16/06/2017 (33) US

(72) GONG, Zhengwei; MAAREF, Amine; AU, Kelvin Kar Kin; BALIGH, Mohammadhadi; XIAO, Weimin

(74) Allen & Gledhill LLP

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- (71) Hydroleap Private Limited
 (21) 10202250337V (22) 30/06/2022
 (54) METHOD AND SYSTEM FOR AUTOMATED RESPONSIVE ELECTROCOAGULATION
 WASTEWATER PROCESSING
 (72) Mohammad SHERAFATMAND;Lakshmi JOTHINATHAN
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) ILLUMINA, INC.
 (21) 10202303405P (22) 05/01/2018
 (54) PHASING CORRECTION
 (31) 62/443,294 (32) 06/01/2017 (33) US
 (72) LANGLOIS, Robert;BELITZ, Paul
 (74) MARKS & CLERK SINGAPORE LLP
- (71) ILLUMINA, INC.
 (21) 10202303491Q (22) 05/01/2018
 (54) METHODS AND SYSTEMS FOR GENERATION AND ERROR-CORRECTION OF UNIQUE
 MOLECULAR INDEX SETS WITH HETEROGENEOUS MOLECULAR LENGTHS
 (31) 62/447,851 (32) 18/01/2017 (33) US
 (72) WU, Kevin; ZHAO, Chen; CHUANG, Han-Yu; SO, Alex; TANNER, Stephen; GROSS, Stephen M.
 (74) MARKS & CLERK SINGAPORE LLP
- (71) IMMATICS BIOTECHNOLOGIES GMBH
 (21) 10202303514U (22) 17/09/2019
 (54) B*44 RESTRICTED PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CANCERS AND
 RELATED METHODS
 (31) 10 2018 122 623.3 (32) 17/09/2018 (33) DE
 (31) 62/732,300 (32) 17/09/2018 (33) US
 (72) SONG, Colette; SCHUSTER, Heiko; KOWALEWSKI, Daniel; SCHOOR, Oliver; FRITSCHE, Jens;
 WEINSCHENK, Toni; SINGH, Harpreet
 (74) DREW & NAPIER LLC
- (71) IMMATICS BIOTECHNOLOGIES GMBH
 (21) 10202303576W (22) 07/12/2017
 (54) NOVEL T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME
 (31) 10 2016 123 847.3 (32) 08/12/2016 (33) DE
 (31) 62/431,588 (32) 08/12/2016 (33) US
 (72) ALTEN, Leonie; BUNK, Sebastian; MAURER, Dominik; WAGNER, Claudia
 (74) DREW & NAPIER LLC
- (71) INHIBRX, INC.
 (21) 10202303481W (22) 11/01/2017

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- (54) MULTIVALENT AND MULTISPECIFIC OX40-BINDING FUSION PROTEINS
(31) 62/277,027 (32) 11/01/2016 (33) US
(72) ECKELMAN, Brendan P.; TIMMER, John C.; HATA, Chelsie; JONES, Kyle S.; HUSSAIN, Abraham; RAZAI, Amir S.; BECKLUND, Bryan; PANDIT, Rajay; KAPLAN, Mike; RASCON, LUCAS; DEVERAUX, Quinn
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) INTEL CORPORATION
(21) 10202303125W (22) 29/12/2017
(54) MICROELECTRONIC ASSEMBLIES
(72) LIFF, Shawna, M.; ELSHERBINI, Adel, A.; SWAN, Johanna, M.
(74) Amica Law LLC
- (71) ImmunoScape Pte. Ltd.
(21) 10202250175C (22) 15/06/2022
(54) HUMAN T CELL RECEPTORS AND USES THEREOF
(72) Dan MacLeod;Katja Fink;Michael Fehlings;Eng Loan Ping;Kan Xing Wu;Alessandra Nardin
(74) MORGAN LEWIS STAMFORD LLC
- (71) ImmunoScape Pte. Ltd.
(21) 10202260001W (22) 07/11/2022
(54) Human T cell Receptors and uses thereof
(31) 10202250175C (32) 15/06/2022 (33) SG
(72) Dan MacLeod;Katja Fink;Michael Fehlings;Eng Loan Ping;Kan Xing Wu;Alessandra NARDIN
(74) MORGAN LEWIS STAMFORD LLC
- (71) Incyte Holdings Corporation
(21) 10202303407U (22) 12/06/2013
(54) SUBSTITUTED TRICYCLIC COMPOUNDS AS FGFR INHIBITORS
(31) 61/659,245 (32) 13/06/2012 (33) US
(31) 61/691,463 (32) 21/08/2012 (33) US
(31) 61/740,012 (32) 20/12/2012 (33) US
(31) 61/774,841 (32) 08/03/2013 (33) US
(72) WU, Liangxing; ZHANG, Colin; HE, Chunhong; SUN, Yaping; LU, Liang; QIAN, Ding-Quan; XU, Meizhong; ZHUO, Jincong; YAO, Wenqing
(74) NANYANG LAW LLC
- (71) Iron Gaming Limited
(21) 10202250106F (22) 09/06/2022
(54) Method And Apparatus For Validating Software Use On An Apparatus
(72) Peter Marek Zmijewski; Scott Matthew Dowdell
(74) RODYK & DAVIDSON LLP

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- (71) JU YUH ENTERPRISE
(21) 10202301667W (22) 13/06/2023
(54) Negative Pressure Delivery System
(31) 111123609 (32) 24/06/2022 (33) TW
(72) CHIN, LIANG-CHIH; LU, HSIU-CHIN; HUANG, CHING-CHING
(74) WONG & LEOW LLC
- (71) Jiangsu Zhengjin Special Vehicle Manufacturing Co., Ltd.
(21) 10202260167P (22) 23/11/2022
(54) A DOUBLE-TRACTION TRANSFER VEHICLE
(31) 202210783502.0 (32) 27/06/2022 (33) CN
(72) Houdong Sun;Yang Sun
(74) ORION IP LLP
- (71) KABUSHIKI KAISHA TOP
(21) 10202301565P (22) 05/06/2023
(54) INFUSION PUMP
(31) 2022-093188 (32) 08/06/2022 (33) JP
(72) Issei KAWACHI
(74) hslegal LLP
- (71) KAHA PTE. LTD.
(21) 10202250183H (22) 16/06/2022
(54) METHOD FOR CONNECTING ONE OR MORE DEVICES WITH A MOBILE DEVICE
(72) SUDHEENDRA SHANTHARAM
- (71) KAHA PTE. LTD.
(21) 10202250179Q (22) 16/06/2022
(54) METHOD FOR ORGANIZING ONE OR MORE LAYERS IN A WEARABLE
(72) SANTOSH PRABHU
- (71) KAHA PTE. LTD.
(21) 10202250180K (22) 16/06/2022
(54) METHOD, DEVICE AND SYSTEM FOR PERSONALIZED AVATAR BASED ON USER DATA
(72) SANTOSH PRABHU
- (71) KAHA PTE. LTD.
(21) 10202250182J (22) 16/06/2022
(54) SMART SLEEP MANAGEMENT SYSTEM

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(72) SANTOSH PRABHU

(71) KAHA PTE. LTD.

(21) 10202250184V

(22) 16/06/2022

(54) METHOD AND SYSTEM FOR DETERMINING OCCURRENCE OF AN EVENT

(72) SUDHEENDRA SHANTHARAM

(71) KAHA PTE. LTD.

(21) 10202250181K

(22) 16/06/2022

(54) METHOD AND SYSTEM FOR DETERMINING REAL TIME STATUS OF AN EVENT

(72) SUDHEENDRA SHANTHARAM

(71) KANT OPTICAL PTE LTD.

(21) 10202301810R

(22) 23/06/2023

(54) METHOD OF ENABLING CONTACT LENS TO RELEASE FAR-INFRARED RAYS, CONTACT LENS CONTAINER AND CONTACT LENS

(31) 111123913

(32) 27/06/2022

(33) TW

(72) CHI-CHOU YUAN

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) KOKUSAI ELECTRIC CORPORATION

(21) 10202301686W

(22) 14/06/2023

(54) METHOD OF PROCESSING SUBSTRATE, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, SUBSTRATE PROCESSING APPARATUS, AND PROGRAM

(31) 2022-098420

(32) 17/06/2022

(33) JP

(72) DEGAI, Motomu; NAKATANI, Kimihiko

(74) Allen & Gledhill LLP

(71) KOKUSAI ELECTRIC CORPORATION

(21) 10202301772T

(22) 21/06/2023

(54) SUBSTRATE PROCESSING SYSTEM, SUBSTRATE PROCESSING APPARATUS, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, AND PROGRAM

(31) 2022-106151

(32) 30/06/2022

(33) JP

(72) YAMAMOTO, Kazuyoshi; HAYASHIHARA, Hidemoto; YASHIKI, Kayoko; KITA, Kyohei; ASAI, Kazuhide

(74) Allen & Gledhill LLP

(71) KPR U.S., LLC

(21) 10202303579U

(22) 28/06/2018

(54) MONITORING VITAL PARAMETERS OF A COMPRESSION GARMENT WEARER

(31) 62/527,155

(32) 30/06/2017

(33) US

(72) DENSON, Jesse; KEITH, Laura; WUDYKA, Scott; ABDOOL, Zaheer

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(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) LAM RESEARCH CORPORATION

(21) 10202303217P (22) 06/03/2020

(54) APPARATUS FOR CLEANING PLASMA CHAMBERS

(31) 62/816,820 (32) 11/03/2019 (33) US

(72) LAVOIE, Adrien; AGARWAL, Pulkit; PASQUALE, Frank Loren; KUMAR, Purushottam

(74) MARKS & CLERK SINGAPORE LLP

(71) LI Xiaoyan

(21) 10202303269V (22) 20/11/2023

(54) A FLEXSPLINE, A HARMONIC GEAR AND A METHOD OF PREPARATION

(72) LI Xiaoyan

(74) Amica Law LLC

(71) LYELL IMMUNOPHARMA, INC.

(21) 10202303045T (22) 28/04/2021

(54) METHODS FOR CULTURING CELLS

(31) 63/016,907 (32) 28/04/2020 (33) US

(72) VODNALA, Suman Kumar; EIL, Robert Langland; RESTIFO, Nicholas P.

(74) RODYK IP

(71) LYELL IMMUNOPHARMA, INC.

(21) 10202303624P (22) 23/11/2021

(54) METHODS FOR MAKING, COMPOSITIONS COMPRISING, AND METHODS OF USING REJUVENATED T CELLS

(31) 63/117,787 (32) 24/11/2020 (33) US

(31) 63/153,881 (32) 25/02/2021 (33) US

(31) 63/165,093 (32) 23/03/2021 (33) US

(72) VIZCARDIO SAKODA, Raul E.; RESTIFO, Nicholas; KLAUSNER, Richard D.; HUANG, Yin; MAEDA, Takuya; TAMAOKI, Naritaka; YAMAZAKI, Yasuhiro

(74) RODYK IP

(71) LZLABS GMBH

(21) 10202303273S (22) 28/04/2017

(54) CONTAINERIZED DEPLOYMENT OF MICROSERVICES BASED ON MONOLITHIC LEGACY APPLICATIONS

(72) JAEGER, Jan; DURAND, Didier; DITSCHIED, Pierre-Jean; VUATTOUX, Jean-Luc

(74) PIZZEYS PTE. LTD.

(71) Lemon Inc.

(21) 10202250245Q (22) 21/06/2022

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(54) MULTI-TASK LEARNING WITH A SHARED FOUNDATION MODEL

(72) FENG Jiashi;ZHOU Daquan

(74) MARKS & CLERK SINGAPORE LLP

(71) Lenz Therapeutics, Inc.

(21) 10202303305S (22) 08/10/2019

(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA

(31) 62/743,720 (32) 10/10/2018 (33) US

(72) HORN, Gerald

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) MAGENTA THERAPEUTICS, INC.

(21) 10202303281R (22) 29/11/2018

(54) COMPOSITIONS AND METHODS FOR THE DEPLETION OF CD5+ CELLS

(31) 62/592,214 (32) 29/11/2017 (33) US

(72) BOITANO, Anthony; COOKE, Michael; PALCHAUDHURI, Rahul; MCDONOUGH, Sean

(74) DREW & NAPIER LLC

(71) MASTERMARK PTE LTD

(21) 10202250205E (22) 17/06/2022

(54) NET TRAP FOR CAPTURING FLYING ANIMALS

(72) Christopher Wee Jin Wei

(74) YUSARN AUDREY LLC

(71) MAX CO., LTD.

(21) 10202301871S (22) 30/06/2023

(54) BINDING DEVICE

(31) 2022-106761 (32) 01/07/2022 (33) JP

(72) Akira KASAHARA;Kenichi ARAI;Shigeki SHINDOU

(74) DREW & NAPIER LLC

(71) MAX CO., LTD.

(21) 10202301872Q (22) 30/06/2023

(54) BINDING DEVICE

(31) 2022-106763 (32) 01/07/2022 (33) JP

(72) Akira KASAHARA;Shigeki SHINDOU;Yosei NODAGUCHI

(74) DREW & NAPIER LLC

(71) MERUS N.V.

(21) 10202303260Q (22) 22/09/2017

(54) BINDING MOLECULES THAT MODULATE A BIOLOGICAL ACTIVITY EXPRESSED BY A CELL

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(72) GEUIJEN, Cecilia Anna Wilhelmina; THROSBY, Mark; DE KRUIF, Cornelis Adriaan; KLOOSTER, Rinse; TACKEN, Paulus Johannes; LOGTENBERG, Ton
(74) FPA PATENT ATTORNEYS ASIA PTE. LTD.

(71) MESO SCALE TECHNOLOGIES, LLC
(21) 10202303437W (22) 23/12/2019
(54) COMPOSITIONS AND METHODS FOR CARRYING OUT ASSAY MEASUREMENTS
(31) 62/787,892 (32) 03/01/2019 (33) US
(72) TUCKER-SCHWARTZ, Alexander K.; SIGAL, George
(74) MARKS & CLERK SINGAPORE LLP

(71) MEXICHEM FLUOR S.A. DE C.V.
(21) 10202303518T (22) 14/08/2019
(54) REFRIGERANT COMPOSITION AND USE THEREOF
(31) 1813237.3 (32) 14/08/2018 (33) GB
(31) 1901885.2 (32) 11/02/2019 (33) GB
(72) LOW, Robert E
(74) ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) MICROWAVE PACKAGING (S) PTE LTD
(21) 10202303234U (22) 22/05/2019
(54) A Food Receptacle
(72) Lau Boon Wee
(74) ORION IP LLP

(71) NATIONAL CHENG KUNG UNIVERSITY
(21) 10202250793G (22) 19/08/2022
(54) GRAPHENE NANOSHEET BY MULTIPLE MEDIUM CONTROLLED ZERO-POINT POTENTIAL MODULATION AND MANUFACTURING METHOD OF THE SAME
(31) 111206831 (32) 28/06/2022 (33) TW
(72) Chang, Chia-Wei;Tseng, I-Hsien;Su, Yen-Hsun
(74) ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) NATIONAL UNIVERSITY OF SINGAPORE
(21) 10202303426P (22) 06/12/2021
(54) BIOPRODUCTION OF ENANTIOPURE (R)- AND (S)-2-PHENYLGLYCINOL FROM STYRENE AND RENEWABLE FEEDSTOCKS VIA ARTIFICIAL ENZYME CASCADE
(31) 10202012190X (32) 07/12/2020 (33) SG
(72) LI, Zhi; SUNDARA SEKAR, Balaji; LUKITO, Benedict Ryan
(74) MARKS & CLERK SINGAPORE LLP

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- (71) NOVARTIS AG
(21) 10202303447P (22) 01/11/2018
(54) MEANS AND METHOD FOR PREPARING VIRAL VECTORS AND USES OF SAME
(31) 62/583,035 (32) 08/11/2017 (33) US
(72) KASPAR, Brian K.; HATFIELD, James Michael; BALLEYDIER, Joseph; KASPAR, Allan Arman;
HODGE, Robert Emil
(74) DREW & NAPIER LLC
- (71) Nanyang Technological University
(21) 10202301584S (22) 05/06/2023
(54) DISCHARGING BATTERIES WITH ASH
(31) 10202250017Q (32) 03/06/2022 (33) SG
(72) SRINIVASAN, Madhavi; LIN, Wenlin Yvonne; DO, Minh Phuong
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Nanyang Technological University
(21) 10202301799R (22) 22/06/2023
(54) HYDROGEN SPILLOVER BOOSTED PLATINUM/CARBON ELECTROCATALYSTS
(31) 10202250255A (32) 22/06/2022 (33) SG
(72) LIU Zheng; GUO Shasha
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Nebulum Technologies Co., Ltd.
(21) 10202250119N (22) 09/06/2022
(54) Methods for Preparing and Analyzing Biopsies and Biological Samples
(72) Yuan-Hsiao HUANG
(74) CANTAB IP PTE. LTD.
- (71) Nozomi Networks Sagl
(21) 10202301669P (22) 13/06/2023
(54) METHOD FOR AUTOMATIC SIGNATURES GENERATION FROM A PLURALITY OF SOURCES
(31) 17/855,940 (32) 01/07/2022 (33) US
(72) KLEYMENOV, Alexey; CARULLO, Moreno; CARCANO, Andrea
(74) Amica Law LLC
- (71) ONG Yizhi Kingsfield
(21) 10202250281V (22) 24/06/2022
(54) DEVICE FOR PAINLESS INJECTION
(72) ONG Yizhi Kingsfield
(74) Synergy IP Pte. Ltd.

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(71) ORION CORPORATION

(21) 10202303212T (22) 21/12/2017

(54) PYRAN DERIVATIVES AS CYP11A1 (CYTOCHROME P450 MONOOXYGENASE 11A1) INHIBITORS

(31) 20166024 (32) 22/12/2016 (33) FI

(72) DIN BELLE, David;MÄKELÄ, Mikko;PASSINIEMI, Mikko;PIETIKÄINEN, Pekka;RUMMAKKO, Petteri;TIAINEN, Eija;VAISMAA, Matti;WOHLFAHRT, Gerd

(74) MARKS & CLERK SINGAPORE LLP

(71) PFETCH, INC.

(21) 10202303626U (22) 25/09/2020

(54) RGB NETWORK AND DEVICES

(31) 63/101,218 (32) 03/10/2019 (33) US

(72) CVIJANOVIC, Christi

(74) Amica Law LLC

(71) PFETCH, INC.

(21) 10202303628W (22) 25/09/2020

(54) RGB NETWORK AND DEVICES

(31) 63/101,218 (32) 03/10/2019 (33) US

(72) CVIJANOVIC, Christi

(74) Amica Law LLC

(71) PHARMACYCLICS LLC

(21) 10202303345R (22) 03/06/2013

(54) Crystalline Forms Of A Brutons Tyrosine Kinase Inhibitor

(31) 61/655,381 (32) 04/06/2012 (33) US

(72) SMYTH, Mark; GOLDMAN, Erick; WIRTH, David, D.; PURRO, Norbert

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) PRAXAIR S.T. TECHNOLOGY, INC.

(21) 10202303177W (22) 09/05/2019

(54) CHROMATE-FREE CERAMIC COATING COMPOSITIONS FOR HOT CORROSION PROTECTION OF SUPERALLOY SUBSTRATES

(31) 16/406,292 (32) 08/05/2019 (33) US

(72) BELOV, Irina; TANG, Zhihong; FITZWATER, Brian; COPELAND, Daryl

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) PT GoTo Gojek Tokopedia Tbk

(21) 10202250207M (22) 17/06/2022

(54) METHODS AND SYSTEMS FOR PREDICTING JOURNEY TIME

(72) NG Germaine; CHIA Li Juan

(74) MARKS & CLERK SINGAPORE LLP

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Name Index) - cont'd

(71) PURETECH LYT 100, INC.

(21) 10202303351P (22) 16/09/2019

(54) DEUTERIUM-ENRICHED PIRFENIDONE AND METHODS OF USE THEREOF

(31) 62/731,570 (32) 14/09/2018 (33) US

(31) 62/750,377 (32) 25/10/2018 (33) US

(31) 62/839,256 (32) 26/04/2019 (33) US

(31) 62/884,984 (32) 09/08/2019 (33) US

(72) ELENKO, Eric; CHEN, Michael C.; SABOUNJIAN, LuAnn

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Panasonic Intellectual Property Corporation of America

(21) 10202250217M (22) 17/06/2022

(54) COMMUNICATION APPARATUS AND COMMUNICATION METHOD FOR EXTENDED SENSING BY PROXY

(72) CHITRAKAR, Rojan; URABE, Yoshio; MOTOZUKA, Hiroyuki; PUSHKARNA, Rajat

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Panasonic Intellectual Property Corporation of America

(21) 10202250353D (22) 01/07/2022

(54) INTEGRATING FREQUENCY DOMAIN SPECTRAL SHAPING WITH SPECTRUM EXTENSION AND TONE RESERVATION

(72) TRAN, Xuan Tuong;SUZUKI, Hidetoshi;YAMAMOTO, Tetsuya;OGAWA, Yoshihiko;KANG, Yang;SIM, Hong Cheng, Michael

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Panasonic Intellectual Property Management Co., Ltd.

(21) 10202301550V (22) 01/06/2023

(54) LIGHTING SYSTEM

(31) 2022-091890 (32) 06/06/2022 (33) JP

(72) Emi TAKEMOTO; Yoko MATSUBAYASHI; Ryo OKAMOTO

(74) Amica Law LLC

(71) QED THERAPEUTICS, INC.

(21) 10202303397U (22) 29/05/2020

(54) METHODS OF TREATING URINARY SYSTEM CANCERS

(31) 62/855,277 (32) 31/05/2019 (33) US

(31) 62/906,194 (32) 26/09/2019 (33) US

(72) PANICUCCI, Riccardo; ARANGIO, Susan; BERMAN, Craig; MONTEITH, Michael; SOIFER, Harris; LI, Gang; DAMBKOWSKI, Carl; MULREANY, Daniel

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

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(71) QUALCOMM INCORPORATED

(21) 10202303343Y (22) 07/05/2020

(54) MAPPING ONE PREAMBLE TO MULTIPLE PHYSICAL UPLINK SHARED CHANNEL RESOURCE UNITS FOR TWO-STEP RANDOM ACCESS PROCEDURE

(31) PCT/CN2019/089292 (32) 30/05/2019 (33) CN

(72) LEI, Jing;PARK, Seyong;CAO, Yiqing;GAAL, Peter;CHEN, Wanshi

(74) DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 10202303391V (22) 15/04/2020

(54) SERVICE PRIORITY INFORMATION FOR MULTI-SIM USER EQUIPMENT PAGING

(31) PCT/CN2019/090297 (32) 06/06/2019 (33) CN

(72) ZHANG, Juan; HORN, Gavin Bernard; OZTURK, Ozcan

(74) DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 10202303508Q (22) 12/06/2020

(54) TRANSFORM AND LAST SIGNIFICANT COEFFICIENT POSITION SIGNALING FOR LOW-FREQUENCY NON-SEPARABLE TRANSFORM IN VIDEO CODING

(31) 62/861,828 (32) 14/06/2019 (33) US

(31) 62/868,346 (32) 28/06/2019 (33) US

(31) 16/899,063 (32) 11/06/2020 (33) US

(72) NALCI, Alican; EGILMEZ, Hilmi Enes; SEREGIN, Vadim; COBAN, Muhammed Zeyd; KARCZEWICZ, Marta

(74) DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 10202303569X (22) 19/12/2018

(54) CARRIER AGGREGATION SCELL NEW STATE TRANSITION DESIGN

(31) 62/607,889 (32) 19/12/2017 (33) US

(31) 62/619,692 (32) 19/01/2018 (33) US

(31) 16/224,311 (32) 18/12/2018 (33) US

(72) KADIRI, Prasad; PHUYAL, Umesh

(74) DREW & NAPIER LLC

(71) RECURIUM IP HOLDINGS, LLC

(21) 10202303303Q (22) 26/02/2019

(54) SUBSTITUTED 1,2-DIHYDRO-3H-PYRAZOLO[3,4-D]PYRIMIDIN-3-ONES

(31) 62/641,149 (32) 09/03/2018 (33) US

(31) 62/755,163 (32) 02/11/2018 (33) US

(72) HUANG, Peter, Qinhua; BUNKER, Kevin, Duane; BOREN, Brant, Clayton; HEGDE, Sayee, Gajanan; LIU, Hui; UNNI, Aditya, Krishnan; ABRAHAM, Sunny; HOPKINS, Chad, Daniel; PALIWAL, Sunil

(74) DREW & NAPIER LLC

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- (71) REGENERON PHARMACEUTICALS, INC.
(21) 10202303224R (22) 14/10/2016
(54) STABLE PROTEIN COMPOSITIONS
(31) 62/242,412 (32) 16/10/2015 (33) US
(72) CHEN, Hunter;SCHLESINGER, Erica
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) REGENERON PHARMACEUTICALS, INC.
(21) 10202303249P (22) 05/09/2018
(54) METHODS OF ASSESSING ANTIBODY-DRUG CONJUGATES
(31) 62/556,153 (32) 08/09/2017 (33) US
(72) SKINNER, Andria; KULYBA, Natallia
(74) FPA PATENT ATTORNEYS ASIA PTE. LTD.
- (71) REGENERON PHARMACEUTICALS, INC.
(21) 10202303341X (22) 04/06/2020
(54) NON-HUMAN ANIMALS HAVING A LIMITED LAMBDA LIGHT CHAIN REPERTOIRE EXPRESSED FROM THE KAPPA LOCUS AND USES THEREOF
(31) 62/857,712 (32) 05/06/2019 (33) US
(72) MCWHIRTER, John;HANSEN, Johanna;BABB, Robert;GUO, Chunguang;MACDONALD, Lynn;MURPHY, Andrew J.
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) REGENERON PHARMACEUTICALS, INC.
(21) 10202303536Q (22) 15/03/2019
(54) MICROCHIP CAPILLARY ELECTROPHORESIS ASSAYS AND REAGENTS
(31) 62/644,933 (32) 19/03/2018 (33) US
(72) RIEHLMAN, Timothy; CARREAU, Gabriel; SCHNEIDERHEINZE, Jeffrey; NALL, Nicole, M.
(74) MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) RINNAI CORPORATION
(21) 10202301583U (22) 05/06/2023
(54) STOVE BURNER AND GAS STOVE
(31) 2022-101288 (32) 23/06/2022 (33) JP
(72) Takeshi Fukaya
(74) Amica Law LLC
- (71) RINNAI CORPORATION
(21) 10202301585V (22) 05/06/2023
(54) STOVE BURNER AND GAS STOVE

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- (31) 2022-104006 (32) 28/06/2022 (33) JP
(72) Kazuhiro ASAI; Takeshi Fukaya
(74) Amica Law LLC
- (71) RUBEDO LIFE SCIENCES, INC.
(21) 10202303454X (22) 11/07/2019
(54) SENOLYTIC COMPOSITIONS AND USES THEREOF
(31) 62/696,486 (32) 11/07/2018 (33) US
(72) GALLOP, Mark A.; QUARTA, Marco; KLEIN, Julian
(74) DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10202300048P (22) 06/01/2023
(54) EXTREME ULTRAVIOLET LITHOGRAPHY DEVICE AND METHOD OF OPERATING EXTREME
ULTRAVIOLET LITHOGRAPHY DEVICE
(31) 10-2022-0068201 (32) 03/06/2022 (33) KR
(72) Hoduk Cho; Seongbo Shim; Hyungjong Bae; Chan Hwang
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10202300132R (22) 17/01/2023
(54) SEMICONDUCTOR DEVICE
(31) 10-2022-0070569 (32) 10/06/2022 (33) KR
(72) Jungmin PARK; Hanjin LIM; Hyungsuk JUNG
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10202301704X (22) 15/06/2023
(54) SEMICONDUCTOR DEVICE
(31) 10-2022-0073469 (32) 16/06/2022 (33) KR
(72) Donggeon Lee; Jungoo Kang; Dayeon Nam; Juwon Park; Sungjoon Yoon
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10202301436R (22) 23/05/2023
(54) SEMICONDUCTOR DEVICE
(31) 10-2022-0081410 (32) 01/07/2022 (33) KR
(72) Taeyong Kwon; Yoonjoong Kim; Seungmin Kim; Dogeon Lee
(74) VIERING, JENTSCHURA & PARTNER LLP

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(71) SAREPTA THERAPEUTICS, INC.;THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES;UNIVERSITY OF MARYLAND;THE PROGERIA RESEARCH FOUNDATION

(21) 10202303471P

(22) 28/04/2017

(54) OLIGONUCLEOTIDE ANALOGUES TARGETING HUMAN LMNA

(31) 62/330,027

(32) 29/04/2016

(33) US

(72) ERDOS, Michael R.; CAO, Kan; KOLE, Ryszard; BESTWICK, Richard Keith; COLLINS, Francis S.; GORDON, Leslie B.

(74) DREW & NAPIER LLC

(71) SECRETLAB SG PTE. LTD.

(21) 10202250118P

(22) 09/06/2022

(54) AN APPARATUS FOR A DISPLAY DEVICE

(72) Vincent Sin; Lim Ee Hao Gabriel

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) SENJU METAL INDUSTRY CO., LTD.

(21) 10202303403T

(22) 17/11/2021

(54) SOLDER ALLOY, SOLDER BALL AND SOLDER JOINT

(31) 63/115,611

(32) 19/11/2020

(33) US

(72) IJIMA Yuki; YOSHIKAWA Shunsaku; DEI Kanta; MATSUFUJI Takahiro; SUGISAWA Kota

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) SENSETIME INTERNATIONAL PTE. LTD.;NANYANG TECHNOLOGICAL UNIVERSITY

(21) 10202250164R

(22) 15/06/2022

(54) METHOD AND APPARATUS FOR GENERATING VIRTUAL OBJECT, DEVICE, STORAGE MEDIUM, AND PROGRAM PRODUCT

(72) ZHANG, Junzhe;REN, Daxuan;CAI, Zhongang;YEO, Chai Kiat;DAI, Bo;LOY, Chen Change

(74) ONE LEGAL LLC

(71) SENSETIME INTERNATIONAL PTE. LTD.;NANYANG TECHNOLOGICAL UNIVERSITY

(21) 10202250234Y

(22) 20/06/2022

(54) MODEL TRAINING AND IMAGE PROCESSING METHODS AND APPARATUSES, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(72) WU, Haoning; CHEN, Chaofeng; HOU, Jingwen; LIAO, Liang; WANG, Annan; SUN, Wenxiu; YAN, Qiong; LIN, Weisi

(74) ONE LEGAL LLC

(71) SERVATUS LTD

(21) 10202303469R

(22) 08/12/2021

(54) COMBINATION THERAPY FOR INFLAMMATORY DISORDERS OF THE JOINTS

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- (31) 2020904573 (32) 09/12/2020 (33) AU
 (72) FINLAYSON, Wayne
 (74) DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) SHIRE HUMAN GENETIC THERAPIES, INC.;ETHRIS GMBH
 (21) 10202303442T (22) 14/03/2014
 (54) CFTR MRNA COMPOSITIONS AND RELATED METHODS AND USES
 (31) 61/783,663 (32) 14/03/2013 (33) US
 (72) HEARTLEIN, Michael; GUILD, Braydon, Charles; DEROSA, Frank; RUDOLPH, Carsten; PLANK, Christian; SMITH, Lianne
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) SK enpulse Co., Ltd.
 (21) 10202301798T (22) 22/06/2023
 (54) BLANK MASK AND PHOTOMASK USING THE SAME
 (31) 10-2022-0076792 (32) 23/06/2022 (33) KR
 (72) LEE, GeonGon; LEE, Hyung-joo; KIM, Suhyeon; SON, Sung Hoon; KIM, Seong Yoon; JEONG, Min Gyo; KIM, Taewan; SHIN, Inkyun; KIM, Tae Young
 (74) VIERING, JENTSCHURA & PARTNER LLP
- (71) SK hynix Inc.
 (21) 10202301113W (22) 21/04/2023
 (54) MEMORY DEVICE AND METHOD OF OPERATING THE MEMORY DEVICE
 (31) 10-2022-0078879 (32) 28/06/2022 (33) KR
 (72) Hye Lyoung LEE; Tae Un YOUN; Kwang Min LIM
 (74) Donaldson & Burkinshaw LLP
- (71) SPACECRAFT SEVEN, LLC
 (21) 10202303239R (22) 20/05/2021
 (54) ENGINEERED PARKIN AND USES THEREOF
 (31) 63/027,866 (32) 20/05/2020 (33) US
 (31) 63/027,868 (32) 20/05/2020 (33) US
 (72) SACRAMENTO, Chester Bittencort; HERZOG, Christopher Dean; PRABHAKAR, Raj
 (74) DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) Samsung Electronics Co., Ltd.
 (21) 10202300205S (22) 26/01/2023
 (54) SEMICONDUCTOR MEMORY DEVICE
 (31) 10-2022-0068422 (32) 03/06/2022 (33) KR
 (72) KISEOK LEE; KEUNNAM KIM; YONGSEOK KIM; HYUNCHEOL KIM; KYUNGHWAN LEE
 (74) VIERING, JENTSCHURA & PARTNER LLP

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- (71) Samsung Electronics Co., Ltd.
(21) 10202300480X (22) 24/02/2023
(54) SEMICONDUCTOR DEVICES
(31) 10-2022-0075952 (32) 22/06/2022 (33) KR
(72) KIM, Da Hye; KIM, Gyeom; KIM, Jin Bum; JUNG, Su Jin; CHUN, Kyung Bin
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Samsung Electronics Co., Ltd.
(21) 10202300501P (22) 27/02/2023
(54) SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME
(31) 10-2022-0069384 (32) 08/06/2022 (33) KR
(72) KYUNGHOO KIM; KI HWAN KIM; KANG HUN MOON; CHOEUN LEE; YONGUK JEON
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Samsung Electronics Co., Ltd.
(21) 10202300522W (22) 28/02/2023
(54) SEMICONDUCTOR DEVICE
(31) 10-2022-0071340 (32) 13/06/2022 (33) KR
(72) SUNG, Yoo Ri; KIM, Ju Youn; SEO, Myung Soo; LEE, Ki Hwan
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Samsung Electronics Co., Ltd.
(21) 10202300531S (22) 28/02/2023
(54) CAPACITOR STRUCTURE, SEMICONDUCTOR MEMORY DEVICE INCLUDING THE STRUCTURE, AND METHOD FOR MANUFACTURING THE STRUCTURE
(31) 10-2022-0072260 (32) 14/06/2022 (33) KR
(72) CHO, Cheol Jin; PARK, Young-Lim; JUNG, Kyoo Ho
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Samsung Electronics Co., Ltd.
(21) 10202300547W (22) 01/03/2023
(54) SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME
(31) 10-2022-0073910 (32) 17/06/2022 (33) KR
(72) KIM, Hyo Jin; LEE, Sang Moon; KIM, Jin Bum; NAM, Yong Jun
(74) VIERING, JENTSCHURA & PARTNER LLP
- (71) Samsung Electronics Co., Ltd.
(21) 10202300552S (22) 01/03/2023
(54) SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
(31) 10-2022-0068510 (32) 03/06/2022 (33) KR
(72) Kihwan Kim; Kyungho Kim; Kanghun Moon; Choeun Lee; Yonguk Jeon

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(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10202300985T (22) 10/04/2023

(54) SEMICONDUCTOR DEVICES AND DATA STORAGE SYSTEMS INCLUDING THE SAME

(31) 10-2022-0076930 (32) 23/06/2022 (33) KR

(72) Donghoon Kwon; Beomjin Park; Boun Yoon

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10202301236P (22) 03/05/2023

(54) INTEGRATED CIRCUIT DEVICE

(31) 10-2022-0069701 (32) 08/06/2022 (33) KR

(72) Seojin Jeong; Jungtaek Kim; Moonseung Yang; Sumin Yu; Edward Namkyu Cho; Seokhoon Kim; Pankwi Park

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Seagen Inc.

(21) 10202303376Q (22) 30/11/2018

(54) HUMANIZED ANTI-LIV1 ANTIBODIES FOR THE TREATMENT OF BREAST CANCER

(31) 62/593,660 (32) 01/12/2017 (33) US

(72) KENNEDY, Dana; KOSTIC, Ana; CORWIN, Elizabeth; DRACHMAN, Jonathan; HAUGHNEY, Peter; ZHAO, Baiteng; GARFIN, Phillip; PALANCA-WESSELS, Corinna; ABIDOYE, Oyewale O.

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Spinor Media Inc.

(21) 10202250237G (22) 21/06/2022

(54) RESERVATION SUBSTITUTE PAYMENT PROCESSING METHOD USING RESERVATION SUBSTITUTE PAYMENT PROCESSING SERVER AND SYSTEM USING THE SAME

(72) Zae Young KIM

(74) ELLA CHEONG LLC

(71) TANATECH VENTURES SDN BHD

(21) 10202300683P (22) 13/03/2023

(54) A DATA LOGGING DEVICE AND SYSTEM THEREOF

(72) Patrick Martinet; Leon Chong Tit Liang

(74) PINTAS-IPHOUSE PTE. LTD.

(71) TENEOBIO, INC.

(21) 10202303558X (22) 21/12/2018

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- (54) HEAVY CHAIN ANTIBODIES BINDING TO CD22
(31) 62/609,759 (32) 22/12/2017 (33) US
(72) ALDRED, Shelley Force; VAN SCHOOTEN, Wim; OGANA, Heather Anne N.; DAVISON, Laura Marie; HARRIS, Katherine; RANGASWAMY, Udaya; TRINKLEIN, Nathan D.
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TESARO, INC.
(21) 10202303638X (22) 27/12/2018
(54) METHODS OF TREATING CANCER
(31) 62/610,761 (32) 27/12/2017 (33) US
(31) 62/613,372 (32) 03/01/2018 (33) US
(31) 62/680,511 (32) 04/06/2018 (33) US
(72) FENG, Bin; RAMASWAMY, Sridhar; WANG, Jing, Yu; XIAO, Yonghong; ZHOU, Yinghui
(74) DREW & NAPIER LLC
- (71) THE BOEING COMPANY; TOHOKU UNIVERSITY
(21) 10202301443T (22) 23/05/2023
(54) Damage Tolerant Cavitation Nozzle
(31) 17/856934 (32) 01/07/2022 (33) US
(72) DE SILVA, Kandaudage Channa Ruwan; SANDERS, Daniel Gordon; SHIMABUKURO, John K.; SOYAMA, Hitoshi
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(21) 10202303358V (22) 01/12/2021
(54) COMPOSITIONS AND USES THEREOF FOR TREATMENT OF ANGELMAN SYNDROME
(31) 63/119,860 (32) 01/12/2020 (33) US
(31) 63/179,807 (32) 26/04/2021 (33) US
(72) PERCIVAL, Justin; SCHMID, Ralf; WILSON, James, M.
(74) MARKS & CLERK SINGAPORE LLP
- (71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(21) 10202303472Y (22) 01/12/2021
(54) NOVEL COMPOSITIONS WITH TISSUE-SPECIFIC TARGETING MOTIFS AND COMPOSITIONS CONTAINING SAME
(31) 63/119,863 (32) 01/12/2020 (33) US
(72) WILSON, James, M.; SIMS, Joshua, Joyner; YUAN, Yuan
(74) MARKS & CLERK SINGAPORE LLP
- (71) THE UNIVERSITY OF NEWCASTLE
(21) 10202303288U (22) 21/06/2017
(54) TREATMENT FOR MYOPIA

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- (31) 2016902429 (32) 21/06/2016 (33) AU
(72) MCFADDEN, Sally Anne
(74) DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) TONIX PHARMA HOLDINGS LIMITED
(21) 10202303446R (22) 11/12/2018
(54) CYCLOBENZAPRINE TREATMENT FOR AGITATION, PSYCHOSIS AND COGNITIVE DECLINE
IN DEMENTIA AND NEURODEGENERATIVE CONDITIONS
(31) 62/597,284 (32) 11/12/2017 (33) US
(72) HARRIS, Herbert, W.; LEDERMAN, Seth
(74) Henry Goh (S) Pte Ltd
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10202300217Y (22) 27/01/2023
(54) HALL DESTINATION CONTROLLER
(31) 2022-095797 (32) 14/06/2022 (33) JP
(72) Takuya Hosokawa; Rika Kato; Hidemitsu Suzuki
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10202300239U (22) 30/01/2023
(54) ELEVATOR SYSTEM
(31) 2022-099006 (32) 20/06/2022 (33) JP
(72) Michiomi Abe
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10202300249T (22) 31/01/2023
(54) HALL DESTINATION CONTROLLER
(31) 2022-097972 (32) 17/06/2022 (33) JP
(72) Takuya Hosokawa; Hidemitsu Suzuki
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10202301671V (22) 13/06/2023
(54) DEVICE FOR MEASURING STEP BRAKING DISTANCE OF PASSENGER CONVEYOR AND
METHOD THEREFOR
(31) 2022-096350 (32) 15/06/2022 (33) JP
(72) KUGE, Keisuke
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA

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- (21) 10202301681T (22) 14/06/2023
(54) PASSENGER CONVEYOR SYSTEM AND MOVING BODY
(31) 2022-098707 (32) 20/06/2022 (33) JP
(72) AKIYAMA Ryosuke
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) TRIO LABS, INC.
(21) 10202303406Y (22) 06/03/2020
(54) METHOD AND APPARATUS FOR DIGITAL FABRICATION OF OBJECTS USING ACTUATED MICROPIXELATION AND DYNAMIC DENSITY CONTROL
(31) 62/817,431 (32) 12/03/2019 (33) US
(72) STEEGE, Adam T.C.
(74) DREW & NAPIER LLC
- (71) The Boeing Company
(21) 10202301433U (22) 23/05/2023
(54) Component Maintenance Prediction System With Behavior Modeling
(31) 17,806,025 (32) 08/06/2022 (33) US
(72) WANG, Changzhou; PUIGH, Darren; MACER, Darren Brian; YUAN, JUN; MAZAREK, Mark; QUACH, Lesley
(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) Tintra 3.0 Limited
(21) 10202301678X (22) 13/06/2023
(54) System and Method for Authentication and Association of Multi-Platform Accounts
(31) 2208742.3 (32) 14/06/2022 (33) GB
(31) 2209572.3 (32) 29/06/2022 (33) GB
(31) 17/857,090 (32) 04/07/2022 (33) US
(31) 18/126,423 (32) 25/03/2023 (33) US
(31) 18/195,754 (32) 10/05/2023 (33) US
(72) David Peter SMITH; Joseph Michael William LYSKE
(74) CANTAB IP PTE. LTD.
- (71) Tokyo Electron Limited
(21) 10202301588Q (22) 06/06/2023
(54) ETCHING METHOD AND PLASMA PROCESSING SYSTEM
(31) 2022-094167 (32) 10/06/2022 (33) JP
(31) 2023-061964 (32) 06/04/2023 (33) JP
(72) TAKAHASHI, Kae; TOMURA, Maju; KIHARA, Yoshihide; ARIMA, Noriyoshi
(74) RODYK IP
- (71) Toshiba Elevator Kabushiki Kaisha

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- (21) 10202301836Y (22) 27/06/2023
 (54) Structure For Attaching Front Skirt Of Passenger Conveyor
 (31) 2022-106902 (32) 01/07/2022 (33) JP
 (72) OKANO, Makoto
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) UNIVERSAL CITY STUDIOS LLC
 (21) 10202303621Q (22) 21/08/2018
 (54) LOCKER MANAGEMENT TECHNIQUES
 (31) 15/711,614 (32) 21/09/2017 (33) US
 (72) MCGEHEE, William, V.
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.
- (71) UNIVERSITÄT BERN
 (21) 10202303377S (22) 29/11/2017
 (54) NOVEL BICYCLIC NUCLEOSIDES AND OLIGOMERS PREPARED THEREFROM
 (31) 16201350.2 (32) 30/11/2016 (33) EP
 (72) LEUMANN, Christian; EVÉQUOZ, Damien
 (74) Amica Law LLC
- (71) Ultra-Wireless Pte Ltd
 (21) 10202250242J (22) 21/06/2022
 (54) COMPUTER-IMPLEMENTED METHOD AND DEVICE FOR MOBILE NODE TRACKING
 (72) BAJAJ Ian; WANG Lei; ZHOU Qianqian; NG Li Beng
 (74) MARKS & CLERK SINGAPORE LLP
- (71) United Microelectronics Corp.
 (21) 10202250230A (22) 20/06/2022
 (54) SEMICONDUCTOR STRUCTURE AND MANUFACTURING METHOD THEREOF
 (31) 202110725291.0 (32) 29/06/2021 (33) CN
 (72) ZHANG Sheng; QI Chunyuan; CHEN Xingxing; PANG Chien-Kee
 (74) Amica Law LLC
- (71) VACCINEX, INC.
 (21) 10202303308Y (22) 21/10/2014
 (54) Use Of Semaphorin-4D Binding Molecules For Treating Neurodegenerative Disorders
 (31) 61/893,814 (32) 21/10/2013 (33) US
 (31) 61/979,384 (32) 14/04/2014 (33) US
 (31) 62/012,805 (32) 16/06/2014 (33) US
 (72) SMITH, Ernest S.; ZAUDERER, Maurice; BOWERS, William J.; JONASON, Alan
 (74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

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(71) VERILY LIFE SCIENCES LLC

(21) 10202303429T (22) 24/07/2019

(54) SYSTEMS AND METHODS FOR CONTINUOUS INSECT PUPAE SENSING

(31) 62/703,085 (32) 25/07/2018 (33) US

(31) 16/520,017 (32) 23/07/2019 (33) US

(72) SHERIDAN, Martin; LIU, Jianyi; METLITZ, Matthew

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) VERSUM MATERIALS US, LLC

(21) 10202303392W (22) 28/05/2020

(54) NEW GROUP V AND VI TRANSITION METAL PRECURSORS FOR THIN FILM DEPOSITION

(31) 62/857,650 (32) 05/06/2019 (33) US

(72) LI, Guocan; IVANOV, Sergei V.; LEI, Xinjian; LI, Hongbo

(74) Donaldson & Burkinshaw LLP

(71) VFLOWTECH PTE. LTD.

(21) 10202301732Y (22) 19/06/2023

(54) INTERDIGITATED FLOW-FIELD WITH TAILORED HEADER FOR UNIFORM DISTRIBUTION OF ELECTROLYTE IN REDOX FLOW BATTERIES

(31) 10202250224U (32) 20/06/2022 (33) SG

(72) Arjun Bhattarai; Purna Chandra Ghimire; Ravi Ranjan; Gundla Palli Ravendra

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 10202303468T (22) 12/06/2019

(54) SYSTEM AND METHOD FOR AUTHORIZING A TRANSACTION

(72) GUPTA, Anurag

(74) SHOOK LIN & BOK LLP

(71) VOYAGER THERAPEUTICS, INC.

(21) 10202303461S (22) 15/12/2021

(54) TAU BINDING COMPOUNDS

(31) 63/126,024 (32) 16/12/2020 (33) US

(72) KURELLA, Vinodhbabu; LIU, Li; KAVANAGH, Dillon; CAPILI, Allan, D.; HOU, Jinzhao; CARTER, Todd; LIU, Wencheng

(74) DREW & NAPIER LLC

(71) Venti Technologies

(21) 10202250357T (22) 01/07/2022

(54) DOCKING SYSTEM AND METHODS FOR AUTONOMOUS VEHICLES

(72) QIN, Lei; ABOLFAZLI ESFAHANI, Mahdi; DU, Xinxin

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(74) MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) Visa International Service Association

(21) 10202301397Q (22) 18/05/2023

(54) SYSTEM AND METHOD FOR IMPLEMENTING ENHANCED PAYMENT ON DELIVERY

(31) 17/851,233 (32) 28/06/2022 (33) US

(72) Sam HAMILTON; Akon Samir DEY; Vaibhav Prakash GAJRE; Veerabhadraiah LINGADHALLI MATADHA

(74) Donaldson & Burkinshaw LLP

(71) WING AVIATION LLC

(21) 10202303602S (22) 15/02/2019

(54) PACKAGE LOADING MECHANISM

(31) 15/899,214 (32) 19/02/2018 (33) US

(72) PRAGER, Andre

(74) SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) Wuhan MEMSonics Technologies Co., Ltd.

(21) 10202301581Y (22) 05/06/2023

(54) FILM BULK ACOUSTIC WAVE RESONATOR AND PREPARATION METHOD THEREOF

(31) 202210643790.X (32) 08/06/2022 (33) CN

(72) SUN, Chengliang; CAI, Yao; SOON, Bowoon; DING, Zhipeng; LIN, Binghui

(74) BIRD & BIRD ATMD LLP

(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.

(21) 10202303544Q (22) 27/07/2018

(54) MULTIPLE-STACK THREE-DIMENSIONAL MEMORY DEVICE AND FABRICATION METHOD THEREOF

(72) LIU, Jun; HUO, Zongliang; XIAO, Lihong; LU, Zhenyu; TAO, Qian; HU, Yushi; LI, Sizhe; TANG, Zhaohui; ZHOU, Yuting; LI, Zhaosong

(74) YUSARN AUDREY LLC

(71) ZHANG, Dacheng

(21) 10202303598R (22) 11/10/2021

(54) METHOD FOR CREATING NON-FUNGIBLE TOKEN BY APPARATUS FOR CONTRACT TRANSACTIONS

(31) 202011104069.0 (32) 18/10/2020 (33) CN

(31) 202011457356.X (32) 13/12/2020 (33) CN

(31) 202110132451.0 (32) 31/01/2021 (33) CN

(72) CHEN, Jie;ZHANG, Chao;HOU, Dianjie;WANG, Xin;GUO, Zichuan;LIANG, Yao

(74) SIN CATHAY IP LLP

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- (71) ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
(21) 10202301596W (22) 07/06/2023
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(31) 202210646083.6 (32) 08/06/2022 (33) CN
(72) Kongsong CHEN; Menglei XU; Jie YANG; Xinyu ZHANG
(74) NANYANG LAW LLC
- (71) ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
(21) 10202301597R (22) 07/06/2023
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(31) 202210647861.3 (32) 08/06/2022 (33) CN
(72) Xiu FENG; Menglei XU; Jie YANG; Xinyu ZHANG
(74) NANYANG LAW LLC
- (71) ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
(21) 10202301711V (22) 16/06/2023
(54) SEMICONDUCTOR SUBSTRATE, SOLAR CELL, AND PHOTOVOLTAIC MODULE
(31) 202210704732.3 (32) 21/06/2022 (33) CN
(72) Huimin LI; Menglei XU; Jie YANG; Xinyu ZHANG
(74) NANYANG LAW LLC

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10202250106F	Iron Gaming Limited
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10202250119N	Nebulum Technologies Co., Ltd.
10202250123G	AEROGEL R&D PTE. LTD.
10202250139X	GP Network Asia Pte. Ltd.
10202250164R	SENSETIME INTERNATIONAL PTE. LTD.;NANYANG TECHNOLOGICAL UNIVERSITY
10202250175C	ImmunoScape Pte. Ltd.
10202250179Q	KAHA PTE. LTD.
10202250180K	KAHA PTE. LTD.
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10202250245Q	Lemon Inc.
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10202250316E	CENTURY WATER SYSTEMS & TECHNOLOGIES PTE LTD
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10202250353D	Panasonic Intellectual Property Corporation of America

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10202300239U	TOSHIBA ELEVATOR KABUSHIKI KAISHA
10202300249T	TOSHIBA ELEVATOR KABUSHIKI KAISHA
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10202301053V	Grabtaxi Holdings Pte. Ltd.
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10202301331S	ASMPT Singapore Pte. Ltd.
10202301342X	DISCO CORPORATION
10202301390U	Agency for Science, Technology and Research
10202301397Q	Visa International Service Association
10202301433U	The Boeing Company
10202301436R	SAMSUNG ELECTRONICS CO., LTD.
10202301443T	THE BOEING COMPANY;TOHOKU UNIVERSITY

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10202301500U	ASMPT SMT Singapore Pte. Ltd.
10202301506P	DISCO CORPORATION
10202301507Q	DISCO CORPORATION
10202301520T	Alipay (Hangzhou) Information Technology Co., Ltd.
10202301521R	Alipay (Hangzhou) Information Technology Co., Ltd.
10202301525W	General Electric Company;Oliver Crispin Robotics Limited
10202301527S	Alipay (Hangzhou) Information Technology Co., Ltd.
10202301537T	EXFO Oy
10202301542Q	Alipay (Hangzhou) Information Technology Co., Ltd.
10202301548T	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
10202301550V	Panasonic Intellectual Property Management Co., Ltd.
10202301565P	KABUSHIKI KAISHA TOP
10202301572X	DISCO CORPORATION
10202301573Q	DISCO CORPORATION
10202301574T	DISCO CORPORATION
10202301581Y	Wuhan MEMSonics Technologies Co., Ltd.

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10202301583U	RINNAI CORPORATION
10202301584S	Nanyang Technological University
10202301585V	RINNAI CORPORATION
10202301588Q	Tokyo Electron Limited
10202301596W	ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
10202301597R	ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
10202301608R	ANAM145
10202301614W	ETA GREEN POWER LIMITED
10202301666V	DISCO CORPORATION
10202301667W	JU YUH ENTERPRISE
10202301669P	Nozomi Networks Sagl
10202301671V	TOSHIBA ELEVATOR KABUSHIKI KAISHA
10202301678X	Tintra 3.0 Limited
10202301681T	TOSHIBA ELEVATOR KABUSHIKI KAISHA
10202301686W	KOKUSAI ELECTRIC CORPORATION
10202301704X	SAMSUNG ELECTRONICS CO., LTD.
10202301707S	CueZen Inc.

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10202301711V	ZHEJIANG JINKO SOLAR CO., LTD.;JINKO SOLAR CO., LTD.
10202301731P	Fujitsu Limited;Japan Medical Device Corporation;UT-Heart Inc.
10202301732Y	VFLOWTECH PTE. LTD.
10202301735U	GEORG FISCHER ROHRLEITUNGSSYSTEME AG
10202301740V	Afton Chemical Corporation
10202301771Y	DISCO CORPORATION
10202301772T	KOKUSAI ELECTRIC CORPORATION
10202301781U	APPEX NETWORKS PTE. LTD.
10202301782X	APPEX NETWORKS PTE. LTD.
10202301790P	ABB Schweiz AG
10202301794U	APPEX NETWORKS PTE. LTD.
10202301798T	SK enpulse Co., Ltd.
10202301799R	Nanyang Technological University
10202301810R	KANT OPTICAL PTE LTD.
10202301836Y	Toshiba Elevator Kabushiki Kaisha
10202301838X	APPEX NETWORKS PTE. LTD.

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10202301865W	Alipay (Hangzhou) Information Technology Co., Ltd.
10202301867S	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
10202301869Y	Bruker Switzerland AG
10202301871S	MAX CO., LTD.
10202301872Q	MAX CO., LTD.
10202302002T	HELIOS SCIENTIFIC PTE. LTD.
10202303045T	LYELL IMMUNOPHARMA, INC.
10202303125W	INTEL CORPORATION
10202303177W	PRAXAIR S.T. TECHNOLOGY, INC.
10202303201P	CELULARITY, INC.
10202303204Q	BECTON, DICKINSON AND COMPANY
10202303212T	ORION CORPORATION
10202303217P	LAM RESEARCH CORPORATION
10202303224R	REGENERON PHARMACEUTICALS, INC.
10202303229Q	ANGEL PLAYING CARDS CO., LTD.
10202303231S	Angel Playing Cards Co., Ltd.
10202303234U	MICROWAVE PACKAGING (S) PTE LTD

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10202303239R	SPACECRAFT SEVEN, LLC
10202303249P	REGENERON PHARMACEUTICALS, INC.
10202303255Q	Gilead Sciences, Inc.
10202303257R	HAI ROBOTICS CO., LTD.
10202303260Q	MERUS N.V.
10202303269V	LI Xiaoyan
10202303273S	LZLABS GMBH
10202303278W	CORNELL UNIVERSITY
10202303281R	MAGENTA THERAPEUTICS, INC.
10202303288U	THE UNIVERSITY OF NEWCASTLE
10202303303Q	RECURIUM IP HOLDINGS, LLC
10202303305S	Lenz Therapeutics, Inc.
10202303308Y	VACCINEX, INC.
10202303332S	GLOBAL BLOOD THERAPEUTICS, INC.
10202303341X	REGENERON PHARMACEUTICALS, INC.
10202303343Y	QUALCOMM INCORPORATED
10202303345R	PHARMACYCLICS LLC

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Numerical Index) - cont'd

10202303351P	PURETECH LYT 100, INC.
10202303355U	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
10202303358V	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
10202303365V	EDDY CURRENT LIMITED PARTNERSHIP
10202303376Q	Seagen Inc.
10202303377S	UNIVERSITÄT BERN
10202303379Y	ELTA SYSTEMS LTD.
10202303391V	QUALCOMM INCORPORATED
10202303392W	VERSUM MATERIALS US, LLC
10202303394R	ByHeart, Inc.
10202303397U	QED THERAPEUTICS, INC.
10202303398X	ARENA PHARMACEUTICALS, INC.
10202303400S	BAYER AKTIENGESELLSCHAFT
10202303402W	BASF AS
10202303403T	SENJU METAL INDUSTRY CO., LTD.
10202303405P	ILLUMINA, INC.
10202303406Y	TRIO LABS, INC.

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Numerical Index) - cont'd

10202303407U	Incyte Holdings Corporation
10202303417R	EAVOR TECHNOLOGIES INC.
10202303423Y	AIM IMMUNOTECH INC.
10202303426P	NATIONAL UNIVERSITY OF SINGAPORE
10202303429T	VERILY LIFE SCIENCES LLC
10202303437W	MESO SCALE TECHNOLOGIES, LLC
10202303438Y	HUAWEI TECHNOLOGIES CO., LTD.
10202303442T	SHIRE HUMAN GENETIC THERAPIES, INC.;ETHRIS GMBH
10202303443U	ABIOMED, INC.
10202303446R	TONIX PHARMA HOLDINGS LIMITED
10202303447P	NOVARTIS AG
10202303454X	RUBEDO LIFE SCIENCES, INC.
10202303461S	VOYAGER THERAPEUTICS, INC.
10202303468T	VISA INTERNATIONAL SERVICE ASSOCIATION
10202303469R	SERVATUS LTD
10202303471P	SAREPTA THERAPEUTICS, INC.;THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES;UNIVERSITY OF MARYLAND;THE PROGERIA RESEARCH FOUNDATION

APPLICATIONS PUBLISHED UNDER SECTION 27(1) (Numerical Index) - cont'd

10202303472Y	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
10202303481W	INHIBRX, INC.
10202303488R	GENZYME CORPORATION
10202303489V	ENTEGRIS, INC.
10202303491Q	ILLUMINA, INC.
10202303494P	Grand Advance Technologies Pte Ltd
10202303508Q	QUALCOMM INCORPORATED
10202303511S	AEROCORE TECHNOLOGIES LLC
10202303514U	IMMATICS BIOTECHNOLOGIES GMBH
10202303518T	MEXICHEM FLUOR S.A. DE C.V.
10202303531R	Bristol-Myers Squibb Company
10202303534X	GINKGO BIOWORKS, INC.
10202303536Q	REGENERON PHARMACEUTICALS, INC.
10202303538U	AVM BIOTECHNOLOGY, LLC
10202303541P	BEAM THERAPEUTICS INC.
10202303544Q	YANGTZE MEMORY TECHNOLOGIES CO., LTD.
10202303546T	DYNE THERAPEUTICS, INC.

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10202303548V	2D GENOMICS INC.
10202303549S	BECTON, DICKINSON AND COMPANY
10202303558X	TENEOBIO, INC.
10202303562R	BEAM THERAPEUTICS INC.
10202303569X	QUALCOMM INCORPORATED
10202303576W	IMMATICS BIOTECHNOLOGIES GMBH
10202303579U	KPR U.S., LLC
10202303582V	AIM IMMUNOTECH INC.
10202303598R	ZHANG, Dacheng
10202303602S	WING AVIATION LLC
10202303608P	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
10202303612X	EBARA CORPORATION
10202303621Q	UNIVERSAL CITY STUDIOS LLC
10202303624P	LYELL IMMUNOPHARMA, INC.
10202303626U	PFETCH, INC.
10202303628W	PFETCH, INC.

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10202303638X

TESARO, INC.

10202303639Q

ALPINE IMMUNE SCIENCES, INC.

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The following patents have been granted under the Patents Act (Cap 221).

Copies of the specification, the names of the proprietor and (if different) the inventor and any other matters (including the prescribed information under section 29 and 30 of the Patents Act) constituting or relating to the granted patent which in the Registrar's opinion it is desirable to publish, are available for public inspection via the Patents Open Dossier or upon payment of a fee (if unavailable via the Patents Open Dossier).

(71) 10644137 CANADA INC.

(21) 11201908766P (22) 22/03/2018 (47) 15/12/2023

(54) LED APPARATUS WITH INTEGRATED POWER SUPPLY AND A METHOD OF EMPLOYING SAME

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) 10X GENOMICS, INC.

(21) 11202100588S (22) 26/07/2019 (47) 21/12/2023

(54) SYSTEMS AND METHODS FOR METABOLOME ANALYSIS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) 800 SUPER WASTE MANAGEMENT PTE LTD

(21) 10202107532Y (22) 08/07/2021 (47) 06/12/2023

(54) Method And Apparatus For Waste Processing Of Mixed Waste

(74)ELOHIM LAW CORPORATION

(71) AAH HOLDINGS LLC

(21) 11202102457W (22) 17/10/2019 (47) 11/12/2023

(54) INDUCTIVE APPLICATOR COIL ARRANGEMENT FOR THERAPEUTICALLY TREATING HUMAN AND ANIMAL BODIES

(74)SHOOK LIN & BOK LLP

(71) AAK AB (PUBL)

(21) 11202110767V (22) 19/05/2020 (47) 21/12/2023

(54) INCREASING STABILITY OF LC-PUFA

(74)DREW & NAPIER LLC

(71) AB INITIO TECHNOLOGY LLC

(21) 10201903485W (22) 16/02/2016 (47) 13/12/2023

(54) QUERYING A DATA SOURCE ON A NETWORK

(74)PIZZEYS PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) ABBISKO THERAPEUTICS CO., LTD.

(21) 11202006409T (22) 29/01/2019 (47) 12/12/2023

(54) BIARYL DERIVATIVE, PREPARATION METHOD THEREFOR AND PHARMACEUTICAL USE THEREOF

(74)W.P. LAI & COMPANY

(71) ACSL Ltd.

(21) 10202010285Y (22) 17/10/2017 (47) 25/12/2023

(54) SYSTEM AND PROGRAM FOR SETTING FLIGHT PLAN ROUTE OF UNMANNED AERIAL VEHICLE

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ACT Genomics (IP) Limited

(21) 11201907280Q (22) 28/12/2018 (47) 21/12/2023

(54) METHOD AND SYSTEM FOR SEQUENCE ALIGNMENT AND VARIANT CALLING

(74)JOYCE A. TAN & PARTNERS LLC

(71) ACTIV'INSIDE

(21) 11202105223Y (22) 20/11/2019 (47) 13/12/2023

(54) SINGLE-DOSE USE OF A COMPOSITION COMPRISING A PARTICULAR MIXTURE OF GRAPE EXTRACT AND BLUEBERRY EXTRACT

(74)CANTAB IP PTE. LTD.

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.

(21) 11202010229V (22) 24/07/2019 (47) 22/12/2023

(54) DEVICE, COMBINATION OF DEVICES, SYSTEM, AND METHOD FOR PAYING TRANSPORTATION FARES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.

(21) 11202010627Q (22) 17/04/2019 (47) 06/12/2023

(54) METHOD AND APPARATUS FOR TRAINING ADAPTATION QUALITY EVALUATION MODEL, AND METHOD AND APPARATUS FOR EVALUATING ADAPTATION QUALITY

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.

(21) 11202100651X (22) 06/11/2019 (47) 04/12/2023

(54) METHOD AND SYSTEM FOR RECORDING LEDGER DATA ON A BLOCKCHAIN

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(21) 11202100857W (22) 26/09/2019 (47) 11/12/2023
(54) METHODS AND APPARATUSES FOR CONCEALING TRANSACTION WRITTEN TO
BLOCKCHAIN
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100920X (22) 30/10/2019 (47) 13/12/2023
(54) Invoice Access Method And Apparatus Based On Blockchain, And Electronic Device
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100968Y (22) 23/10/2019 (47) 21/12/2023
(54) METHOD AND APPARATUS FOR ESTABLISHING TRUSTED CHANNEL BETWEEN USER AND
TRUSTED COMPUTING CLUSTER
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202104056Y (22) 31/01/2020 (47) 13/12/2023
(54) BLOCKCHAIN-BASED RESOURCE ALLOCATION METHOD AND APPARATUS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) AFIMMUNE LIMITED
(21) 11201805149X (22) 19/12/2016 (47) 08/12/2023
(54) COMPOSITIONS COMPRISING 15-HEPE AND METHODS OF USING THE SAME
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201703346P (22) 27/10/2015 (47) 11/12/2023
(54) ANTI-TIM-3 ANTIBODIES
(74)YUSARN AUDREY LLC

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 10201803042P (22) 27/10/2015 (47) 11/12/2023
(54) ANTI-TIM-3 ANTIBODIES
(74)YUSARN AUDREY LLC

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201902655T (22) 12/10/2017 (47) 11/12/2023
(54) METHOD FOR LYOPHILISING AN EXOSOME
(74)CANTAB IP PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201909042Q (22) 29/03/2018 (47) 21/12/2023
(54) TRAJECTORY ESTIMATION SYSTEM AND METHOD
(74)DONALDSON & BURKINSHAW LLP
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202007021V (22) 28/03/2019 (47) 13/12/2023
(54) METHOD AND SYSTEM FOR PREDICTING A PORT-STAY DURATION OF A VESSEL AT A PORT
(74)VIERING, JENTSCHURA & PARTNER LLP
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202013146X (22) 30/07/2019 (47) 25/12/2023
(54) STRUCTURAL HEALTH MONITORING METHOD AND SYSTEM
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202107642V (22) 21/01/2020 (47) 28/12/2023
(54) A COMPARATOR FOR CONTROLLING DEAD-TIME BETWEEN SWITCHING TRANSISTORS
(74)ALLEN & GLEDHILL LLP
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202108828S (22) 16/03/2020 (47) 25/12/2023
(54) STRUCTURAL HEALTH MONITORING METHOD AND SYSTEM
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202205349P (22) 27/11/2020 (47) 14/12/2023
(54) A METHOD TO SYNTHESIZE A POROUS CARBON-SULFUR COMPOSITE CATHODE FOR A SODIUM-SULFUR BATTERY
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202012848P (22) 24/02/2020 (47) 15/12/2023
(54) BLOCKCHAIN-BASED CONSENSUS PROCESS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 11202102370V (22) 12/06/2020 (47) 21/12/2023
(54) STORAGE MANAGEMENT BASED ON MESSAGE FEEDBACK

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(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ALIPAY LABS (SINGAPORE) PTE. LTD.

(21) 10202200107W (22) 06/01/2022 (47) 20/12/2023

(54) METHODS AND DEVICES FOR VERIFYING VALIDITY OF TOKEN RECORDED ON BLOCKCHAIN

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ALLIGATOR BIOSCIENCE AB

(21) 11201904436P (22) 21/11/2017 (47) 22/12/2023

(54) NOVEL ANTI_CD137 ANTIBODIES AND USES THEREOF

(74)CANTAB IP PTE. LTD.

(71) AMOREPACIFIC CORPORATION

(21) 11202110333T (22) 13/05/2020 (47) 22/12/2023

(54) ULTRAVIOLET LIGHT BLOCKING COMPOSITION COMPRISING BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE COMPOSITE FORMULATION

(74)BIRD & BIRD ATMD LLP

(71) ANGEL PLAYING CARDS CO., LTD.

(21) 11201907341Q (22) 09/02/2018 (47) 21/12/2023

(54) GAME TOKEN TRAY, TABLE GAME MANAGEMENT SYSTEM, GAME TOKEN TRAY SYSTEM, AND GAME TOKEN MANAGEMENT METHOD

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) APPLIED MATERIALS, INC.

(21) 11201902232Y (22) 02/10/2017 (47) 22/12/2023

(54) METHODS AND DEVICES USING PVD RUTHENIUM

(74)DREW & NAPIER LLC

(71) APPLIED MATERIALS, INC.

(21) 11202109317Q (22) 10/03/2020 (47) 14/12/2023

(54) ANIONIC POLISHING PADS FORMED BY PRINTING PROCESSES

(74)DREW & NAPIER LLC

(71) ARAGON PHARMACEUTICALS, INC.;SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH

(21) 10201610248S (22) 04/06/2013 (47) 22/12/2023

(54) CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR

(74)DREW & NAPIER LLC

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) ARAGON PHARMACEUTICALS, INC.;SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH

(21) 10201610249T (22) 04/06/2013 (47) 12/12/2023

(54) CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR

(74)DREW & NAPIER LLC

(71) ARCELLX, INC.

(21) 11202003168W (22) 14/11/2018 (47) 13/12/2023

(54) MULTIFUNCTIONAL IMMUNE CELL THERAPIES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA

(21) 11201905391W (22) 03/11/2017 (47) 18/12/2023

(54) ENCAPSULATION DEVICE SYSTEMS WITH OXYGEN SENSORS WITH OR WITHOUT EXOGENOUS OXYGEN DELIVERY

(74)PINTAS-IPHOUSE PTE. LTD.

(71) ARLANXEO SINGAPORE PTE. LTD.

(21) 10201810330X (22) 22/12/2014 (47) 28/12/2023

(54) RUBBERS WITH TUNABLE LEVELS OF METAL CONTAINING ANTI-AGGLOMERANTS

(74)DREW & NAPIER LLC

(71) ARUN AGARWAL;SONIA AGARWAL

(21) 11202100103Y (22) 11/04/2020 (47) 21/12/2023

(54) A SMART AND SECURE LABEL STOCK

(74)AMICA LAW LLC

(71) ASA-ENERGIE GMBH

(21) 11202205025R (22) 20/11/2020 (47) 04/12/2023

(54) ELECTROLYTIC REACTION SYSTEM FOR PRODUCING GASEOUS HYDROGEN AND OXYGEN

(74)ALLEN & GLEDHILL LLP

(71) ASMPT Singapore Pte. Ltd.

(21) 10202002353W (22) 13/03/2020 (47) 14/12/2023

(54) AUTOMATED PARTICLE REMOVAL SYSTEM

(74)DREW & NAPIER LLC

(71) AVACTA LIFE SCIENCES LIMITED

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(21) 11201912298Q (22) 02/07/2018 (47) 13/12/2023
(54) SCAFFOLD PROTEINS
(74)CANTAB IP PTE. LTD.

(71) AZUL 3D, INC.
(21) 11202110863T (22) 09/04/2020 (47) 04/12/2023
(54) METHODOLOGIES TO RAPIDLY CURE AND COAT PARTS PRODUCED BY ADDITIVE
MANUFACTURING
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Accenture Global Solutions Limited
(21) 10201905038S (22) 03/06/2019 (47) 21/12/2023
(54) PLATFORM FOR DETECTING BYPASS OF AN AUTHENTICATION SYSTEM
(74)ALLEN & GLEDHILL LLP

(71) Accenture Global Solutions Limited
(21) 10202106548R (22) 17/06/2021 (47) 06/12/2023
(54) DETERMINATION OF TASK AUTOMATION USING AN ARTIFICIAL INTELLIGENCE MODEL
(74)DREW & NAPIER LLC

(71) Advanced New Technologies Co., Ltd.
(21) 11202004735Y (22) 18/01/2019 (47) 06/12/2023
(54) FUND FLOW METHOD AND APPARATUS, AND ELECTRONIC DEVICE
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Advanced New Technologies Co., Ltd.
(21) 11202006135T (22) 31/01/2019 (47) 22/12/2023
(54) METHOD, SYSTEM AND SERVER FOR UTILIZING BARCODE
(74)ALLEN & GLEDHILL LLP

(71) Advanced New Technologies Co., Ltd.
(21) 10202101238P (22) 24/07/2017 (47) 20/12/2023
(54) SERVICE DISPLAYING METHOD AND TERMINAL
(74)MARKS & CLERK SINGAPORE LLP

(71) Advanced New Technologies Co., Ltd.
(21) 10202101528X (22) 27/11/2018 (47) 07/12/2023
(54) SYSTEM AND METHOD FOR INFORMATION PROTECTION
(74)MARKS & CLERK SINGAPORE LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) Advanced New Technologies Co., Ltd.

(21) 10202101952X (22) 10/04/2017 (47) 18/12/2023

(54) AUTOMATIC LOGIN METHOD AND DEVICE BETWEEN MULTIPLE WEBSITES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Align Technology, Inc.

(21) 10201902118R (22) 10/05/2013 (47) 21/12/2023

(54) MULTI-LAYER FILM WITH IMPROVED MODULUS PROPERTIES

(74)PIZZEYS PTE. LTD.

(71) Alipay (Hangzhou) Information Technology Co., Ltd.

(21) 10202106569Y (22) 18/06/2021 (47) 15/12/2023

(54) BLOCKCHAIN-BASED RESOURCE TRANSACTION METHODS, APPARATUSES, AND SYSTEMS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Alipay (Hangzhou) Information Technology Co., Ltd.

(21) 10202107536T (22) 09/07/2021 (47) 21/12/2023

(54) BLOCKCHAIN SYSTEMS, AND MESSAGE TRANSMISSION METHODS AND APPARATUSES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Alipay Labs (Singapore) Pte. Ltd.

(21) 10202200105S (22) 06/01/2022 (47) 26/12/2023

(54) Methods And Devices For Verifying Validity Of Signature Attribute Of Asset Represented By Token Recorded On Blockchain

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Amgen Inc.

(21) 10201806093U (22) 29/08/2012 (47) 13/12/2023

(54) METHODS AND APPARATI FOR NONDESTRUCTIVE DETECTION OF UNDISSOLVED PARTICLES IN A FLUID

(74)MARKS & CLERK SINGAPORE LLP

(71) BASF SE;WAYNE STATE UNIVERSITY

(21) 11202005470S (22) 09/11/2018 (47) 08/12/2023

(54) PROCESS FOR THE GENERATION OF METAL-CONTAINING FILMS

(74)DREW & NAPIER LLC

(71) BEIJING ADAMADLE BIOTECHNOLOGY LIMITED LIABILITY COMPANY

(21) 11201911052Y (22) 13/06/2018 (47) 13/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) AMINOPYRIMIDINE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF

(74)MCLAUGHLIN IP PTE LTD

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

(21) 11202012602Y (22) 27/05/2019 (47) 25/12/2023

(54) METHOD, DEVICE AND EQUIPMENT FOR LAUNCHING AN APPLICATION

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

(21) 11202253556F (22) 24/02/2021 (47) 21/12/2023

(54) METHOD AND APPARATUS FOR PROCESSING THREE-DIMENSIONAL VIDEO, READABLE STORAGE MEDIUM AND ELECTRONIC DEVICE

(74)MARKS & CLERK SINGAPORE LLP

(71) BEIJING MICROLIVE VISION TECHNOLOGY CO., LTD

(21) 11202010299Q (22) 28/12/2018 (47) 25/12/2023

(54) METHOD AND APPARATUS FOR SWITCHING GLOBAL SPECIAL EFFECTS, TERMINAL DEVICE, AND STORAGE MEDIUM

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.

(21) 11202104119P (22) 28/10/2019 (47) 25/12/2023

(54) LINER ASSEMBLY, REACTION CHAMBER AND SEMICONDUCTOR PROCESSING APPARATUS

(74)ALLEN & GLEDHILL LLP

(71) BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.

(21) 11202303141X (22) 21/10/2021 (47) 25/12/2023

(54) SEMICONDUCTOR PROCESS APPARATUS AND PROCESS CHAMBER

(74)Allen & Gledhill LLP

(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.

(21) 11202002549W (22) 25/04/2018 (47) 12/12/2023

(54) DRIVING STATE MONITORING METHODS AND APPARATUSES, DRIVER MONITORING SYSTEMS, AND VEHICLES

(74)ONE LEGAL LLC

(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.

(21) 11202005080V (22) 11/04/2019 (47) 25/12/2023

(54) METHOD, APPARATUS AND SYSTEM FOR LIVENESS DETECTION, ELECTRONIC DEVICE, AND STORAGE MEDIUM

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)ONE LEGAL LLC

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202011126V (22) 10/05/2018 (47) 12/12/2023

(54) METHODS AND APPARATUSES FOR TRANSMITTING INFORMATION

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202102510W (22) 08/08/2018 (47) 25/12/2023

(54) HYBRID AUTOMATIC REPEAT REQUEST (HARQ) FEEDBACK METHOD AND APPARATUS

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.

(21) 11202104511Q (22) 12/11/2018 (47) 13/12/2023

(54) BANDWIDTH PART CONFIGURATION METHOD AND DEVICE

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.

(21) 11201906704P (22) 15/01/2018 (47) 25/12/2023

(54) NBC FILTER UNIT WITH VENTILATION BYPASS

(74)ELLA CHEONG LLC

(71) BEYELER, Patrick G.

(21) 11202106019S (22) 25/08/2020 (47) 11/12/2023

(54) ACCELERATION PROTECTION TROUSERS

(74)HENRY GOH (S) PTE LTD

(71) BIAL - R&D Investments, S.A.

(21) 11201808830Y (22) 06/04/2017 (47) 12/12/2023

(54) PYRAZOLO[1,5-A]PYRIMIDINYL CARBOXAMIDE COMPOUNDS AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) BIOFIRE DIAGNOSTICS, LLC.

(21) 10201903916V (22) 09/09/2013 (47) 22/12/2023

(54) MULTIPLE AMPLIFICATION CYCLE DETECTION

(74)ALLEN & GLEDHILL LLP

(71) BLINK AG

(21) 11202250247Y (22) 15/12/2020 (47) 08/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) A LIBRARY OF PREFABRICATED MICROPARTICLES AND PRECURSORS THEREOF
(74)PIZZEYS PTE. LTD.

(71) BOSCH CORPORATION

(21) 11201807958U (22) 09/02/2017 (47) 21/12/2023

(54) FILTER REGENERATION SYSTEM, ECU, AND FILTER REGENERATION PROGRAM

(74)RODYK IP

(71) BRAIN CORPORATION

(21) 11201907368S (22) 08/02/2018 (47) 21/12/2023

(54) SYSTEMS AND METHODS FOR ROBOTIC MOBILE PLATFORMS

(74)DREW & NAPIER LLC

(71) BRISTOL-MYERS SQUIBB COMPANY

(21) 11202108792W (22) 14/02/2020 (47) 12/12/2023

(54) SUBSTITUTED BICYCLIC COMPOUNDS AS FARNESOID X RECEPTOR MODULATORS

(74)RODYK IP

(71) BROADRIDGE FIXED INCOME LIQUIDITY SOLUTIONS, LLC

(21) 11202109434U (22) 28/02/2020 (47) 23/12/2023

(54) COMPUTER PLATFORMS DESIGNED FOR IMPROVED ELECTRONIC EXECUTION OF
ELECTRONIC TRANSACTIONS AND METHODS OF USE THEREOF

(74)ALLEN & GLEDHILL LLP

(71) BROTHER KOGYO KABUSHIKI KAISHA

(21) 11202009640P (22) 03/04/2020 (47) 21/12/2023

(54) LIQUID CARTRIDGE

(74)ALLEN & GLEDHILL LLP

(71) BROTHER KOGYO KABUSHIKI KAISHA

(21) 11202009653S (22) 03/04/2020 (47) 22/12/2023

(54) LIQUID CARTRIDGE

(74)ALLEN & GLEDHILL LLP

(71) Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.

(21) 11201903084U (22) 30/09/2017 (47) 06/12/2023

(54) CYSTEINE MODIFIED ANTIBODY-DRUG CONJUGATE AND PREPARATION METHOD
THEREOF

(74)FPA PATENT ATTORNEYS ASIA PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (71) Beijing Bytedance Network Technology Co., Ltd.;Bytedance Inc.
(21) 11202110999P (22) 22/04/2020 (47) 07/12/2023
(54) METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
(74)MARKS & CLERK SINGAPORE LLP
- (71) Beijing Bytedance Network Technology Co., Ltd.;Bytedance Inc.
(21) 11202200701Y (22) 27/07/2020 (47) 08/12/2023
(54) DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
(74)MARKS & CLERK SINGAPORE LLP
- (71) Bytedance Inc.
(21) 11202114111T (22) 28/06/2020 (47) 14/12/2023
(54) CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
(74)MARKS & CLERK SINGAPORE LLP
- (71) Bytedance Inc.
(21) 11202114123Y (22) 28/06/2020 (47) 26/12/2023
(54) TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
(74)MARKS & CLERK SINGAPORE LLP
- (71) CARBOFEX OY
(21) 11202110715Q (22) 07/04/2020 (47) 12/12/2023
(54) METHOD AND APPARATUS FOR THE MANUFACTURING OF NON-ENERGENT BIOCOAL WITH THERMAL TREATMENT
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) CAROMA INDUSTRIES LIMITED;MICAS AG
(21) 11202012989V (22) 10/07/2019 (47) 11/12/2023
(54) WATER FLOW MANAGEMENT SYSTEM
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) CARRIER CORPORATION
(21) 10202103551U (22) 08/02/2019 (47) 25/12/2023
(54) TRANSPORT REFRIGERATION UNIT WITH A RENEWABLE ENERGY SOURCE AND METHOD OF OPERATION
(74)DREW & NAPIER LLC
- (71) CENTRAL SOUTH UNIVERSITY
(21) 11202103099T (22) 22/07/2020 (47) 14/12/2023
(54) METHOD, SYSTEM AND STORAGE MEDIUM FOR CALCULATING TUNNEL PASSING DURATION OF TRAIN

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)MCLAUGHLIN IP PTE LTD

(71) CERECIN INC.

(21) 11201908457W

(22) 15/03/2018

(47) 04/12/2023

(54) PHARMACEUTICAL COMPOSITIONS HAVING HIGH DRUG LOADINGS OF MEDIUM CHAIN TRIGLYCERIDES AND METHODS RELATED THERETO

(74)DREW & NAPIER LLC

(71) CHANGZHOU MINGSEAL ROBOT TECHNOLOGY CO., LTD.;MINGSEAL ROBOT TECHNOLOGY (DONGGUAN) CO., LTD.

(21) 11202305716S

(22) 18/01/2022

(47) 11/12/2023

(54) ADHESIVE-DISPENSING AND ATTACHING DEVICE FOR WORKPIECE

(74)Henry Goh (S) Pte Ltd

(71) CHEMSIL SILICONES, INC.

(21) 11202009364Q

(22) 06/03/2019

(47) 12/12/2023

(54) INTIMATE CARE LUBRICANT COMPOSITIONS AND METHODS FOR MAKING SAME

(74)HENRY GOH (S) PTE LTD

(71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE;CHINA MOBILE COMMUNICATIONS GROUP CO.,LTD.

(21) 11202011898Q

(22) 28/04/2019

(47) 06/12/2023

(54) INFORMATION REPORTING METHOD, INFORMATION REPORTING CONFIGURATION METHOD, USER EQUIPMENT AND NETWORK SIDE DEVICE

(74)ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) CHINA PETROLEUM & CHEMICAL CORPORATION;RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC

(21) 11202204573U

(22) 30/10/2020

(47) 21/12/2023

(54) PROCESS AND SYSTEM FOR PROCESSING AROMATICS-RICH FRACTION OIL

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) CHINA PETROLEUM & CHEMICAL CORPORATION;RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC

(21) 11202204609P

(22) 30/10/2020

(47) 25/12/2023

(54) PROCESS AND SYSTEM FOR HYDROTREATING DEOILED ASPHALT

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD.

(21) 11202100676X

(22) 26/04/2019

(47) 21/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) ASSEMBLY AND DISASSEMBLY-FREE PIPELINE SYSTEM FOR PIPE JACKING MACHINE,
AND CONSTRUCTION METHOD THEREFOR
(74)SYNERGY IP PTE LTD

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11202105302P (22) 30/03/2021 (47) 26/12/2023

(54) DLL3-TARGETING MULTISPECIFIC ANTIGEN-BINDING MOLECULES AND USES THEREOF
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) COLHURST COVERS, LLC
(21) 11202253402X (22) 18/03/2021 (47) 12/12/2023
(54) CONTAINER COVER, DISPENSER AND METHOD OF USE
(74)SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) COLOREEL GROUP AB
(21) 11202102447U (22) 28/08/2019 (47) 09/12/2023
(54) A SYSTEM FOR IN-LINE TREATMENT OF THREAD WITH A MECHANISM TO SELECTIVELY
POSITION A DISCHARGE DEVICE
(74)ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) COLOREEL GROUP AB
(21) 11202102449Q (22) 27/08/2019 (47) 09/12/2023
(54) A METHOD FOR IN-LINE TREATMENT OF A THREAD AND A SYSTEM THEREFORE
COMPRISING A TREATMENT UNIT AND A THREAD SPEED SENSOR
(74)ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) CORNELL UNIVERSITY
(21) 11201811482Y (22) 22/06/2017 (47) 13/12/2023
(54) DOUBLE TARGETED CONSTRUCTS TO AFFECT TUMOR KILL
(74)VIERING, JENTSCHURA & PARTNER LLP

(71) CORNING INCORPORATED
(21) 10201705439Y (22) 22/11/2013 (47) 21/12/2023
(54) GLASS CONTAINERS WITH DELAMINATION RESISTANCE AND IMPROVED DAMAGE
TOLERANCE
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) COUPANG CORP.
(21) 11202011489X (22) 31/03/2020 (47) 11/12/2023
(54) SYSTEM AND METHOD FOR COMPUTER-IMPLEMENTED ARTIFICIAL INTELLIGENCE
BATCH PICKING OPTIMIZATION AND COMMUNICATION

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DREW & NAPIER LLC

(71) CRESCENDO BIOLOGICS LIMITED

(21) 11202003912R (22) 13/11/2018 (47) 22/12/2023

(54) Single Domain Antibodies that Bind to CD137

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) CRRC QINGDAO SIFANG CO., LTD.

(21) 11202010524R (22) 10/09/2019 (47) 21/12/2023

(54) CAB ROOF STRUCTURE, CAB AND RAIL TRAIN

(74)PINTAS-IPHOUSE PTE. LTD.

(71) CUBICSTARS, INC.

(21) 11201908579P (22) 15/03/2018 (47) 21/12/2023

(54) METHOD FOR PRODUCING COMPLEX OF RNA MOLECULE AND PEPTIDE, AND UTILIZATION THEREOF

(74)NANYANG LAW LLC

(71) CYBEROPTICS CORPORATION

(21) 11202009969V (22) 10/04/2019 (47) 14/12/2023

(54) INLINE PARTICLE SENSOR

(74)FPA PATENT ATTORNEYS ASIA PTE. LTD.

(71) China Architecture Design & Research Group Co., Ltd

(21) 10202250965W (22) 10/09/2022 (47) 30/12/2023

(54) Near-Zero Carbon Sewage Ecological Treatment System and Method

(74)Synergy IP Pte. Ltd.

(71) D.A.CONSORTIUM INC.

(21) 11201910789R (22) 01/06/2018 (47) 14/12/2023

(54) INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(74)MARKS & CLERK SINGAPORE LLP

(71) DAEWOONG PHARMACEUTICAL CO., LTD.

(21) 11201906436V (22) 07/02/2018 (47) 12/12/2023

(54) NOVEL HETEROCYCLIC COMPOUND, ITS PREPARATION METHOD, AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

(74)MARKS & CLERK SINGAPORE LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) DAICEL CORPORATION

(21) 11202107484V (22) 10/02/2020 (47) 04/12/2023

(54) SURFACE-MODIFIED NANODIAMOND, NANODIAMOND DISPERSION COMPOSITION, AND SURFACE-MODIFIED NANODIAMOND PRODUCTION METHOD

(74) ONE LEGAL LLC

(71) DAIKIN INDUSTRIES, LTD.

(21) 11202102181X (22) 03/09/2019 (47) 15/12/2023

(54) AIR CONDITIONER CONTROL DEVICE AND AIR CONDITIONER APPARATUS

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DAIKIN INDUSTRIES, LTD.

(21) 11202107962Y (22) 28/01/2020 (47) 12/12/2023

(54) INSIDE AIR-CONDITIONING DEVICE

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DANA-FARBER CANCER INSTITUTE, INC.

(21) 11201804597T (22) 05/12/2016 (47) 25/12/2023

(54) VACCINATION WITH MICA/B ALPHA 3 DOMAIN FOR THE TREATMENT OF CANCER

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DELTA ELECTRONICS INT'L (SINGAPORE) PTE LTD

(21) 10201810791T (22) 30/11/2018 (47) 20/12/2023

(54) PACKAGE STRUCTURE AND POWER MODULE USING SAME

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) DENNEROLL HOLDINGS PTY LTD

(21) 11202102964S (22) 09/10/2019 (47) 21/12/2023

(54) CAVITY CONTOUR PILLOW

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) DOC MEDIKUS GMBH

(21) 11202009282X (22) 26/03/2019 (47) 08/12/2023

(54) DEVICE AND METHOD FOR MICRO-PET OR MICRO-SPECT OF A CELL CULTURE

(74) DREW & NAPIER LLC

(71) DOLBY INTERNATIONAL AB

(21) 10202005270Y (22) 23/06/2011 (47) 27/12/2023

(54) SELECTIVE BASS POST FILTER

(74) PYPRUS PTE LTD

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202113797S (22) 08/06/2020 (47) 21/12/2023

(54) METHODS FOR OPERATING INTEGRATED CHEMICAL PROCESSING SYSTEMS FOR PRODUCING OLEFINS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202250681K (22) 27/12/2019 (47) 14/12/2023

(54) CURABLE COMPOSITIONS COMPRISING UNSATURATED POLYOLEFINS

(74)SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) DOW GLOBAL TECHNOLOGIES LLC

(21) 11202102220P (22) 11/09/2019 (47) 29/12/2023

(54) SYNTHESIS OF SUBSTITUTED CYCLOPENTADIENE COMPOUNDS AND METALLOCENES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DOW GLOBAL TECHNOLOGIES LLC;THE TEXAS A&M UNIVERSITY SYSTEM

(21) 11202111068W (22) 30/04/2020 (47) 08/12/2023

(54) ALKENE FUNCTIONALIZED ACTIVATORS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) DYSON TECHNOLOGY LIMITED

(21) 11202012120V (22) 12/06/2019 (47) 06/12/2023

(54) A MOBILE ROBOT AND METHOD OF CONTROLLING THEREOF

(74)JURISASIA LLC

(71) Drupps AB

(21) 11202107466V (22) 05/02/2020 (47) 13/12/2023

(54) DEVICE FOR CONTINUOUS AND EFFICIENT WATER ABSORPTION AND REGENERATION OF DESICCANT, AN AIR COOLER, AND A METHOD FOR CONTROLLING SUCH A DEVICE

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) EAGLEBURGMANN GERMANY GMBH & CO. KG

(21) 11202011291U (22) 09/05/2019 (47) 14/12/2023

(54) COMPENSATOR ARRANGEMENT FOR TRANSPORT SYSTEMS

(74)DREW & NAPIER LLC

(71) EATON INTELLIGENT POWER LIMITED

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 11202004989P (22) 28/11/2018 (47) 06/12/2023
(54) MODULAR LED LIGHT
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) EAVOR TECHNOLOGIES INC.
(21) 11202005041V (22) 28/05/2019 (47) 21/12/2023
(54) METHOD FOR FORMING HIGH EFFICIENCY GEOTHERMAL WELLBORES
(74)NANYANG LAW LLC
- (71) EBARA CORPORATION
(21) 10201907130Y (22) 02/08/2019 (47) 06/12/2023
(54) APPARATUS FOR POLISHING AND METHOD FOR POLISHING
(74)LEE & LEE
- (71) EJOT SE & CO. KG
(21) 11202012665X (22) 21/06/2019 (47) 12/12/2023
(54) SCREW FOR SCREWING INTO PLASTIC
(74)ALLIED INTUIT PTE. LTD.
- (71) ELI LILLY AND COMPANY
(21) 10201609717Y (22) 07/03/2014 (47) 22/12/2023
(54) AZETIDINYOXYPHENYLPYRROLIDINE COMPOUNDS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) ELICIO THERAPEUTICS INC.
(21) 11202008433Q (22) 01/03/2019 (47) 04/12/2023
(54) COMPOUNDS INCLUDING A MUTANT KRAS SEQUENCE AND A LIPID AND USES THEREOF
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) ELTA SYSTEMS LTD.
(21) 11202106228V (22) 14/01/2020 (47) 20/12/2023
(54) SYSTEM AND METHOD FOR CHARACTERIZING PROPERTIES OF EM SIGNALS
(74)MARKS & CLERK SINGAPORE LLP
- (71) ENVISION DIGITAL INTERNATIONAL PTE. LTD.;SHANGHAI ENVISION DIGITAL CO., LTD.
(21) 11202250196B (22) 08/12/2020 (47) 07/12/2023
(54) METHOD AND APPARATUS FOR DETECTING YAW-TO-WIND ABNORMALITY, AND DEVICE AND STORAGE MEDIUM THEREOF
(74)YUSARN AUDREY LLC

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) EOS BIOMATERIALS INC.

(21) 10202105395Y (22) 21/05/2021 (47) 18/12/2023

(54) COMPOSITION OF A DRUG CARRIER, PHARMACEUTICAL COMPOSITION THEREOF, PREPARATION METHOD AND USE METHOD THEREOF

(74) ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) EPIAXIS THERAPEUTICS PTY LTD

(21) 11201901624R (22) 07/09/2017 (47) 13/12/2023

(54) LYSINE SPECIFIC HISTONE DEMETHYLASE-1 INHIBITORS AND USES THEREFOR

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) ESCO ASTER PTE. LTD.

(21) 11202203663P (22) 13/10/2020 (47) 31/12/2023

(54) SYNTHESIS OF 6-METHYL-N1-(4-(PYRIDIN-3-YL)PYRIMIDIN-2-YL)BENZENE-1,3-DIAMINE

(74) WITHERS KHATTARWONG LLP

(71) EURODRILL GmbH

(21) 10202114256P (22) 22/12/2021 (47) 12/12/2023

(54) ROTARY DRIVE ARRANGEMENT FOR A DRILL ROD

(74) SCHWEIGER & PARTNERS PTE. LTD.

(71) EV GROUP E. THALLNER GMBH

(21) 11201907720R (22) 20/03/2017 (47) 06/12/2023

(54) METHOD FOR THE ALIGNMENT OF TWO SUBSTRATES

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) EV GROUP E. THALLNER GMBH

(21) 11201910620T (22) 27/02/2018 (47) 15/12/2023

(54) MARK FIELD, METHOD AND DEVICE FOR DETERMINING POSITIONS

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) EVONIK OPERATIONS GMBH

(21) 11202200239P (22) 13/07/2020 (47) 22/12/2023

(54) USE OF POLYMERIC-INORGANIC NANOPARTICLE COMPOSITIONS AS HEAT TRANSFER FLUIDS IN BATTERY OR OTHER ELECTRICAL EQUIPMENT SYSTEMS

(74) DONALDSON & BURKINSHAW LLP

(71) EVONIK OPERATIONS GMBH

(21) 11202200241Y (22) 13/07/2020 (47) 12/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) USE OF NANOPARTICLE COMPOSITIONS AS HEAT TRANSFER FLUIDS IN BATTERY OR OTHER ELECTRICAL EQUIPMENT SYSTEMS

(74)DONALDSON & BURKINSHAW LLP

(71) EXXONMOBIL CHEMICAL PATENTS INC.

(21) 11201908217S (22) 07/02/2018 (47) 21/12/2023

(54) PROCESS FOR PRODUCING POLYETHYLENE POLYMERS

(74)AMICA LAW LLC

(71) Ebara Corporation

(21) 10201909536Y (22) 11/10/2019 (47) 06/12/2023

(54) DETOXIFYING DEVICE, METHOD OF REPLACING PIPING SECTION OF DETOXIFYING DEVICE, AND METHOD OF CLEANING PIPING OF DETOXIFYING DEVICE

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Evonik Operations GmbH

(21) 11202100020Y (22) 25/09/2020 (47) 12/12/2023

(54) CATALYTIC REACTOR

(74)DONALDSON & BURKINSHAW LLP

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202005402U (22) 08/06/2020 (47) 13/12/2023

(54) PROCESS FOR PREPARING CARBOXYLIC ACIDS OR SALTS THEREOF FROM HYDROCARBONS

(74)Donaldson & Burkinshaw LLP

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202203638T (22) 08/04/2022 (47) 15/12/2023

(54) Process for preparing biphenyl-2,2'-diols

(74)Donaldson & Burkinshaw LLP

(71) Evonik Oxeno GmbH & Co. KG

(21) 10202203640R (22) 08/04/2022 (47) 07/12/2023

(54) Mixture of bisphosphites having an open and a closed outer unit and the use thereof as a catalyst mixture in hydroformylation

(74)Donaldson & Burkinshaw LLP

(71) F. HOFFMANN-LA ROCHE AG

(21) 11202110402U (22) 27/04/2020 (47) 11/12/2023

(54) CONTINUOUS ANALYTE SENSOR WITH MAGNETIC ACTIVATION

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) F. HOFFMANN-LA ROCHE AG

(21) 11202112920S (22) 27/05/2020 (47) 06/12/2023

(54) MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) FABLE HOLDINGS PTY LTD

(21) 11202251261J (22) 25/03/2021 (47) 15/12/2023

(54) MUSHROOM-BASED FOOD PRODUCT

(74)Amica Law LLC

(71) FLASKWORKS, LLC

(21) 11202104962Q (22) 11/11/2019 (47) 13/12/2023

(54) DENDRITIC CELL GENERATING APPARATUS AND METHOD

(74)HENRY GOH (S) PTE LTD

(71) FLIHI TECHNOLOGY CO LTD

(21) 10202200255W (22) 10/01/2022 (47) 15/12/2023

(54) BLOOD OXYGENATION DEVICE

(74)ELLA CHEONG LLC

(71) FURUKAWA ELECTRIC CO., LTD.

(21) 11202251630J (22) 08/03/2022 (47) 13/12/2023

(54) DICING DIE ATTACH FILM AND METHOD OF PRODUCING THE SAME, AND SEMICONDUCTOR PACKAGE AND METHOD OF PRODUCING THE SAME

(74)RODYK & DAVIDSON LLP

(71) FUTEK ADVANCED SENSOR TECHNOLOGY

(21) 11202010206V (22) 03/01/2020 (47) 13/12/2023

(54) TRIPEDAL FLEXURE MEMBER AND LOAD/TORQUE MEASUREMENT SYSTEMS USING SAME

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Fundació Institut de Recerca Biomèdica (IRB BARCELONA);INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS;MERUS N.V.

(21) 11201803359V (22) 21/10/2016 (47) 07/12/2023

(54) BINDING MOLECULES THAT INHIBIT CANCER GROWTH

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) GAZTRANSPORT ET TECHNIGAZ

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(21) 11202109793V (22) 12/03/2020 (47) 06/12/2023
(54) VESSEL WALL COMPRISING IMPROVED INSULATION AROUND A BUSHING
(74)RODYK IP

(71) GAZTRANSPORT ET TECHNIGAZ
(21) 11202110316V (22) 16/03/2020 (47) 26/12/2023
(54) POLYURETHANE/POLYISOCYANURATE FOAM BLOCK OF A THERMAL INSULATION MASS OF A VESSEL, AND PREPARATION PROCESS THEREOF
(74)RODYK IP

(71) GAZTRANSPORTS ET TECHNIGAZ
(21) 11202110313Q (22) 16/03/2020 (47) 20/12/2023
(54) POLYURETHANE/POLYISOCYANURATE FOAM BLOCK OF A THERMAL INSULATION MASS OF A VESSEL, AND PREPARATION PROCESS THEREOF
(74)RODYK IP

(71) GENENTECH, INC.
(21) 11201804961U (22) 28/12/2016 (47) 28/12/2023
(54) FORMULATIONS WITH REDUCED DEGRADATION OF POLYSORBATE
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) GENENTECH, INC.
(21) 11202007726R (22) 01/02/2019 (47) 11/12/2023
(54) PHARMACEUTICAL COMPOUND, SALTS THEREOF, FORMULATIONS THEREOF, AND METHODS OF MAKING AND USING SAME
(74)DREW & NAPIER LLC

(71) GENFIT
(21) 11201907084V (22) 23/02/2018 (47) 21/12/2023
(54) PHARMACEUTICAL COMPOSITIONS FOR COMBINATION THERAPY
(74)MARKS & CLERK SINGAPORE LLP

(71) GENZYME CORPORATION
(21) 10201803601S (22) 16/09/2014 (47) 28/12/2023
(54) METHODS AND SYSTEMS FOR PROCESSING A CELL CULTURE
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) GENZYME CORPORATION
(21) 11202005809T (22) 20/12/2018 (47) 11/12/2023
(54) METHODS FOR ENHANCED REMOVAL OF IMPURITIES DURING PROTEIN A CHROMATOGRAPHY

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) GENZYME CORPORATION

(21) 11202006410W (22) 11/01/2019 (47) 14/12/2023

(54) METHODS FOR THE QUANTITATION OF POLYPEPTIDES

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) GIVAUDAN SA

(21) 11202107665V (22) 18/12/2019 (47) 11/12/2023

(54) IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS

(74)DREW & NAPIER LLC

(71) GIVI S.P.A.

(21) 11202111853U (22) 03/06/2020 (47) 11/12/2023

(54) MOTORCYCLE BAG SUPPORTING AND TILTING KIT

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) GLOBALWAFERS CO., LTD.

(21) 11202105857R (22) 13/12/2019 (47) 12/12/2023

(54) IMPROVED RESISTIVITY STABILIZATION MEASUREMENT OF FAT NECK SLABS FOR HIGH RESISTIVITY AND ULTRA-HIGH RESISTIVITY SINGLE CRYSTAL SILICON INGOT GROWTH

(74)MARKS & CLERK SINGAPORE LLP

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 10202113067P (22) 24/11/2021 (47) 27/12/2023

(54) SYSTEM AND METHOD FOR TRAINING MACHINE LEARNING MODEL WITH GEOGRAPHICAL LOCATION

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) GRABTAXI HOLDINGS PTE. LTD.

(21) 10202251568V (22) 01/11/2022 (47) 30/12/2023

(54) METHOD FOR DETECTING FRAUDULENT USERS IN A MARKETPLACE SYSTEM

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) GROUP IB, LTD.

(21) 10202100670P (22) 21/01/2021 (47) 19/12/2023

(54) SYSTEM AND METHOD FOR DETECTING UNAUTHORIZED ACTIVITY AT AN ELECTRONIC DEVICE

(74)MCLAUGHLIN IP PTE LTD

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

(21) 11201906263P (22) 05/01/2017 (47) 08/12/2023

(54) METHOD AND DEVICE FOR RANDOM ACCESS

(74) RODYK IP

(71) GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD

(21) 11201904430U (22) 17/11/2017 (47) 08/12/2023

(54) FGFR4 INHIBITOR AND PREPARATION METHOD AND USE THEREOF

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) GUANGZHOU HUYA INFORMATION TECHNOLOGY CO., LTD.

(21) 11202111043R (22) 03/04/2020 (47) 20/12/2023

(54) LIVE BROADCAST METHOD AND APPARATUS, AND COMPUTER DEVICE AND STORAGE MEDIUM

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) GUARDANT HEALTH, INC.

(21) 11201811556R (22) 06/07/2017 (47) 28/12/2023

(54) METHODS FOR FRAGMENTOME PROFILING OF CELL-FREE NUCLEIC ACIDS

(74) PIZZEYS PTE. LTD.

(71) Genting Plantations (WM) Sdn Bhd

(21) 10202011622T (22) 23/11/2020 (47) 21/12/2023

(54) RAKER ASSEMBLY USED FOR CLEARING DEBRIS IN AREAS SURROUNDING TREES IN A PLANTATION

(74) GHOWS LLC

(71) HAI ROBOTICS CO., LTD.

(21) 11202004495P (22) 07/09/2018 (47) 11/12/2023

(54) HANDLING ROBOT AND METHOD FOR RETRIEVING INVENTORY ITEM BASED ON HANDLING ROBOT

(74) MARKS & CLERK SINGAPORE LLP

(71) HAMAMATSU PHOTONICS K.K.

(21) 10202251500V (22) 07/03/2018 (47) 13/12/2023

(54) SEMICONDUCTOR INSPECTION DEVICE

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) HANGZHOU DAC BIOTECH CO, LTD

(21) 11201807652S (22) 20/04/2016 (47) 12/12/2023

(54) DERIVATIVES OF AMANITA TOXINS AND THEIR CONJUGATION TO A CELL BINDING MOLECULE

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)LEE & LEE

(71) HITACHI, LTD.

(21) 11202008561Q (22) 07/03/2018 (47) 26/12/2023

(54) PREDICTION TASK ASSISTANCE APPARATUS AND PREDICTION TASK ASSISTANCE METHOD

(74)DREW & NAPIER LLC

(71) HK INNO.N CORPORATION

(21) 11201904907P (22) 26/12/2017 (47) 11/12/2023

(54) NOVEL PREPARATION CONTAINING BENZIMIDAZOLE DERIVATIVE

(74)AMICA LAW LLC

(71) HOPE MEDICINE (NANJING) CO., LTD.

(21) 11201900459R (22) 20/07/2017 (47) 04/12/2023

(54) MG53 MUTANTS, METHODS OF MAKING THE SAME, AND USES THEREOF

(74)HENRY GOH (S) PTE LTD

(71) HOWARD, Randall, Barton

(21) 11202103362W (22) 03/10/2019 (47) 21/12/2023

(54) APPARATUS AND METHOD FOR HOLDING PRODUCTS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) HOYA CORPORATION

(21) 10201608631V (22) 24/02/2014 (47) 11/12/2023

(54) GLASS SUBSTRATE FOR MAGNETIC DISK AND MAGNETIC DISK

(74)DREW & NAPIER LLC

(71) HOYA CORPORATION

(21) 11202102463X (22) 04/09/2019 (47) 21/12/2023

(54) MASK BLANK, TRANSFER MASK, AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

(74)DREW & NAPIER LLC

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 10201701275X (22) 23/05/2012 (47) 12/12/2023

(54) SIGNAL CODING AND DECODING METHODS AND DEVICES

(74)ALLEN & GLEDHILL LLP

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11201901608V (22) 29/03/2017 (47) 22/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) METHOD FOR ACCESSING DISTRIBUTED STORAGE SYSTEM, RELATED APPARATUS, AND RELATED SYSTEM

(74)ALLEN & GLEDHILL LLP

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11201909531V (22) 23/05/2017 (47) 11/12/2023

(54) WEARABLE DEVICE

(74)ALLEN & GLEDHILL LLP

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11201912139P (22) 13/06/2018 (47) 21/12/2023

(54) METHODS AND SYSTEMS OF POWER CONTROL FOR UPLINK TRANSMISSION

(74)ALLEN & GLEDHILL LLP

(71) HUAWEI TECHNOLOGIES CO., LTD.

(21) 11202009776Q (22) 21/01/2019 (47) 21/12/2023

(54) COMMUNICATION METHOD, APPARATUS, AND SYSTEM

(74)ALLEN & GLEDHILL LLP

(71) HUMANSCALE CORPORATION

(21) 11202009430T (22) 29/03/2019 (47) 11/12/2023

(54) ADJUSTABLE SUPPORT ARM

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) HYMETH APS

(21) 11202105947V (22) 23/09/2019 (47) 20/12/2023

(54) RACK-MOUNT BOX FOR A HEAT-EMITTING DEVICE

(74)WITHERS KHATTARWONG LLP

(71) IDEMITSU KOSAN CO.,LTD.

(21) 11202200588X (22) 20/07/2020 (47) 18/12/2023

(54) SATURATED ALIPHATIC HYDROCARBON COMPOUND COMPOSITION, LUBRICANT COMPOSITION, AND METHOD FOR PRODUCING SATURATED ALIPHATIC HYDROCARBON COMPOUND COMPOSITION

(74)DREW & NAPIER LLC

(71) IHI CORPORATION

(21) 11202011154R (22) 13/03/2019 (47) 26/12/2023

(54) DETECTION DEVICE AND DETECTION SYSTEM

(74)VIERING, JENTSCHURA & PARTNER LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) IHI CORPORATION

(21) 11202012278X (22) 13/06/2019 (47) 14/12/2023

(54) CELL CULTURE SYSTEM AND CELL CULTURE METHOD

(74)DONALDSON & BURKINSHAW LLP

(71) IHI CORPORATION

(21) 11202012280Y (22) 13/06/2019 (47) 13/12/2023

(54) CELL CULTURE SYSTEM AND CELL CULTURE METHOD

(74)DONALDSON & BURKINSHAW LLP

(71) IHI CORPORATION

(21) 11202109813W (22) 12/03/2020 (47) 13/12/2023

(54) MOVING BODY MONITORING SYSTEM, CONTROL SERVER OF MOVING BODY MONITORING SYSTEM, AND MOVING BODY MONITORING METHOD

(74)DONALDSON & BURKINSHAW LLP

(71) IKENA ONCOLOGY, INC.

(21) 11202001310S (22) 17/08/2018 (47) 07/12/2023

(54) AHR INHIBITORS AND USES THEREOF

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ILLUMINA, INC.

(21) 11201905981Q (22) 05/01/2018 (47) 21/12/2023

(54) PHASING CORRECTION

(74)MARKS & CLERK SINGAPORE LLP

(71) ILLUMINA, INC.

(21) 11201911530R (22) 19/06/2018 (47) 11/12/2023

(54) METHODS FOR ACCURATE COMPUTATIONAL DECOMPOSITION OF DNA MIXTURES FROM CONTRIBUTORS OF UNKNOWN GENOTYPES

(74)YUSARN AUDREY LLC

(71) ILLUMINA, INC.

(21) 11201911538Y (22) 19/06/2018 (47) 11/12/2023

(54) METHODS AND SYSTEMS FOR DECOMPOSITION AND QUANTIFICATION OF DNA MIXTURES FROM MULTIPLE CONTRIBUTORS OF KNOWN OR UNKNOWN GENOTYPES

(74)YUSARN AUDREY LLC

(71) ILLUMINA, INC.

(21) 11202012753S (22) 23/01/2020 (47) 21/12/2023

(54) SEQUENCING KITS

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DREW & NAPIER LLC

(71) ILLUMINA, INC.

(21) 11202012812P (22) 26/05/2020 (47) 22/12/2023

(54) FLOW CELL WITH SELECTIVE DEPOSITION OR ACTIVATION OF NUCLEOTIDES

(74)DREW & NAPIER LLC

(71) IMPETIS BIOSCIENCES LTD.

(21) 11202005874T (22) 19/12/2018 (47) 11/12/2023

(54) PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CANCER

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INDIAN COUNCIL OF MEDICAL RESEARCH

(21) 11202202863Q (22) 04/12/2020 (47) 11/12/2023

(54) DEVICE FOR DEVELOPING GERMFREE AND GNOTOBIOTIC MOSQUITOES

(74)BIRD & BIRD ATMD LLP

(71) INGENUITY FOODS, INC.

(21) 11202109062T (22) 21/02/2020 (47) 06/12/2023

(54) COMPOSITIONS COMPRISING CHOLINE AND OMEGA-3 FATTY ACID TO NUTRITIONALLY ENHANCE FOOD PRODUCTS

(74)MARKS & CLERK SINGAPORE LLP

(71) INHIBRX, INC.

(21) 11201805532X (22) 11/01/2017 (47) 25/12/2023

(54) MULTIVALENT AND MULTISPECIFIC 41BB-BINDING FUSION PROTEINS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INNOSPEC LIMITED

(21) 11202002414S (22) 24/08/2018 (47) 14/12/2023

(54) HAIR CARE COMPOSITIONS AND METHODS

(74)HENRY GOH (S) PTE LTD

(71) INOVA SEMICONDUCTORS GMBH

(21) 11202102331S (22) 17/06/2019 (47) 14/12/2023

(54) LINE DRIVER DEVICE FOR DATA FLOW CONTROL

(74)DREW & NAPIER LLC

(71) INTEGRATED PLASTICS PTY LIMITED

(21) 11201808658R (22) 04/04/2017 (47) 18/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) ERGONOMIC INTEGRAL HANDLE ASSEMBLY
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105427Y (22) 17/02/2020 (47) 25/12/2023
(54) INCREMENTAL DECRYPTION AND INTEGRITY VERIFICATION OF A SECURE OPERATING
SYSTEM IMAGE
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105432W (22) 27/02/2020 (47) 13/12/2023
(54) SECURE EXECUTION GUEST OWNER ENVIRONMENTAL CONTROLS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105431V (22) 02/03/2020 (47) 14/12/2023
(54) SHARING SECURE MEMORY ACROSS MULTIPLE SECURITY DOMAINS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105433T (22) 06/03/2020 (47) 13/12/2023
(54) SECURE INTERFACE CONTROL HIGH-LEVEL PAGE MANAGEMENT
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105613P (22) 27/02/2020 (47) 25/12/2023
(54) BINDING SECURE KEYS OF SECURE GUESTS TO A HARDWARE SECURITY MODULE
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202109829P (22) 15/04/2020 (47) 25/12/2023
(54) QUBIT FREQUENCY TUNING STRUCTURES AND FABRICATION METHODS FOR FLIP CHIP
QUANTUM COMPUTING DEVICES
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ISRAEL WEAPON INDUSTRIES (I.W.I) LTD.
(21) 10202011019U (22) 05/11/2020 (47) 25/12/2023
(54) FIREARM WITH AUTOMATIC TARGET ACQUIRING AND SHOOTING
(74)SOROKER AGMON NORDMAN PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) Illumina Singapore Pte. Ltd.

(21) 11202007924T (22) 19/02/2019 (47) 25/12/2023

(54) METHOD FOR INTRODUCING MUTATIONS

(74)CANTAB IP PTE. LTD.

(71) Illumina, Inc.

(21) 10201801707X (22) 02/03/2018 (47) 06/12/2023

(54) LASER LINE ILLUMINATOR FOR HIGH THROUGHPUT SEQUENCING

(74)DREW & NAPIER LLC

(71) Incyte Holdings Corporation

(21) 10201610416T (22) 12/06/2013 (47) 14/12/2023

(54) SUBSTITUTED TRICYCLIC COMPOUNDS AS FGFR INHIBITORS

(74)NANYANG LAW LLC

(71) JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED;TOHOKU UNIVERSITY

(21) 11202112403U (22) 10/04/2020 (47) 27/12/2023

(54) ELECTROCHEMICAL DETECTION METHOD FOR CATALYTIC REACTION PRODUCT, AND TRANSDUCER

(74)DREW & NAPIER LLC

(71) JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED;TOHOKU UNIVERSITY

(21) 11202113474P (22) 10/04/2020 (47) 27/12/2023

(54) ELECTROCHEMICAL DETECTION METHOD FOR CATALYTIC REACTION PRODUCT, ELECTROCHEMICAL DETECTION APPARATUS AND TRANSDUCER

(74)DREW & NAPIER LLC

(71) JBM INCORPORATION

(21) 11202003106R (22) 01/10/2018 (47) 22/12/2023

(54) URETHRAL STRICTURE TREATMENT AGENT AND URETHRAL STRICTURE TREATMENT METHOD

(74)AMICA LAW LLC

(71) JFE STEEL CORPORATION

(21) 11202108242R (22) 29/01/2020 (47) 06/12/2023

(54) H-BEAM HAVING PROTRUSIONS, AND MANUFACTURING METHOD FOR SAME

(74)W.P. LAI & COMPANY

(71) Jiaxing Innocul Probiotics Co., Ltd;Hi-Beau Group Pte Ltd

(21) 10201913127U (22) 24/12/2019 (47) 21/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) BIFIDOBACTERIUM LONGUM YH295 AND USE THEREOF IN PREPARATION OF PRODUCT REDUCING RISK OF ABDOMINAL OBESITY

(74)NANYANG LAW LLC

(71) KAO CORPORATION

(21) 11202004603U

(22) 19/11/2018

(47) 06/12/2023

(54) HAIR COSMETIC

(74)DREW & NAPIER LLC

(71) KAO CORPORATION

(21) 11202250752D

(22) 28/12/2020

(47) 25/12/2023

(54) METHOD FOR PRODUCING MICROCAPSULE

(74)DREW & NAPIER LLC

(71) KAOHSIUNG MEDICAL UNIVERSITY

(21) 10202202795R

(22) 18/03/2022

(47) 12/12/2023

(54) METHOD FOR PREPARING ZONAL LAYERED CHONDROCYTE SHEETS AND USE THEREOF

(74)NANYANG LAW LLC

(71) KCC CORPORATION

(21) 11202107411X

(22) 21/02/2020

(47) 12/12/2023

(54) PRIMER COMPOSITION

(74)MARKS & CLERK SINGAPORE LLP

(71) KCL CONSULTANTS PTE LTD

(21) 10202102553S

(22) 12/03/2021

(47) 12/12/2023

(54) PPVC CONNECTOR

(74)ALLEN & GLEDHILL LLP

(71) KCTECH CO., LTD.

(21) 10202101442Q

(22) 11/02/2021

(47) 09/12/2023

(54) SLURRY COMPOSITION FOR CHEMICAL MECHANICAL POLISHING

(74)MARKS & CLERK SINGAPORE LLP

(71) KOBAYASHI PHARMACEUTICAL CO., LTD.

(21) 11202113834X

(22) 11/06/2020

(47) 06/12/2023

(54) TOPICAL COMPOSITION

(74)ALLEN & GLEDHILL LLP

(71) KOLON LIFE SCIENCE, INC.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 11202006726U (22) 18/01/2019 (47) 06/12/2023
(54) RECOMBINANT VACCINIA VIRUS AND PHARMACEUTICAL COMPOSITION COMPRISING SAME
(74)MCLAUGHLIN IP PTE LTD
- (71) KONINKLIJKE PHILIPS N.V.
(21) 11202100329V (22) 22/08/2019 (47) 09/12/2023
(54) MULTI-RANGE HDR VIDEO CODING
(74)VIERING, JENTSCHURA & PARTNER LLP
- (71) KORTUC INC.
(21) 11202110788R (22) 27/03/2020 (47) 12/12/2023
(54) HYDROGEN PEROXIDE SOLUTION-PREFILLED SYRINGE HAVING EXCELLENT HYDROGEN PEROXIDE PRESERVABILITY BY VIRTUE OF SILICONE OIL (OIL COMPOSITION CONTAINING SAID SILICONE OIL)
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) KORTUC JAPAN LLC
(21) 11202105068Y (22) 18/10/2019 (47) 21/12/2023
(54) SYRINGE SUITABLE FOR HYDROGEN PEROXIDE SOLUTION, AND KIT
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) KOTOBUKI SEIHAN PRINTING CO., LTD.
(21) 11202114420P (22) 26/02/2021 (47) 07/12/2023
(54) CORE MATERIAL FOR COMMERCIAL SAMPLE AND COMMERCIAL SAMPLE
(74)AMICA LAW LLC
- (71) KURITA WATER INDUSTRIES LTD.
(21) 11202252535M (22) 02/09/2020 (47) 21/12/2023
(54) METHOD FOR REDUCING CORROSION FATIGUE OF EVAPORATING TUBE IN BOILER
(74)Allen & Gledhill LLP
- (71) L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 10202002978T (22) 30/03/2020 (47) 22/12/2023
(54) CRYOGENIC AIR SEPARATION APPARATUS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) L'OREAL
(21) 11202101859V (22) 01/10/2019 (47) 06/12/2023
(54) HAIR TREATMENT METHOD

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) L'OREAL

(21) 11202102071P (22) 01/10/2019 (47) 22/12/2023

(54) HAIR DYEING PROCESS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) L'OREAL

(21) 11202102330P (22) 01/10/2019 (47) 21/12/2023

(54) HAIR TREATMENT PROCESS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) L'OREAL

(21) 11202103138Y (22) 01/10/2019 (47) 22/12/2023

(54) COSMETIC TREATMENT PROCESS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) LAM RESEARCH CORPORATION

(21) 11202109797S (22) 06/03/2020 (47) 25/12/2023

(54) APPARATUS FOR CLEANING PLASMA CHAMBERS

(74)MARKS & CLERK SINGAPORE LLP

(71) LEONARDO S.P.A.

(21) 11202110620Q (22) 27/03/2020 (47) 14/12/2023

(54) METHOD FOR MANUFACTURING A SOUND- ABSORBING SANDWICH PANEL FOR REDUCING NOISE OF AN AIRCRAFT ENGINE

(74)DREW & NAPIER LLC

(71) LIFE TECHNOLOGIES CORPORATION

(21) 11201706352Q (22) 05/02/2016 (47) 22/12/2023

(54) SYSTEM AND METHODS FOR CALIBRATING BINDING DYES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) LIFE TECHNOLOGIES CORPORATION

(21) 11202101782Y (22) 28/08/2019 (47) 08/12/2023

(54) MACHINE LEARNING SYSTEM FOR GENOTYPING PCR ASSAYS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) LIFTING POINT PRE-FORM PTY LIMITED

(21) 11201905005T (22) 14/12/2017 (47) 08/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) SUPPORT MODULE FOR A STRUCTURE

(74)AMICA LAW LLC

(71) LIGHTOX LIMITED

(21) 11202113520U

(22) 14/07/2020

(47) 22/12/2023

(54) FLUORESCENT SYSTEMS FOR BIOLOGICAL IMAGING AND USES THEREOF

(74)DREW & NAPIER LLC

(71) LINTEC CORPORATION

(21) 10201905011R

(22) 27/11/2015

(47) 28/12/2023

(54) PRESSURE SENSITIVE ADHESIVE SHEET AND METHOD OF MANUFACTURING PROCESSED ARTICLES

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) LIQUIDSTACK HOLDING B.V

(21) 11202111110R

(22) 09/04/2020

(47) 12/12/2023

(54) METHOD AND APPARATUS FOR RECOVERING DIELECTRIC FLUIDS USED FOR IMMERSION COOLING

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) LOMANTO, Davide

(21) 11202250321Q

(22) 09/12/2020

(47) 13/12/2023

(54) GASTRIC RESTRICTIVE DEVICE

(74)SOROKER AGMON NORDMAN PTE. LTD.

(71) LUBRIZOL ADVANCED MATERIALS, INC.

(21) 11202109787Y

(22) 13/03/2020

(47) 06/12/2023

(54) MULTI-AMINE POLYESTER DISPERSANT MADE VIA AN ANHYDRIDE INTERMEDIATE

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) LUNELLA BIOTECH, INC.

(21) 11202250419N

(22) 15/12/2020

(47) 04/12/2023

(54) SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS

(74)MARKS & CLERK SINGAPORE LLP

(71) LYSANDO AG

(21) 11201903887Q

(22) 20/11/2017

(47) 22/12/2023

(54) NEW ANTIMICROBIAL AGENTS AGAINST STAPHYLOCOCCUS AUREUS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) LZLABS GMBH

(21) 11201909903V

(22) 28/04/2017

(47) 06/12/2023

(54) CONTAINERIZED DEPLOYMENT OF MICROSERVICES BASED ON MONOLITHIC LEGACY APPLICATIONS

(74)PIZZEYS PTE. LTD.

(71) Lenz Therapeutics, Inc.

(21) 11202103033W

(22) 08/10/2019

(47) 14/12/2023

(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) MAERSK A/S

(21) 11202007045S

(22) 23/01/2019

(47) 31/12/2023

(54) FUEL SYSTEM

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) MAI INTERNATIONAL GMBH

(21) 11202260958Q

(22) 01/06/2021

(47) 13/12/2023

(54) NOZZLE FOR DISPENSING CONCRETE, MORTAR OR THE LIKE

(74)MCLAUGHLIN IP PTE. LTD.

(71) MARA RENEWABLES CORPORATION

(21) 11201800249U

(22) 13/07/2016

(47) 22/12/2023

(54) ENHANCING MICROALGAL METABOLISM OF XYLOSE

(74)WITHERS KHATTARWONG LLP

(71) MARINOMED BIOTECH AG

(21) 11201800076T

(22) 12/07/2016

(47) 14/12/2023

(54) STUFFY NOSE DEBLOCKING COMPOSITION HAVING ANTIVIRAL ACTIVITY

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) MASTERCARD ASIA/PACIFIC PTE. LTD.

(21) 10201610669R

(22) 20/12/2016

(47) 04/12/2023

(54) PAYMENT FACILITATION METHOD AND SYSTEM

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) ME IN GOLD CO., LTD.

(21) 11202113848V

(22) 10/08/2020

(47) 20/12/2023

(54) GOLD LEAF PROCESSING DEVICE AND PROCESSING METHOD

(74)DONALDSON & BURKINSHAW LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) MEMBION GMBH
(21) 11202204382Y (22) 26/10/2020 (47) 22/12/2023
(54) METHOD FOR FILTERING A LIQUID, AND FILTER DEVICE
(74)NANYANG LAW LLC

(71) MERCK PATENT GMBH
(21) 11201901126U (22) 11/08/2017 (47) 11/12/2023
(54) COMBINATION THERAPY FOR CANCER
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) MEXICHEM FLUOR S.A. DE C.V.
(21) 11202108460V (22) 11/02/2020 (47) 28/12/2023
(54) COMPOSITIONS
(74)HENRY GOH (S) PTE LTD

(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201905463T (22) 20/12/2017 (47) 07/12/2023
(54) ABSTRACT ENCLAVE IDENTITY
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11202108401Y (22) 30/01/2020 (47) 21/12/2023
(54) RELATIVE SPATIAL LOCALIZATION OF MOBILE DEVICES
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) MIMICA LAB LTD
(21) 11202202558S (22) 15/09/2020 (47) 08/12/2023
(54) FOOD SPOILAGE MONITORING DEVICE
(74)RODYK IP

(71) MITOBRIDGE, INC.
(21) 11201905047R (22) 28/12/2017 (47) 14/12/2023
(54) POLY-ADP RIBOSE POLYMERASE (PARP) INHIBITORS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) MITSUBISHI CHEMICAL CORPORATION
(21) 11202106870S (22) 25/12/2019 (47) 22/12/2023
(54) ETHYLENE-VINYL ALCOHOL COPOLYMER RESIN COMPOSITION, MULTILAYER
STRUCTURE AND PACKAGE

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DREW & NAPIER LLC

(71) MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.

(21) 11202260692W (22) 19/05/2021 (47) 27/12/2023

(54) SYSTEM FOR REMOVING ADHERED ASH FROM BOILER PIPE GROUP

(74)W.P. LAI & COMPANY

(71) MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.

(21) 11202303891X (22) 09/12/2021 (47) 21/12/2023

(54) HYDROTHERMAL TREATMENT SYSTEM

(74)W.P. LAI & COMPANY

(71) MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.

(21) 11202303362V (22) 11/11/2021 (47) 31/12/2023

(54) HYDROTHERMAL TREATMENT DEVICE AND HYDROTHERMAL TREATMENT SYSTEM

(74)W.P. LAI & COMPANY

(71) MITSUBISHI HEAVY INDUSTRIES, LTD.

(21) 11202304780S (22) 07/12/2021 (47) 21/12/2023

(54) AMMONIA DECOMPOSITION SYSTEM

(74)W.P. LAI & COMPANY

(71) MITSUBISHI SHIPBUILDING CO., LTD.

(21) 11202103580V (22) 04/10/2019 (47) 04/12/2023

(54) MARINE VESSEL MANUFACTURING METHOD

(74)ALLEN & GLEDHILL LLP

(71) MITSUBISHI SHIPBUILDING CO., LTD.

(21) 11202103582R (22) 04/10/2019 (47) 11/12/2023

(54) UTILIZATION METHOD FOR EXISTING MARINE VESSELS

(74)ALLEN & GLEDHILL LLP

(71) MIZKAN HOLDINGS CO., LTD.

(21) 11202300821Q (22) 06/08/2021 (47) 14/12/2023

(54) STARCH-CONTAINING SOLID COMPOSITION AND METHOD FOR PRODUCING SAME

(74)SPRUSON & FERGUSON (ASIA) PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) MJN U.S. HOLDINGS LLC

(21) 11202010751X (22) 09/05/2019 (47) 21/12/2023

(54) WELLBEING SUPPLEMENT FOR POSTPARTUM MATERNAL NUTRITION

(74)DONALDSON & BURKINSHAW LLP

(71) MJNN LLC

(21) 11202103280W (22) 30/10/2019 (47) 22/12/2023

(54) GROW TOWER PROCESSING FOR CONTROLLED ENVIRONMENT AGRICULTURE SYSTEM

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) MKS INSTRUMENTS, INC.

(21) 11202110015X (22) 26/03/2020 (47) 13/12/2023

(54) METHOD AND APPARATUS FOR PULSE GAS DELIVERY

(74)MCLAUGHLIN IP PTE LTD

(71) MKS INSTRUMENTS, INC.

(21) 11202110675W (22) 07/04/2020 (47) 12/12/2023

(54) SYSTEMS AND METHODS FOR GENERATING A DISSOLVED AMMONIA SOLUTION WITH REDUCED DISSOLVED CARRIER GAS AND OXYGEN CONTENT

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) MRM HK LIMITED

(21) 10202105471S (22) 23/11/2017 (47) 20/12/2023

(54) FASTENER ASSEMBLY, MESH PANEL AND BARRIER SYSTEM

(74)MARKS & CLERK SINGAPORE LLP

(71) MTAMTECH INC.

(21) 11202110684U (22) 30/03/2020 (47) 28/12/2023

(54) HIGHLY ALIGNED AND PACKED HOLLOW FIBER ASSEMBLY

(74)PYPRUS PTE LTD

(71) MURATA MACHINERY, LTD.

(21) 11201906992Y (22) 11/01/2018 (47) 21/12/2023

(54) STOCKER

(74)DREW & NAPIER LLC

(71) MURATA MACHINERY, LTD.

(21) 11202202671T (22) 03/08/2020 (47) 11/12/2023

(54) TRANSPORT SYSTEM AND STORAGE

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DREW & NAPIER LLC

(71) MURATA MACHINERY, LTD.

(21) 11202252557M (22) 19/01/2021 (47) 12/12/2023

(54) STORAGE SHELF

(74)YUSARN AUDREY LLC

(71) Medy-Tox Inc.

(21) 10202013124X (22) 30/03/2012 (47) 14/12/2023

(54) LYOPHILIZED PREPARATION OF BOTULINUM TOXIN

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) Micromass UK Limited

(21) 10201905000V (22) 31/05/2019 (47) 21/12/2023

(54) A method of performing a routine on a mass spectrometer

(74)GHOWS LLC

(71) Mitsui Chemicals, Inc.

(21) 10202108543V (22) 16/11/2016 (47) 11/12/2023

(54) SEMICONDUCTOR FILM COMPOSITION, METHOD FOR MANUFACTURING SEMICONDUCTOR FILM COMPOSITION, METHOD FOR MANUFACTURING SEMICONDUCTOR MEMBER, METHOD FOR MANUFACTURING PROCESSING MATERIAL FOR SEMICONDUCTOR,AND SEMICONDUCTOR DEVICE

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) NAMU TECH CO., LTD.;ACORNSOFT CO., LTD.

(21) 11202100299T (22) 15/07/2019 (47) 06/12/2023

(54) METHOD FOR PROVISIONING AND MANAGING MULTI-CLUSTER ON CLOUD PLATFORM

(74)BIRD & BIRD ATMD LLP

(71) NANOBLOTIX

(21) 11201905638Y (22) 19/12/2017 (47) 04/12/2023

(54) NANOPARTICLES FOR USE FOR TREATING A NEURONAL DISORDER

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) NANOFILM TECHNOLOGIES INTERNATIONAL LIMITED

(21) 11202103322P (22) 07/11/2019 (47) 13/12/2023

(54) TEMPERATURE RESISTANT CARBON COATINGS

(74)MCLAUGHLIN IP PTE LTD

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) NANOFILM TECHNOLOGIES INTERNATIONAL LIMITED

(21) 11202103338R (22) 07/11/2019 (47) 13/12/2023

(54) TA-C BASED COATINGS WITH IMPROVED HARDNESS

(74)MCLAUGHLIN IP PTE LTD

(71) NANYANG TECHNOLOGICAL UNIVERSITY

(21) 10201900137V (22) 07/01/2019 (47) 13/12/2023

(54) APPARATUS FOR GENERATING MAGNETIC FIELD, IMAGING DEVICE HAVING THE SAME, AND METHOD FOR IMAGING A SAMPLE

(74)MCLAUGHLIN IP PTE LTD

(71) NATIONAL UNIVERSITY OF SINGAPORE

(21) 11202200088P (22) 03/07/2020 (47) 04/12/2023

(54) QUANTUM RANDOM NUMBER GENERATION SYSTEM AND METHOD

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) NESTE OYJ

(21) 11202005520Y (22) 21/12/2018 (47) 22/12/2023

(54) PREPARATION OF AN AVIATION FUEL COMPOSITION

(74)DREW & NAPIER LLC

(71) NESTE OYJ

(21) 11202100964T (22) 25/07/2019 (47) 12/12/2023

(54) METHOD TO PRODUCE BIO-RENEWABLE PROPYLENE FROM OILS AND FATS

(74)DREW & NAPIER LLC

(71) NICHIAS CORPORATION

(21) 11202200294P (22) 22/07/2020 (47) 06/12/2023

(54) INORGANIC FIBER, INORGANIC FIBER PRODUCT, METHOD OF MANUFACTURING INORGANIC FIBER PRODUCT, COMPOSITION FOR MANUFACTURING INORGANIC FIBER, AND METHOD OF MANUFACTURING INORGANIC FIBER

(74)YUSARN AUDREY LLC

(71) NIPPON MICROMETAL CORPORATION

(21) 11202260145S (22) 23/03/2022 (47) 26/12/2023

(54) BONDING WIRE FOR SEMICONDUCTOR DEVICES

(74)Donaldson & Burkinshaw LLP

(71) NISSAN CHEMICAL CORPORATION

(21) 11202005839V (22) 19/12/2018 (47) 22/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) COMPOSITION FOR POLISHING FOR USE IN ELIMINATING PROTRUSION IN PERIPHERY OF LASER MARK

(74)DONALDSON & BURKINSHAW LLP

(71) NITTO BOSEKI CO., LTD.

(21) 11202105258U

(22) 02/04/2020

(47) 06/12/2023

(54) COMPOSITE YARN FABRIC AND METHOD FOR PRODUCING FIBER-REINFORCED RESIN MOLDED ARTICLE USING SAME

(74)HSLEGAL LLP

(71) NITTO DENKO CORPORATION

(21) 10201911001U

(22) 15/06/2016

(47) 25/12/2023

(54) ULTRAVIOLET-CURABLE ACRYL-BASED PRESSURE-SENSITIVE ADHESIVE COMPOSITION, ULTRAVIOLET-CURABLE ACRYL-BASED PRESSURE-SENSITIVE ADHESIVE LAYER, PRESSURE-SENSITIVE ADHESIVE LAYER-ATTACHED POLARIZING FILM, METHOD FOR PRODUCING ULTRAVIOLET-CURABLE ACRYL-BASED PRESSURE-SENSITIVE ADHESIVE LAYER AND IMAGE DISPLAY DEVICE

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) NOVARTIS AG

(21) 11202004406V

(22) 01/11/2018

(47) 26/12/2023

(54) MEANS AND METHOD FOR PREPARING VIRAL VECTORS AND USES OF SAME

(74)DREW & NAPIER LLC

(71) NUPROTEIN CO., LTD.

(21) 11202201423Q

(22) 16/12/2021

(47) 25/12/2023

(54) TRANSLATION ENHANCER, TRANSLATION TEMPLATE MRNA, TRANSCRIPTION TEMPLATE DNA, METHOD OF PRODUCING TRANSLATION TEMPLATE MRNA, AND METHOD OF PRODUCING PROTEIN

(74)BIRD & BIRD ATMD LLP

(71) NUTCRACKER THERAPEUTICS, INC.

(21) 11202102163S

(22) 27/09/2019

(47) 11/12/2023

(54) LIPID NANOPARTICLE FORMULATIONS COMPRISING LIPIDATED CATIONIC PEPTIDE COMPOUNDS FOR NUCLEIC ACID DELIVERY

(74)DREW & NAPIER LLC

(71) NUTCRACKER THERAPEUTICS, INC.

(21) 11202102164P

(22) 27/09/2019

(47) 14/12/2023

(54) TERTIARY AMINO LIPIDATED CATIONIC PEPTIDES FOR NUCLEIC ACID DELIVERY

(74)DREW & NAPIER LLC

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) Nanjing Silicon Intelligence Technology Co., Ltd.
(21) 11202111477P (22) 08/07/2021 (47) 11/12/2023
(54) METHOD AND APPARATUS FOR DETERMINING PSYCHOLOGICAL COUNSELING TRAINING SCHEME
(74)MARKS & CLERK SINGAPORE LLP

(71) National Applied Research Laboratories
(21) 10202203036Q (22) 24/03/2022 (47) 27/12/2023
(54) OPTICAL FIBER SENSING METHOD
(74)NANYANG LAW LLC

(71) OCADO INNOVATION LIMITED
(21) 10201900627T (22) 15/04/2016 (47) 22/12/2023
(54) ROBOTIC PARKING DEVICE AND HANDLING METHOD
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) OERLIKON AM GMBH
(21) 11202110765Y (22) 27/03/2020 (47) 14/12/2023
(54) TITANIUM ALLOYS FOR RAPID SOLIDIFICATION PROCESSING
(74)DREW & NAPIER LLC

(71) ON CLOUDS GMBH
(21) 11202105582W (22) 22/10/2019 (47) 21/12/2023
(54) SOLE FOR A RUNNING SHOE WITH CHANNEL CUSHIONING
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) ORIC PHARMACEUTICALS, INC.
(21) 11201903055U (22) 06/10/2017 (47) 13/12/2023
(54) INHIBITORS OF GLUCOCORTICOID RECEPTOR
(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ORINNO TECHNOLOGY PTE. LTD.;National Environment Agency
(21) 10201913566P (22) 27/12/2019 (47) 15/12/2023
(54) MULTI-FUNCTION INSECT STORAGE AND RELEASE CONTAINER SYSTEM
(74)ALLEN & GLEDHILL LLP

(71) OTERAP HOLDING BV
(21) 11202112167R (22) 29/05/2020 (47) 15/12/2023
(54) FOOD COLOURANT

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)ALLEN & GLEDHILL LLP

(71) OTSUKA PHARMACEUTICAL FACTORY, INC.

(21) 11201909240S (22) 23/04/2018 (47) 21/12/2023

(54) METHOD FOR MANUFACTURING DIASTEREOMER OF CITRIC ACID DERIVATIVE

(74)SPRUSON & FERGUSON (ASIA) PTE. LTD.

(71) OXFORD UNIVERSITY INNOVATION LIMITED

(21) 11202010862V (22) 16/05/2019 (47) 13/12/2023

(54) COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE

(74)CANTAB IP PTE. LTD.

(71) OXFORD UNIVERSITY INNOVATION LIMITED

(21) 11202110192V (22) 12/03/2020 (47) 08/12/2023

(54) SCATTERING MICROSCOPY

(74)AMICA LAW LLC

(71) PALL CORPORATION

(21) 10202009689W (22) 30/09/2020 (47) 20/12/2023

(54) AIR FILTER AND METHOD OF USE

(74)DREW & NAPIER LLC

(71) PALL CORPORATION

(21) 10202103122V (22) 26/03/2021 (47) 26/12/2023

(54) ADAPTER FOR FILTER DEVICE AND METHOD OF USE

(74)DREW & NAPIER LLC

(71) PARION SCIENCES, INC.

(21) 10201605241P (22) 26/06/2012 (47) 04/12/2023

(54) 3,5-DIAMINO-6-CHLORO-N-(N-(4-(4-(2-(HEXYL (2,3,4,5,6-PENTAHYDROXYHEXYL) AMINO) ETHOXY) PHENYL) BUTYL) CARBAMIMIDOYL) PYRAZINE-2-CARBOXAMIDE

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) PEARLS OF WISDOM ADVANCED TECHNOLOGIES LTD

(21) 11202109281Y (22) 23/03/2020 (47) 11/12/2023

(54) A UAV CARRIER

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE

(21) 10202004257W (22) 23/11/2016 (47) 28/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) ATOMIC LAYER DEPOSITION PROCESS FOR FABRICATING DIELECTRIC METASURFACES FOR WAVELENGTHS IN THE VISIBLE SPECTRUM

(74) MARKS & CLERK SINGAPORE LLP

(71) PSK Holdings Inc.

(21) 10202108565S

(22) 05/08/2021

(47) 27/12/2023

(54) APPARATUS FOR TREATING SUBSTRATE AND METHOD OF TREATING SUBSTRATE

(74) QUAHE WOO & PALMER LLC

(71) PSK INC.

(21) 10202012351U

(22) 10/12/2020

(47) 14/12/2023

(54) A SUBSTRATE PROCESSING APPARATUS

(74) NANYANG LAW LLC

(71) PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY

(21) 10202107992X

(22) 26/02/2015

(47) 06/12/2023

(54) METHOD FOR GENERATING CELL CONDENSATE FOR SELF-ORGANIZATION

(74) DREW & NAPIER LLC

(71) Proterial, Ltd.

(21) 11202109413U

(22) 12/02/2020

(47) 04/12/2023

(54) NI-BASED CORROSION RESISTANT ALLOY POWDER FOR ADDITIVE MANUFACTURING AND MANUFACTURING METHOD OF ADDITIVE MANUFACTURING PRODUCT USING SAID POWDER

(74) AMICA LAW LLC

(71) QUALCOMM INCORPORATED

(21) 11201902083R

(22) 27/10/2017

(47) 14/12/2023

(54) WIRELESS COMMUNICATION BETWEEN WIDEBAND ENB AND NARROWBAND UE

(74) DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 11201902084Q

(22) 27/10/2017

(47) 11/12/2023

(54) WIRELESS COMMUNICATION BETWEEN WIDEBAND ENB AND NARROWBAND UE

(74) DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 11201902087X

(22) 20/09/2017

(47) 12/12/2023

(54) DCI DESIGN FOR MULTI-USER SUPERPOSITION TRANSMISSION

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 11202107564W (22) 30/01/2020 (47) 22/12/2023

(54) WAKEUP SIGNAL GROUPING

(74)DREW & NAPIER LLC

(71) QUALCOMM INCORPORATED

(21) 11202107675W (22) 13/02/2020 (47) 15/12/2023

(54) RANDOM ACCESS CHANNEL PROCEDURE SELECTION SCHEME

(74)DREW & NAPIER LLC

(71) REACTIVE TECHNOLOGIES LIMITED

(21) 11202113404Q (22) 09/06/2020 (47) 21/12/2023

(54) SYSTEM FOR DETERMINING ELECTRIC PARAMETERS OF AN ELECTRIC POWER GRID

(74)NAMAZIE & CO

(71) RECURIUM IP HOLDINGS, LLC

(21) 11202006906X (22) 26/02/2019 (47) 25/12/2023

(54) SUBSTITUTED 1,2-DIHYDRO-3H-PYRAZOLO[3,4-D]PYRIMIDIN-3-ONES

(74)DREW & NAPIER LLC

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11201802867U (22) 14/10/2016 (47) 08/12/2023

(54) STABLE PROTEIN COMPOSITIONS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11201902194X (22) 22/09/2017 (47) 15/12/2023

(54) BI SPECIFIC ANTI-MUC16-CD3 ANTIBODIES AND ANTI-MUC16 DRUG CONJUGATES

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) REGENERON PHARMACEUTICALS, INC.

(21) 11202000242P (22) 05/09/2018 (47) 11/12/2023

(54) METHODS OF ASSESSING ANTIBODY-DRUG CONJUGATES

(74)FPA PATENT ATTORNEYS ASIA PTE. LTD.

(71) REGENTS OF THE UNIVERSITY OF MINNESOTA

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 11202011950W (22) 05/06/2019 (47) 12/12/2023
(54) GRAPHENE-BASED DIELECTROPHORESIS SENSOR AND METHOD
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) RHEA GENETICS PTE. LTD.
(21) 11201906173Q (22) 10/01/2018 (47) 21/12/2023
(54) COMPOUNDS AND COMPOSITIONS
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) RIKEN IMMUNE REGENERATIVE MEDICINE INC.
(21) 11201901874Y (22) 31/08/2017 (47) 15/12/2023
(54) Method For Manufacturing Natural Killer T (NKT) Cell - Stimulating Dendritic Cell, Method for Manufacturing Cell Composition Containing the NKT Cell Stimulating Dendritic Cell and NKT Cell, and Cell Composition containing thereof
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) ROXTEC AB
(21) 11202012130S (22) 19/06/2019 (47) 06/12/2023
(54) A LEAD-THROUGH COMPRISING A SEAL AND AN OUTER DIAMETER EXTENDER
(74)ALLEN & GLEDHILL LLP
- (71) RUBEDO LIFE SCIENCES, INC.
(21) 11202012099V (22) 11/07/2019 (47) 21/12/2023
(54) SENOLYTIC COMPOSITIONS AND USES THEREOF
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
(21) 11202009914S (22) 08/05/2019 (47) 13/12/2023
(54) AAV-COMPATIBLE LAMININ-LINKER POLYMERIZATION PROTEINS
(74)CANTAB IP PTE. LTD.
- (71) Rakuten Medical, Inc.
(21) 11201801282R (22) 18/08/2016 (47) 21/12/2023
(54) COMPOSITIONS, COMBINATIONS AND RELATED METHODS FOR PHOTOIMMUNOTHERAPY
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) Resonac Corporation
(21) 11202106420Q (22) 03/12/2019 (47) 20/12/2023
(54) ADHESION REMOVAL METHOD AND FILM-FORMING METHOD
(74)VIERING, JENTSCHURA & PARTNER LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) Resonac Corporation

(21) 11202109506Y (22) 06/03/2020 (47) 25/12/2023

(54) ADHESIVE AGENT COMPOSITION, FILM-LIKE ADHESIVE AGENT, ADHESIVE SHEET, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

(74)YUSARN AUDREY LLC

(71) Resonac Corporation

(21) 11202110583Q (22) 02/06/2020 (47) 07/12/2023

(54) POLISHING SOLUTION, DISPERSION, POLISHING SOLUTION PRODUCTION METHOD, AND POLISHING METHOD

(74)YUSARN AUDREY LLC

(71) Resonac Corporation

(21) 11202112883P (22) 09/07/2020 (47) 25/12/2023

(54) LAMINATE AND METHOD FOR PRODUCING SAME

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Röhm GmbH

(21) 10202103519V (22) 06/04/2021 (47) 22/12/2023

(54) COOLING THE END PORTION OF A TUBE BUNDLE REACTOR FOR THE PARTIAL OXIDATION OF METHACROLEIN

(74)DONALDSON & BURKINSHAW LLP

(71) S.A. LHOIST RECHERCHE ET DEVELOPPEMENT

(21) 11202100180X (22) 11/07/2019 (47) 21/12/2023

(54) SORBENT COMPOSITION FOR AN ELECTROSTATIC PRECIPITATOR

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) SALUNDA LIMITED

(21) 11202009153Q (22) 29/03/2019 (47) 07/12/2023

(54) PERSONNEL SAFETY SENSING SYSTEM

(74)AMICA LAW LLC

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 10201904032Q (22) 06/05/2019 (47) 15/12/2023

(54) MAINTAINING HEIGHT OF ALIGNMENT KEY IN SEMICONDUCTOR DEVICES

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 10201906813P (22) 23/07/2019 (47) 21/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) X-RAY DETECTOR, SEMICONDUCTOR MEMORY DEVICE INCLUDING THE SAME, METHOD OF TESTING SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING SEMICONDUCTOR MEMORY DEVICE

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 10201907156T (22) 02/08/2019 (47) 22/12/2023

(54) Vertical-Type Memory Device

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 10201909451P (22) 09/10/2019 (47) 22/12/2023

(54) Vertical Memory Devices And Methods Of Manufacturing The Same

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) SANOFI-AVENTIS

(21) 10201609105Y (22) 22/04/2009 (47) 06/12/2023

(54) ACYLAMINO-SUBSTITUTED FUSED CYCLOPENTANECARBOXYLIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) SASINAPAS CO., LTD.

(21) 11201908657V (22) 02/04/2018 (47) 15/12/2023

(54) ENGINEERED GRAM-NEGATIVE ENDOLYSINS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) SEABORG APS

(21) 11202107390X (22) 31/01/2020 (47) 06/12/2023

(54) STRUCTURAL MATERIAL FOR MOLTEN SALT REACTORS

(74)ONE LEGAL LLC

(71) SEMSYSCO GMBH

(21) 11202113072P (22) 27/01/2021 (47) 11/12/2023

(54) METHOD FOR A CHEMICAL AND/OR ELECTROLYTIC SURFACE TREATMENT OF A SUBSTRATE IN A PROCESS STATION

(74)RODYK IP

(71) SENJU METAL INDUSTRY CO., LTD.

(21) 11202303222V (22) 17/11/2021 (47) 21/12/2023

(54) SOLDER ALLOY, SOLDER BALL AND SOLDER JOINT

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) SEURAT TECHNOLOGIES, INC.

(21) 11202106043W (22) 19/12/2019 (47) 13/12/2023

(54) ADDITIVE MANUFACTURING SYSTEM USING A PULSE MODULATED LASER FOR TWO-DIMENSIONAL PRINTING

(74)PIZZEYS PTE. LTD.

(71) SG GAMING, INC.

(21) 11202102506P (22) 15/04/2019 (47) 04/12/2023

(54) CARD-HANDLING DEVICES AND RELATED METHODS, ASSEMBLIES, AND COMPONENTS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) SHANGHAI CLEAR FLUID BIOMEDICAL SCIENCE CO., LTD.

(21) 11201811555V (22) 29/06/2017 (47) 13/12/2023

(54) NOVEL NATURAL PROTEIN AND APPLICATION THEREOF

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) SHANGHAI CONSTRUCTION ENGINEERING SECOND CONSTRUCTION GROUP CO., LTD.

(21) 11202204777X (22) 06/08/2020 (47) 06/12/2023

(54) WATERPROOF CURTAINS AT ENDS OF UNDERWATER CHANNEL FOUNDATION PIT ALONG WATER BANKS

(74)MARKS & CLERK SINGAPORE LLP

(71) SHANGHAI JEMINCARE PHARMACEUTICALS CO., LTD;JIANGXI JEMINCARE GROUP CO., LTD

(21) 11202114435R (22) 28/06/2020 (47) 22/12/2023

(54) TRICYCLIC COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) SHARP KABUSHIKI KAISHA

(21) 10201913454U (22) 02/09/2016 (47) 25/12/2023

(54) TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT

(74)DREW & NAPIER LLC

(71) SHARP KABUSHIKI KAISHA;FG INNOVATION COMPANY LIMITED

(21) 11202009784U (22) 28/03/2019 (47) 22/12/2023

(54) ACCESS CONTROL METHOD AND USER EQUIPMENT

(74)DREW & NAPIER LLC

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 10202005842Q (22) 19/12/2016 (47) 22/12/2023
(54) PROCESS FOR THE PRODUCTION OF POLYURETHANE FOAMS
(74)DREW & NAPIER LLC

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 10202300383Y (22) 16/08/2017 (47) 18/12/2023
(54) METHANE OXIDATION CATALYST, PROCESS TO PREPARE THE SAME AND METHOD OF USING THE SAME
(74)DREW & NAPIER LLC

(71) SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.,
(21) 11202302964Q (22) 20/11/2020 (47) 06/12/2023
(54) ATOMIZING UNIT AND ATOMIZING DEVICE
(74)SHOOK LIN & BOK LLP

(71) SHIMIZU CORPORATION
(21) 11202012085R (22) 20/05/2019 (47) 11/12/2023
(54) MEMBER SUPPLY DEVICE
(74)DONALDSON & BURKINSHAW LLP

(71) SHIMIZU CORPORATION
(21) 11202107436U (22) 06/01/2020 (47) 13/12/2023
(54) INFORMATION DISPLAY SYSTEM AND INFORMATION DISPLAY METHOD
(74)DREW & NAPIER LLC

(71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 11202109342P (22) 24/03/2020 (47) 06/12/2023
(54) DEVICE AND METHOD FOR MANUFACTURING GROUP III NITRIDE SUBSTRATE
(74)DREW & NAPIER LLC

(71) SIKA TECHNOLOGY AG
(21) 11202107328W (22) 13/03/2020 (47) 12/12/2023
(54) SHRINKAGE REDUCER FOR MINERAL BINDER COMPOSITION AND ITS USE
(74)DONALDSON & BURKINSHAW LLP

(71) SIKA TECHNOLOGY AG
(21) 11202107329X (22) 13/03/2020 (47) 12/12/2023
(54) MINERAL BINDER COMPOSITION FOR 3D PRINTING

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)DONALDSON & BURKINSHAW LLP

(71) SILCOTEK CORP

(21) 11202105663X (22) 27/11/2019 (47) 15/12/2023

(54) FLUID CONTACT PROCESS, COATED ARTICLE, AND COATING PROCESS

(74)DONALDSON & BURKINSHAW LLP

(71) SILK TECHNOLOGIES, LTD.

(21) 11201901137U (22) 12/08/2017 (47) 15/12/2023

(54) SILK-DERIVED PROTEIN FOR TREATING INFLAMMATION

(74)AMICA LAW LLC

(71) SINGAPORE AIRLINES LIMITED

(21) 11202001910W (22) 03/10/2017 (47) 21/12/2023

(54) AIRCRAFT SEAT

(74)WITHERS KHATTARWONG LLP

(71) SINGAPORE HEALTH SERVICES PTE LTD

(21) 11201810694W (22) 05/06/2017 (47) 22/12/2023

(54) GENETIC ALTERATION IN ANTISENSE LONG NON-CODING RNA AS A BIOMARKER FOR SUSCEPTIBILITY TO DISEASE TREATMENT

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) SINGAPORE HEALTH SERVICES PTE LTD

(21) 11202301763P (22) 17/09/2021 (47) 14/12/2023

(54) METHODS AND SYSTEMS FOR POLARIZATION-SENSITIVE OPTICAL COHERENCE TOMOGRAPHY

(74)DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

(21) 11202109572Y (22) 06/03/2020 (47) 12/12/2023

(54) A STRUCTURE AND METHOD OF FORMING A STRUCTURE

(74)RODYK IP

(71) SIO2 MEDICAL PRODUCTS, INC.

(21) 10201903122S (22) 06/04/2015 (47) 26/12/2023

(54) THREE-POSITION PLUNGERS, FILM COATED PLUNGERS AND RELATED SYRINGE ASSEMBLIES

(74)ONE LEGAL LLC

(71) SMH CO., LTD.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 10201908835P (22) 28/10/2014 (47) 22/12/2023
(54) METATHESIS CATALYST ON MIXED METAL OXIDE-ZEOLITE SUPPORT AND PROCESS FOR USE THEREOF
(74)YUSARN AUDREY LLC
- (71) SOCIETE DES PRODUITS NESTLE S.A.
(21) 11202002432Q (22) 14/11/2018 (47) 06/12/2023
(54) A SYSTEM FOR MULTI-INGREDIENT BEVERAGE PREPARATION FROM VARIOUS CONTAINER TYPES
(74)ONE LEGAL LLC
- (71) SOFTBANK CORP.;TBCASOFT, INC.
(21) 11202000243V (22) 12/07/2018 (47) 04/12/2023
(54) CROSS NETWORK AUTHENTICATION METHOD AND SYSTEM
(74)W.P. LAI & COMPANY
- (71) SOLAR APPLIED MATERIALS TECHNOLOGY CORP.
(21) 10202107570X (22) 09/07/2021 (47) 04/12/2023
(54) COMPOSITE OXIDE TARGET AND MANUFACTURING METHOD THEREOF
(74)PYPRUS PTE LTD
- (71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY;GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD.
(21) 11201706622Q (22) 29/12/2015 (47) 28/12/2023
(54) METHOD AND DEVICE OF FILM STEPLESS BIAXIAL TENSION BASED ON SADDLE-SHAPED SURFACE TRANSITION
(74)GATEWAY LAW CORPORATION
- (71) SOVEREIGN WALLET CO., LTD.
(21) 10202108285S (22) 29/07/2021 (47) 26/12/2023
(54) BLOCKCHAIN SYSTEM THAT INCLUDES BANK NODES EACH HAVING SEPARATE LEDGERS FOR IDENTITY, DIGITAL CURRENCY AND OTHER FUNCTIONS, AND OPERATION METHOD THEREOF
(74)VIERING, JENTSCHURA & PARTNER LLP
- (71) ST ENGINEERING INNOSPARKS PTE LTD
(21) 11202251195Q (22) 07/07/2020 (47) 12/12/2023
(54) MULTI-MODE COOLING APPARATUS
(74)NANYANG LAW LLC
- (71) SUNTORY HOLDINGS LIMITED
(21) 11202005550Q (22) 26/12/2018 (47) 21/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) COMPOSITION FOR IMPROVING INTESTINAL BARRIER FUNCTION

(74) BIRD & BIRD ATMD LLP

(71) Samsung Electronics Co., Ltd.

(21) 10201901674P

(22) 26/02/2019

(47) 06/12/2023

(54) NON-VOLATILE MEMORY DEVICE AND INITIALIZATION INFORMATION READING METHOD THEREOF

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10201907010U

(22) 30/07/2019

(47) 07/12/2023

(54) Switching Element, Variable Resistance Memory Device, And Method Of Manufacturing The Switching Element

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10201907825P

(22) 23/08/2019

(47) 11/12/2023

(54) THREE-DIMENSIONAL SEMICONDUCTOR MEMORY DEVICES AND METHODS OF FABRICATING THE SAME

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10201908377Y

(22) 11/09/2019

(47) 22/12/2023

(54) STORAGE DEVICE AND OPERATING METHOD OF STORAGE DEVICE

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10201909379S

(22) 08/10/2019

(47) 11/12/2023

(54) ELECTRONIC CIRCUIT FOR CONTROLLING POWER

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Samsung Electronics Co., Ltd.

(21) 10202002213R

(22) 11/03/2020

(47) 26/12/2023

(54) METHOD OF PERFORMING INTERNAL PROCESSING OPERATIONS WITH PRE-DEFINED PROTOCOL INTERFACE OF MEMORY DEVICE

(74) VIERING, JENTSCHURA & PARTNER LLP

(71) Seagen Inc.

(21) 11201807827V

(22) 24/03/2017

(47) 14/12/2023

(54) PROCESS FOR THE PREPARATION OF PEGYLATED DRUG-LINKERS AND INTERMEDIATES THEREOF

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) SingPilot Pte. Ltd.

(21) 10201913873Q (22) 30/12/2019 (47) 21/12/2023

(54) Sequential Mapping And Localization (SMAL) For Navigation

(74)SYNERGY IP PTE LTD

(71) Skyworks Solutions, Inc.

(21) 10201609056P (22) 29/10/2015 (47) 05/12/2023

(54) Diversity Receiver Front End System With Impedance Matching Components

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) Skyworks Solutions, Inc.

(21) 10201911726T (22) 10/04/2015 (47) 04/12/2023

(54) Circuits And Methods Related To Switchless Carrier Aggregation In Radio-Frequency Receivers

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED

(21) 10202001227Q (22) 13/03/2014 (47) 20/12/2023

(54) SUBCUTANEOUS ADMINISTRATION OF ADAMTS13

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) TEMPLE THERAPEUTICS BV

(21) 11202012889Q (22) 27/06/2019 (47) 20/12/2023

(54) DOSING REGIMENS FOR TREATING HYPOXIA-ASSOCIATED TISSUE DAMAGE

(74)YUSARN AUDREY LLC

(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

(21) 11202011156Y (22) 21/06/2019 (47) 06/12/2023

(54) DIGITAL CERTIFICATE VERIFICATION METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

(21) 11202101175P (22) 13/02/2020 (47) 25/12/2023

(54) CONTROL METHOD FOR NODES IN DISTRIBUTED SYSTEM AND RELATED DEVICE

(74)MARKS & CLERK SINGAPORE LLP

(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 11202108571V (22) 20/08/2020 (47) 13/12/2023
(54) INFORMATION INTERACTION METHOD AND RELATED DEVICE
(74)MARKS & CLERK SINGAPORE LLP
- (71) TERUMO KABUSHIKI KAISHA
(21) 11201807578U (22) 04/03/2016 (47) 07/12/2023
(54) METHOD FOR ASSESSING PAIN CAUSED BY ADMINISTRATION OF DRUG SOLUTION, AND
METHOD FOR SELECTING DRUG SOLUTION ADMINISTRATION
(74)INFINITY LEGAL LLC
- (71) THE ELECTROSPINNING COMPANY LTD
(21) 11202102784T (22) 01/10/2019 (47) 08/12/2023
(54) MEMBRANE
(74)CANTAB IP PTE. LTD.
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(21) 11201803419P (22) 28/10/2016 (47) 21/12/2023
(54) METHODS OF GENERATING T-CELLS FROM STEM CELLS AND IMMUNOTHERAPEUTIC
METHODS USING THE T-CELLS
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
(21) 11201810642X (22) 21/06/2017 (47) 06/12/2023
(54) ALDOSE REDUCTASE INHIBITORS AND METHODS OF USE THEREOF
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
(21) 11202109550T (22) 06/03/2020 (47) 25/12/2023
(54) RNA-GUIDED DNA INTEGRATION USING TN7-LIKE TRANSPOSONS
(74)DAVIES COLLISON CAVE ASIA PTE. LTD.
- (71) THE TRUSTEES OF THE UNIVERSITY OF PENNESYLVANIA;Torqur AG
(21) 11201809652P (22) 17/05/2017 (47) 06/12/2023
(54) TREATMENT OF SKIN LESIONS
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) THE UNIVERSITY OF ADELAIDE
(21) 11201906359S (22) 08/12/2017 (47) 21/12/2023
(54) COMPOSITIONS AND METHODS FOR MATURATION OF OOCYTES IN VITRO
(74)DREW & NAPIER LLC

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) THE UNIVERSITY OF SYDNEY

(21) 11202110578Q (22) 31/03/2020 (47) 12/12/2023

(54) NON-CORE-SHELL POLYMER PARTICLES

(74) DAVIES COLLISON CAVE ASIA PTE. LTD.

(71) TIANJIN YUJIN ARTIFICIAL INTELLIGENCE MEDICAL TECHNOLOGY CO., LTD.

(21) 11202111737T (22) 09/04/2020 (47) 18/12/2023

(54) IMAGE RECOGNITION BASED WORKSTATION FOR EVALUATION ON QUALITY CHECK OF COLONOSCOPY

(71) TIGERQ AB

(21) 11202010053U (22) 02/04/2019 (47) 21/12/2023

(54) DETERMINATION OF FREQUENCY DISTRIBUTION OF NUCLEOTIDE SEQUENCE VARIANTS

(74) DREW & NAPIER LLC

(71) TMRW Foundation IP SARL

(21) 10202200575X (22) 20/01/2022 (47) 20/12/2023

(54) METHOD AND SYSTEM FOR PROVIDING IN-FLIGHT NETWORK COMMUNICATIONS

(74) BIRD & BIRD ATMD LLP

(71) TOKUYAMA CORPORATION

(21) 11202110173S (22) 12/03/2020 (47) 28/12/2023

(54) SILICA-TITANIA COMPOSITE OXIDE POWDER

(74) DREW & NAPIER LLC

(71) TOKUYAMA CORPORATION

(21) 11202253645J (22) 30/03/2021 (47) 14/12/2023

(54) SEMICONDUCTOR TREATMENT LIQUID AND METHOD FOR MANUFACTURING SAME

(74) PIZZEYS PTE. LTD.

(71) TOKYO ELECTRON LIMITED

(21) 11202200577T (22) 18/08/2020 (47) 13/12/2023

(54) SYNTHETIC WAVELENGTHS FOR ENDPOINT DETECTION IN PLASMA ETCHING

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) TOKYO ELECTRON LIMITED; UNIVERSITE D'ORLEANS

(21) 11202113367W (22) 02/06/2020 (47) 13/12/2023

(54) ETCHING METHOD AND ETCHING APPARATUS

(74) MARKS & CLERK SINGAPORE LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA

(21) 10202003723X (22) 23/04/2020 (47) 13/12/2023

(54) ELEVATOR USER DETECTION SYSTEM

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) TOTO LTD.

(21) 11202201157W (22) 28/08/2020 (47) 06/12/2023

(54) TOILET SEAT APPARATUS AND EXCREMENT DETECTION APPARATUS

(74) YUSARN AUDREY LLC

(71) TRIO LABS, INC.

(21) 11202109981P (22) 06/03/2020 (47) 21/12/2023

(54) METHOD AND APPARATUS FOR DIGITAL FABRICATION OF OBJECTS USING ACTUATED MICROPIXELATION AND DYNAMIC DENSITY CONTROL

(74) DREW & NAPIER LLC

(71) TVASTA MANUFACTURING SOLUTIONS PRIVATE LIMITED

(21) 11202200488V (22) 17/07/2020 (47) 31/12/2023

(54) A PUMP ASSEMBLY FOR A THREE-DIMENSIONAL PRINTING SYSTEM

(74) MARKS & CLERK SINGAPORE LLP

(71) Taiwan Liposome Company, Ltd.; TLC Biopharmaceuticals, Inc.

(21) 10201610887W (22) 05/07/2013 (47) 26/12/2023

(54) METHODS OF TREATING ARTHRITIS

(74) MARKS & CLERK SINGAPORE LLP

(71) Tata Consultancy Services Limited

(21) 10201913794P (22) 30/12/2019 (47) 12/12/2023

(54) METHOD AND SYSTEM FOR PREDICTION OF CORRECT DISCRETE SENSOR DATA BASED ON TEMPORAL UNCERTAINTY

(74) INFINITY LEGAL LLC

(71) Tech Onshore MEP-Prefabricators Pte. Ltd.

(21) 10201902972R (22) 03/04/2019 (47) 14/12/2023

(54) A HELICAL ELEVATING SYSTEM AND METHOD OF INSTALLATION OF MECHANICAL, ELECTRICAL AND PLUMBING (MEP) MODULES USING THE SAME

(74) W.P. LAI & COMPANY

(71) Tokyo Electron Limited

(21) 10202202242W (22) 07/03/2022 (47) 14/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) GAS TREATMENT APPARATUS

(74)AMICA LAW LLC

(71) UB-CARE S.R.L.

(21) 11202250001P

(22) 30/11/2020

(47) 08/12/2023

(54) METHOD FOR THE DETERMINATION OF SODIUM HYALURONATE CONTENT IN A HYDROGEL

(74)Amica Law LLC

(71) UBI PHARMA INC

(21) 11201710293V

(22) 10/06/2016

(47) 14/12/2023

(54) IMMUNOGLOBULIN FUSION PROTEINS AND USES THEREOF

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) UCB BIOPHARMA SRL

(21) 11202112000Y

(22) 18/06/2020

(47) 14/12/2023

(54) HPLC-BASED DETECTION OF FLOCCULATION AGENTS IN A PROTEIN SAMPLE

(74)DONALDSON & BURKINSHAW LLP

(71) UHA MIKAKUTO CO., LTD.

(21) 11201912068R

(22) 14/06/2017

(47) 12/12/2023

(54) CONFECTIONERY HAVING GRAPE-LIKE MOUTHFEEL

(74)DREW & NAPIER LLC

(71) UNITED TECHNOLOGIES CORPORATION

(21) 10201707207V

(22) 05/03/2014

(47) 11/12/2023

(54) CATHODIC ARC DEPOSITION STINGER

(74)DREW & NAPIER LLC

(71) UNIVATION TECHNOLOGIES, LLC

(21) 11202101334X

(22) 21/08/2019

(47) 20/12/2023

(54) BIMODAL POLYETHYLENE COPOLYMER AND FILM THEREOF

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) UNIVERSAL CITY STUDIOS LLC

(21) 11202000315X

(22) 10/07/2018

(47) 25/12/2023

(54) RETRACTABLE GATE SYSTEM

(74)MIRANDAH ASIA (SINGAPORE) PTE LTD

(71) UNIVERSITY OF SOUTHAMPTON

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

- (21) 11202109908P (22) 22/04/2020 (47) 25/12/2023
(54) ANTIRESONANT HOLLOW CORE FIBRE, PREFORM THEREFOR AND METHOD OF FABRICATION
(74)hslegal LLP
- (71) UNIVERSITÄT BERN
(21) 11201904015V (22) 29/11/2017 (47) 13/12/2023
(54) NOVEL BICYCLIC NUCLEOSIDES AND OLIGOMERS PREPARED THEREFROM
(74)AMICA LAW LLC
- (71) UNIVERSITÉ CATHOLIQUE DE LOUVAIN
(21) 11202008866W (22) 22/03/2019 (47) 22/12/2023
(54) METHOD OF ELECTROCHEMICALLY PROCESSING A SUBSTRATE AND INTEGRATED CIRCUIT DEVICE
(74)HENRY GOH (S) PTE LTD
- (71) UNIVERSITÉ LIBRE DE BRUXELLES
(21) 11202105291Q (22) 27/12/2019 (47) 25/12/2023
(54) DRY POWDER INHALATION FORMULATION AND ITS USE FOR THE THERAPEUTIC TREATMENT OF LUNGS
(74)MIRANDAH ASIA (SINGAPORE) PTE LTD
- (71) VECTUS BIOSYSTEMS LIMITED
(21) 11201902186U (22) 21/09/2017 (47) 28/12/2023
(54) COMPOSITIONS FOR THE TREATMENT OF HYPERTENSION AND/OR FIBROSIS
(74)WONG & LEOW LLC
- (71) VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT
(21) 11202103304W (22) 08/10/2019 (47) 28/12/2023
(54) MAINSTREAM DEAMMONIFICATION PROCESS EMPLOYING BYPASS PRIMARY EFFLUENT AND STEP FEEDING
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) VERILY LIFE SCIENCES LLC
(21) 11202100666Q (22) 24/07/2019 (47) 26/12/2023
(54) SYSTEMS AND METHODS FOR CONTINUOUS INSECT PUPAE SENSING
(74)SPRUSON & FERGUSON (ASIA) PTE LTD
- (71) VERONA PHARMA PLC
(21) 11202102567U (22) 09/10/2019 (47) 12/12/2023

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(54) PHARMACEUTICAL COMPOSITIONS COMPRISING RPL554 IN HFA-134A FOR ADMINISTRATION BY INHALATION

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) VERSUM MATERIALS US, LLC

(21) 11202202330R (22) 04/09/2020 (47) 21/12/2023

(54) COMPOSITIONS AND METHODS USING SAME FOR NON-CONFORMAL DEPOSITION OF SILICON-CONTAINING FILMS

(74)DONALDSON & BURKINSHAW LLP

(71) VICTAULIC COMPANY

(21) 11202203248U (22) 24/09/2020 (47) 14/12/2023

(54) OUTLET COUPLING

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) VIDEONETICS TECHNOLOGY PRIVATE LIMITED

(21) 11202008143W (22) 25/02/2019 (47) 15/12/2023

(54) SYSTEM FOR COMPUTATIONALLY EFFICIENT ANALYSIS OF TRAFFIC DETAILS IN TRAFFIC VIDEO STREAM AND A METHOD THEREOF

(74)LEE & LEE

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11201909589S (22) 19/04/2017 (47) 25/12/2023

(54) SYSTEM, METHOD, AND APPARATUS FOR CONDUCTING A SECURE TRANSACTION USING A REMOTE POINT-OF-SALE SYSTEM

(74)DREW & NAPIER LLC

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11202100203R (22) 04/06/2019 (47) 21/12/2023

(54) PUBLIC-PRIVATE KEY PAIR PROTECTED PASSWORD MANAGER

(74)DONALDSON & BURKINSHAW LLP

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11202104470X (22) 27/11/2018 (47) 22/12/2023

(54) POST-TRANSACTION TIPPING WITH MODIFIED TRANSACTION MESSAGE FIELDS

(74)PIZZEYS PTE. LTD.

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11202104633W (22) 09/11/2018 (47) 28/12/2023

(54) DISTRIBUTED ENTROPY SYSTEM AND METHOD

(74)DONALDSON & BURKINSHAW LLP

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11202107620Q (22) 01/10/2019 (47) 04/12/2023

(54) A DEEP LEARNING MODEL FOR LEARNING PROGRAM EMBEDDINGS

(74)DONALDSON & BURKINSHAW LLP

(71) VISA INTERNATIONAL SERVICE ASSOCIATION

(21) 11202008688V (22) 20/03/2018 (47) 31/12/2023

(54) DISTRIBUTED BIOMETRIC COMPARISON FRAMEWORK

(74)DONALDSON & BURKINSHAW LLP

(71) VITRO FLAT GLASS LLC

(21) 11202007459W (22) 04/02/2019 (47) 22/12/2023

(54) SOLAR CONTROL COATINGS WITH QUADRUPLE METALLIC LAYERS

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) VOESTALPINE PRECISION STRIP AB

(21) 11202113545V (22) 05/06/2020 (47) 25/12/2023

(54) STEEL STRIP FOR FLAPPER VALVES

(74)ELLA CHEONG LLC

(71) Versuni Holding B.V.

(21) 11202201707W (22) 09/04/2021 (47) 21/12/2023

(54) NOZZLE ARRANGEMENT CONFIGURED TO FACE A SURFACE TO BE CLEANED

(74)VIERING, JENTSCHURA & PARTNER LLP

(71) W. R. GRACE & CO.-CONN.;REPLIGEN CORPORATION

(21) 11201605712S (22) 15/01/2015 (47) 28/12/2023

(54) AFFINITY CHROMATOGRAPHY MEDIA AND CHROMATOGRAPHY DEVICES

(74)DREW & NAPIER LLC

(71) W.R. GRACE & CO. CONN.

(21) 11202000946R (22) 03/08/2018 (47) 22/12/2023

(54) SILICA-BASED MATTING AGENTS AND METHODS OF MAKING AND USING THE SAME

(74)DREW & NAPIER LLC

(71) WAYMO LLC

(21) 10202106031W (22) 14/11/2017 (47) 12/12/2023

(54) DYNAMIC ROUTING FOR AUTONOMOUS VEHICLES

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(74)MARKS & CLERK SINGAPORE LLP

(71) WELL BEING DIGITAL LIMITED

(21) 11201906342V (22) 24/01/2018 (47) 18/12/2023

(54) A DEVICE FOR IDENTIFYING A PERSON AND A METHOD THEREOF

(74)YUSARN AUDREY LLC

(71) WING AVIATION LLC

(21) 11202008691Y (22) 07/03/2019 (47) 21/12/2023

(54) PORTABLE AUTONOMOUS VEHICLE CONNECTIVITY PLATFORM

(74)SPRUSON & FERGUSON (ASIA) PTE LTD

(71) WUHAN NEUROPTH BIOTECHNOLOGY LIMITED COMPANY

(21) 11202101032V (22) 20/08/2019 (47) 08/12/2023

(54) COMPOSITIONS AND METHODS FOR TREATING LEBER'S HEREDITARY OPTIC NEUROPATHY

(74)PIZZEYS PTE. LTD.

(71) Wintech-Nano (Suzhou) Co., Ltd.;Wintech-Nano (Suzhou) Co., Ltd.

(21) 10202300321U (22) 08/02/2023 (47) 14/12/2023

(54) METHOD AND DEVICE FOR DETECTING WATER VAPOR INTRUSION PATH OF POLYMER ENCAPSULATED DEVICES

(74)Synergy IP Pte. Ltd.

(71) WÄRTSILÄ VOYAGE GMBH

(21) 11202011726W (22) 01/06/2018 (47) 20/12/2023

(54) METHOD, DEVICE AND APPARATUS FOR AUTONOMOUS DOCKING OF MARINE VESSEL

(74)NANYANG LAW LLC

(71) X-BRAIN CO., LTD.

(21) 11202100592U (22) 22/07/2019 (47) 21/12/2023

(54) PLASTIC MATERIAL VAPORIZING DEVICE, AND DEVICE AND METHOD FOR EXTRACTING HYDROCARBON COMPOUND FROM PLASTIC MATERIAL

(74)NANYANG LAW LLC

(71) ZAID BIN HAMZAH

(21) 10202109991Y (22) 10/09/2021 (47) 06/12/2023

(54) Method and System for Risk Determination in A Food Supply Chain

(74)Synergy IP Pte. Ltd.

PATENTS GRANTED UNDER SECTION 35 (Name Index) - cont'd

(71) ZEON CORPORATION

(21) 11202108995R

(22) 18/03/2020

(47) 08/12/2023

(54) ZEOLITE MEMBRANE COMPOSITE, AND SEPARATION METHOD AND PRODUCTION METHOD OF BRANCHED DIOLEFIN USING SAME

(74) MARKS & CLERK SINGAPORE LLP

(71) ZHEJIANG GUOZI ROBOTICS CO., LTD.

(21) 11201906595X

(22) 16/01/2017

(47) 04/12/2023

(54) METHOD FOR CARRYING GOODS BY ROBOT

(74) MARKS & CLERK SINGAPORE LLP

(71) ZHEJIANG SUNMIXER SANITARY WARE CO., LTD.

(21) 10202200372T

(22) 13/01/2022

(47) 04/12/2023

(54) Flow Division Water Outlet Device

(74) ADASTRA INTELLECTUAL PROPERTY PTE. LTD.

(71) ZTE CORPORATION

(21) 11202009512V

(22) 16/06/2017

(47) 12/12/2023

(54) METHODS FOR TRANSMISSION AND RECEPTION OF CONTROL INFORMATION IN A COORDINATED SYSTEM

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) ZTE CORPORATION

(21) 11202100229Q

(22) 12/08/2019

(47) 25/12/2023

(54) REPETITION TRANSMISSION METHOD AND APPARATUS, NETWORK DEVICE, AND COMPUTER READABLE STORAGE MEDIUM

(74) SPRUSON & FERGUSON (ASIA) PTE LTD

(71) bisy GmbH

(21) 11201805191S

(22) 22/12/2016

(47) 22/12/2023

(54) YEAST CELL

(74) CANTAB IP PTE. LTD.

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10201605241P	PARION SCIENCES, INC.
10201608631V	HOYA CORPORATION
10201609056P	Skyworks Solutions, Inc.
10201609105Y	SANOFI-AVENTIS
10201609717Y	ELI LILLY AND COMPANY
10201610248S	ARAGON PHARMACEUTICALS, INC.;SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
10201610249T	ARAGON PHARMACEUTICALS, INC.;SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
10201610416T	Incyte Holdings Corporation
10201610669R	MASTERCARD ASIA/PACIFIC PTE. LTD.
10201610887W	Taiwan Liposome Company, Ltd.;TLC Biopharmaceuticals, Inc.
10201701275X	HUAWEI TECHNOLOGIES CO., LTD.
10201705439Y	CORNING INCORPORATED
10201707207V	UNITED TECHNOLOGIES CORPORATION
10201801707X	Illumina, Inc.
10201803042P	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
10201803601S	GENZYME CORPORATION

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10201806093U	Amgen Inc.
10201810330X	ARLANXEO SINGAPORE PTE. LTD.
10201810791T	DELTA ELECTRONICS INT'L (SINGAPORE) PTE LTD
10201900137V	NANYANG TECHNOLOGICAL UNIVERSITY
10201900627T	OCADO INNOVATION LIMITED
10201901674P	Samsung Electronics Co., Ltd.
10201902118R	Align Technology, Inc.
10201902972R	Tech Onshore MEP-Prefabricators Pte. Ltd.
10201903122S	SIO2 MEDICAL PRODUCTS, INC.
10201903485W	AB INITIO TECHNOLOGY LLC
10201903916V	BIOFIRE DIAGNOSTICS, LLC.
10201904032Q	SAMSUNG ELECTRONICS CO., LTD.
10201905000V	Micromass UK Limited
10201905011R	LINTEC CORPORATION
10201905038S	Accenture Global Solutions Limited
10201906813P	SAMSUNG ELECTRONICS CO., LTD.
10201907010U	Samsung Electronics Co., Ltd.

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10201907130Y	EBARA CORPORATION
10201907156T	SAMSUNG ELECTRONICS CO., LTD.
10201907825P	Samsung Electronics Co., Ltd.
10201908377Y	Samsung Electronics Co., Ltd.
10201908835P	SMH CO., LTD.
10201909379S	Samsung Electronics Co., Ltd.
10201909451P	SAMSUNG ELECTRONICS CO., LTD.
10201909536Y	Ebara Corporation
10201911001U	NITTO DENKO CORPORATION
10201911726T	Skyworks Solutions, Inc.
10201913127U	Jiaxing Innocul Probiotics Co., Ltd;Hi-Beau Group Pte Ltd
10201913454U	SHARP KABUSHIKI KAISHA
10201913566P	ORINNO TECHNOLOGY PTE. LTD.;National Environment Agency
10201913794P	Tata Consultancy Services Limited
10201913873Q	SingPilot Pte. Ltd.
10202001227Q	TAKEDA PHARMACEUTICAL COMPANY LIMITED
10202002213R	Samsung Electronics Co., Ltd.

Patents granted under section 35 (Numerical Index) - cont'd

10202002353W	ASMPT Singapore Pte. Ltd.
10202002978T	L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
10202003723X	TOSHIBA ELEVATOR KABUSHIKI KAISHA
10202004257W	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
10202005270Y	DOLBY INTERNATIONAL AB
10202005402U	Evonik Oxeno GmbH & Co. KG
10202005842Q	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
10202009689W	PALL CORPORATION
10202010285Y	ACSL Ltd.
10202011019U	ISRAEL WEAPON INDUSTRIES (I.W.I) LTD.
10202011622T	Genting Plantations (WM) Sdn Bhd
10202012351U	PSK INC.
10202013124X	Medy-Tox Inc.
10202100670P	GROUP IB, LTD.
10202101238P	Advanced New Technologies Co., Ltd.
10202101442Q	KCTECH CO., LTD.

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10202101528X	Advanced New Technologies Co., Ltd.
10202101952X	Advanced New Technologies Co., Ltd.
10202102553S	KCL CONSULTANTS PTE LTD
10202103122V	PALL CORPORATION
10202103519V	Röhm GmbH
10202103551U	CARRIER CORPORATION
10202105395Y	EOS BIOMATERIALS INC.
10202105471S	MRM HK LIMITED
10202106031W	WAYMO LLC
10202106548R	Accenture Global Solutions Limited
10202106569Y	Alipay (Hangzhou) Information Technology Co., Ltd.
10202107532Y	800 SUPER WASTE MANAGEMENT PTE LTD
10202107536T	Alipay (Hangzhou) Information Technology Co., Ltd.
10202107570X	SOLAR APPLIED MATERIALS TECHNOLOGY CORP.
10202107992X	PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY
10202108285S	SOVEREIGN WALLET CO., LTD.

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10202108543V	Mitsui Chemicals, Inc.
10202108565S	PSK Holdings Inc.
10202109991Y	ZAID BIN HAMZAH
10202113067P	GRABTAXI HOLDINGS PTE. LTD.
10202114256P	EURODRILL GmbH
10202200105S	Alipay Labs (Singapore) Pte. Ltd.
10202200107W	ALIPAY LABS (SINGAPORE) PTE. LTD.
10202200255W	FLIHI TECHNOLOGY CO LTD
10202200372T	ZHEJIANG SUNMIXER SANITARY WARE CO., LTD.
10202200575X	TMRW Foundation IP SARL
10202202242W	Tokyo Electron Limited
10202202795R	KAOHSIUNG MEDICAL UNIVERSITY
10202203036Q	National Applied Research Laboratories
10202203638T	Evonik Oxeno GmbH & Co. KG
10202203640R	Evonik Oxeno GmbH & Co. KG
10202250965W	China Architecture Design & Research Group Co., Ltd
10202251500V	HAMAMATSU PHOTONICS K.K.

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10202251568V	GRABTAXI HOLDINGS PTE. LTD.
10202300321U	Wintech-Nano (Suzhou) Co., Ltd.;Wintech-Nano (Suzhou) Co., Ltd.
10202300383Y	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
11201605712S	W. R. GRACE & CO.-CONN.;REPLIGEN CORPORATION
11201703346P	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11201706352Q	LIFE TECHNOLOGIES CORPORATION
11201706622Q	SOUTH CHINA UNIVERSITY OF TECHNOLOGY;GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD.
11201710293V	UBI PHARMA INC
11201800076T	MARINOMED BIOTECH AG
11201800249U	MARA RENEWABLES CORPORATION
11201801282R	Rakuten Medical, Inc.
11201802867U	REGENERON PHARMACEUTICALS, INC.
11201803359V	Fundació Institut de Recerca Biomèdica (IRB BARCELONA);INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS;MERUS N.V.
11201803419P	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
11201804597T	DANA-FARBER CANCER INSTITUTE, INC.

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11201804961U	GENENTECH, INC.
11201805149X	AFIMMUNE LIMITED
11201805191S	bisy GmbH
11201805532X	INHIBRX, INC.
11201807578U	TERUMO KABUSHIKI KAISHA
11201807652S	HANGZHOU DAC BIOTECH CO, LTD
11201807827V	Seagen Inc.
11201807958U	BOSCH CORPORATION
11201808658R	INTEGRATED PLASTICS PTY LIMITED
11201808830Y	BIAL - R&D Investments, S.A.
11201809652P	THE TRUSTEES OF THE UNIVERSITY OF PENNESYLVANIA;Torqur AG
11201810642X	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
11201810694W	SINGAPORE HEALTH SERVICES PTE LTD
11201811482Y	CORNELL UNIVERSITY
11201811555V	SHANGHAI CLEAR FLUID BIOMEDICAL SCIENCE CO., LTD.
11201811556R	GUARDANT HEALTH, INC.

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11201900459R	HOPE MEDICINE (NANJING) CO., LTD.
11201901126U	MERCK PATENT GMBH
11201901137U	SILK TECHNOLOGIES, LTD.
11201901608V	HUAWEI TECHNOLOGIES CO., LTD.
11201901624R	EPIAXIS THERAPEUTICS PTY LTD
11201901874Y	RIKEN IMMUNE REGENERATIVE MEDICINE INC.
11201902083R	QUALCOMM INCORPORATED
11201902084Q	QUALCOMM INCORPORATED
11201902087X	QUALCOMM INCORPORATED
11201902186U	VECTUS BIOSYSTEMS LIMITED
11201902194X	REGENERON PHARMACEUTICALS, INC.
11201902232Y	APPLIED MATERIALS, INC.
11201902655T	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11201903055U	ORIC PHARMACEUTICALS, INC.
11201903084U	Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.
11201903887Q	LYSANDO AG
11201904015V	UNIVERSITÄT BERN

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11201904430U	GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD
11201904436P	ALLIGATOR BIOSCIENCE AB
11201904907P	HK INNO.N CORPORATION
11201905005T	LIFTING POINT PRE-FORM PTY LIMITED
11201905047R	MITOBRIDGE, INC.
11201905391W	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA
11201905463T	MICROSOFT TECHNOLOGY LICENSING, LLC
11201905638Y	NANOBIOTIX
11201905981Q	ILLUMINA, INC.
11201906173Q	RHEA GENETICS PTE. LTD.
11201906263P	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
11201906342V	WELL BEING DIGITAL LIMITED
11201906359S	THE UNIVERSITY OF ADELAIDE
11201906436V	DAEWOONG PHARMACEUTICAL CO., LTD.
11201906595X	ZHEJIANG GUOZI ROBOTICS CO., LTD.
11201906704P	BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.

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11201906992Y	MURATA MACHINERY, LTD.
11201907084V	GENFIT
11201907280Q	ACT Genomics (IP) Limited
11201907341Q	ANGEL PLAYING CARDS CO., LTD.
11201907368S	BRAIN CORPORATION
11201907720R	EV GROUP E. THALLNER GMBH
11201908217S	EXXONMOBIL CHEMICAL PATENTS INC.
11201908457W	CERECIN INC.
11201908579P	CUBICSTARS, INC.
11201908657V	SASINAPAS CO., LTD.
11201908766P	10644137 CANADA INC.
11201909042Q	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11201909240S	OTSUKA PHARMACEUTICAL FACTORY, INC.
11201909531V	HUAWEI TECHNOLOGIES CO., LTD.
11201909589S	VISA INTERNATIONAL SERVICE ASSOCIATION
11201909903V	LZLABS GMBH
11201910620T	EV GROUP E. THALLNER GMBH

Patents granted under section 35 (Numerical Index) - cont'd

11201910789R	D.A.CONSORTIUM INC.
11201911052Y	BEIJING ADAMADLE BIOTECHNOLOGY LIMITED LIABILITY COMPANY
11201911530R	ILLUMINA, INC.
11201911538Y	ILLUMINA, INC.
11201912068R	UHA MIKAKUTO CO., LTD.
11201912139P	HUAWEI TECHNOLOGIES CO., LTD.
11201912298Q	AVACTA LIFE SCIENCES LIMITED
11202000242P	REGENERON PHARMACEUTICALS, INC.
11202000243V	SOFTBANK CORP.;TBCASOFT, INC.
11202000315X	UNIVERSAL CITY STUDIOS LLC
11202000946R	W.R. GRACE & CO. CONN.
11202001310S	IKENA ONCOLOGY, INC.
11202001910W	SINGAPORE AIRLINES LIMITED
11202002414S	INNOSPEC LIMITED
11202002432Q	SOCIETE DES PRODUITS NESTLE S.A.
11202002549W	BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
11202003106R	JBM INCORPORATION

Patents granted under section 35 (Numerical Index) - cont'd

11202003168W	ARCELLX, INC.
11202003912R	CRESCENDO BIOLOGICS LIMITED
11202004406V	NOVARTIS AG
11202004495P	HAI ROBOTICS CO., LTD.
11202004603U	KAO CORPORATION
11202004735Y	Advanced New Technologies Co., Ltd.
11202004989P	EATON INTELLIGENT POWER LIMITED
11202005041V	EAVOR TECHNOLOGIES INC.
11202005080V	BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
11202005470S	BASF SE;WAYNE STATE UNIVERSITY
11202005520Y	NESTE OYJ
11202005550Q	SUNTORY HOLDINGS LIMITED
11202005809T	GENZYME CORPORATION
11202005839V	NISSAN CHEMICAL CORPORATION
11202005874T	IMPETIS BIOSCIENCES LTD.
11202006135T	Advanced New Technologies Co., Ltd.

Patents granted under section 35 (Numerical Index) - cont'd

11202006409T	ABBISKO THERAPEUTICS CO., LTD.
11202006410W	GENZYME CORPORATION
11202006726U	KOLON LIFE SCIENCE, INC.
11202006906X	RECURIUM IP HOLDINGS, LLC
11202007021V	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202007045S	MAERSK A/S
11202007459W	VITRO FLAT GLASS LLC
11202007726R	GENENTECH, INC.
11202007924T	Illumina Singapore Pte. Ltd.
11202008143W	VIDEONETICS TECHNOLOGY PRIVATE LIMITED
11202008433Q	ELICIO THERAPEUTICS INC.
11202008561Q	HITACHI, LTD.
11202008688V	VISA INTERNATIONAL SERVICE ASSOCIATION
11202008691Y	WING AVIATION LLC
11202008866W	UNIVERSITÉ CATHOLIQUE DE LOUVAIN
11202009153Q	SALUNDA LIMITED
11202009282X	DOC MEDIKUS GMBH

Patents granted under section 35 (Numerical Index) - cont'd

11202009364Q	CHEMSIL SILICONES, INC.
11202009430T	HUMANSCALE CORPORATION
11202009512V	ZTE CORPORATION
11202009640P	BROTHER KOGYO KABUSHIKI KAISHA
11202009653S	BROTHER KOGYO KABUSHIKI KAISHA
11202009776Q	HUAWEI TECHNOLOGIES CO., LTD.
11202009784U	SHARP KABUSHIKI KAISHA;FG INNOVATION COMPANY LIMITED
11202009914S	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
11202009969V	CYBEROPTICS CORPORATION
11202010053U	TIGERQ AB
11202010206V	FUTEK ADVANCED SENSOR TECHNOLOGY
11202010229V	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202010299Q	BEIJING MICROLIVE VISION TECHNOLOGY CO., LTD
11202010524R	CRRC QINGDAO SIFANG CO., LTD.
11202010627Q	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202010751X	MJN U.S. HOLDINGS LLC
11202010862V	OXFORD UNIVERSITY INNOVATION LIMITED

Patents granted under section 35 (Numerical Index) - cont'd

11202011126V	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202011154R	IHI CORPORATION
11202011156Y	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
11202011291U	EAGLEBURGMANN GERMANY GMBH & CO. KG
11202011489X	COUPANG CORP.
11202011726W	WÄRTSILÄ VOYAGE GMBH
11202011898Q	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE;CHINA MOBILE COMMUNICATIONS GROUP CO.,LTD.
11202011950W	REGENTS OF THE UNIVERSITY OF MINNESOTA
11202012085R	SHIMIZU CORPORATION
11202012099V	RUBEDO LIFE SCIENCES, INC.
11202012120V	DYSON TECHNOLOGY LIMITED
11202012130S	ROXTEC AB
11202012278X	IHI CORPORATION
11202012280Y	IHI CORPORATION
11202012602Y	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

Patents granted under section 35 (Numerical Index) - cont'd

11202012665X	EJOT SE & CO. KG
11202012753S	ILLUMINA, INC.
11202012812P	ILLUMINA, INC.
11202012848P	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
11202012889Q	TEMPLE THERAPEUTICS BV
11202012989V	CAROMA INDUSTRIES LIMITED;MICAS AG
11202013146X	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202100020Y	Evonik Operations GmbH
11202100103Y	ARUN AGARWAL;SONIA AGARWAL
11202100180X	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT
11202100203R	VISA INTERNATIONAL SERVICE ASSOCIATION
11202100229Q	ZTE CORPORATION
11202100299T	NAMU TECH CO., LTD.;ACORNSOFT CO., LTD.
11202100329V	KONINKLIJKE PHILIPS N.V.
11202100588S	10X GENOMICS, INC.
11202100592U	X-BRAIN CO., LTD.
11202100651X	ADVANCED NEW TECHNOLOGIES CO., LTD.

Patents granted under section 35 (Numerical Index) - cont'd

11202100666Q	VERILY LIFE SCIENCES LLC
11202100676X	CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD.
11202100857W	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202100920X	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202100964T	NESTE OYJ
11202100968Y	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202101032V	WUHAN NEUROPHTH BIOTECHNOLOGY LIMITED COMPANY
11202101175P	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
11202101334X	UNIVATION TECHNOLOGIES, LLC
11202101782Y	LIFE TECHNOLOGIES CORPORATION
11202101859V	L'OREAL
11202102071P	L'OREAL
11202102163S	NUTCRACKER THERAPEUTICS, INC.
11202102164P	NUTCRACKER THERAPEUTICS, INC.
11202102181X	DAIKIN INDUSTRIES, LTD.
11202102220P	DOW GLOBAL TECHNOLOGIES LLC

Patents granted under section 35 (Numerical Index) - cont'd

11202102330P	L'OREAL
11202102331S	INOVA SEMICONDUCTORS GMBH
11202102370V	ALIPAY LABS (SINGAPORE) PTE. LTD.
11202102447U	COLOREEL GROUP AB
11202102449Q	COLOREEL GROUP AB
11202102457W	AAH HOLDINGS LLC
11202102463X	HOYA CORPORATION
11202102506P	SG GAMING, INC.
11202102510W	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202102567U	VERONA PHARMA PLC
11202102784T	THE ELECTROSPINNING COMPANY LTD
11202102964S	DENNEROLL HOLDINGS PTY LTD
11202103033W	Lenz Therapeutics, Inc.
11202103099T	CENTRAL SOUTH UNIVERSITY
11202103138Y	L'OREAL
11202103280W	MJNN LLC
11202103304W	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT

Patents granted under section 35 (Numerical Index) - cont'd

11202103322P	NANOFILM TECHNOLOGIES INTERNATIONAL LIMITED
11202103338R	NANOFILM TECHNOLOGIES INTERNATIONAL LIMITED
11202103362W	HOWARD, Randall, Barton
11202103580V	mitsubishi shipbuilding co., ltd.
11202103582R	mitsubishi shipbuilding co., ltd.
11202104056Y	ADVANCED NEW TECHNOLOGIES CO., LTD.
11202104119P	BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.
11202104470X	VISA INTERNATIONAL SERVICE ASSOCIATION
11202104511Q	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
11202104633W	VISA INTERNATIONAL SERVICE ASSOCIATION
11202104962Q	FLASKWORKS, LLC
11202105068Y	KORTUC JAPAN LLC
11202105223Y	ACTIV'INSIDE
11202105258U	NITTO BOSEKI CO., LTD.
11202105291Q	UNIVERSITÉ LIBRE DE BRUXELLES
11202105302P	CHUGAI SEIYAKU KABUSHIKI KAISHA

Patents granted under section 35 (Numerical Index) - cont'd

11202105427Y	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202105431V	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202105432W	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202105433T	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202105582W	ON CLOUDS GMBH
11202105613P	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202105663X	SILCOTEK CORP
11202105857R	GLOBALWAFERS CO., LTD.
11202105947V	HYMETH APS
11202106019S	BEYELER, Patrick G.
11202106043W	SEURAT TECHNOLOGIES, INC.
11202106228V	ELTA SYSTEMS LTD.
11202106420Q	Resonac Corporation
11202106870S	MITSUBISHI CHEMICAL CORPORATION
11202107328W	SIKA TECHNOLOGY AG
11202107329X	SIKA TECHNOLOGY AG
11202107390X	SEABORG APS

Patents granted under section 35 (Numerical Index) - cont'd

11202107411X	KCC CORPORATION
11202107436U	SHIMIZU CORPORATION
11202107466V	Drupps AB
11202107484V	DAICEL CORPORATION
11202107564W	QUALCOMM INCORPORATED
11202107620Q	VISA INTERNATIONAL SERVICE ASSOCIATION
11202107642V	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202107665V	GIVAUDAN SA
11202107675W	QUALCOMM INCORPORATED
11202107962Y	DAIKIN INDUSTRIES, LTD.
11202108242R	JFE STEEL CORPORATION
11202108401Y	MICROSOFT TECHNOLOGY LICENSING, LLC
11202108460V	MEXICHEM FLUOR S.A. DE C.V.
11202108571V	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
11202108792W	BRISTOL-MYERS SQUIBB COMPANY
11202108828S	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202108995R	ZEON CORPORATION

Patents granted under section 35 (Numerical Index) - cont'd

11202109062T	INGENUITY FOODS, INC.
11202109281Y	PEARLS OF WISDOM ADVANCED TECHNOLOGIES LTD
11202109317Q	APPLIED MATERIALS, INC.
11202109342P	SHIN-ETSU CHEMICAL CO., LTD.
11202109413U	Proterial, Ltd.
11202109434U	BROADRIDGE FIXED INCOME LIQUIDITY SOLUTIONS, LLC
11202109506Y	Resonac Corporation
11202109550T	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
11202109572Y	SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN
11202109787Y	LUBRIZOL ADVANCED MATERIALS, INC.
11202109793V	GAZTRANSPORT ET TECHNIGAZ
11202109797S	LAM RESEARCH CORPORATION
11202109813W	IHI CORPORATION
11202109829P	INTERNATIONAL BUSINESS MACHINES CORPORATION
11202109908P	UNIVERSITY OF SOUTHAMPTON
11202109981P	TRIO LABS, INC.

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11202110015X	MKS INSTRUMENTS, INC.
11202110173S	TOKUYAMA CORPORATION
11202110192V	OXFORD UNIVERSITY INNOVATION LIMITED
11202110313Q	GAZTRANSPORTS ET TECHNIGAZ
11202110316V	GAZTRANSPORT ET TECHNIGAZ
11202110333T	AMOREPACIFIC CORPORATION
11202110402U	F. HOFFMANN-LA ROCHE AG
11202110578Q	THE UNIVERSITY OF SYDNEY
11202110583Q	Resonac Corporation
11202110620Q	LEONARDO S.P.A.
11202110675W	MKS INSTRUMENTS, INC.
11202110684U	MTAMTECH INC.
11202110715Q	CARBOFEX OY
11202110765Y	OERLIKON AM GMBH
11202110767V	AAK AB (PUBL)
11202110788R	KORTUC INC.
11202110863T	AZUL 3D, INC.

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11202110999P	Beijing Bytedance Network Technology Co., Ltd.;Bytedance Inc.
11202111043R	GUANGZHOU HUYA INFORMATION TECHNOLOGY CO., LTD.
11202111068W	DOW GLOBAL TECHNOLOGIES LLC;THE TEXAS A&M UNIVERSITY SYSTEM
11202111110R	LIQUIDSTACK HOLDING B.V
11202111477P	Nanjing Silicon Intelligence Technology Co., Ltd.
11202111737T	TIANJIN YUJIN ARTIFICIAL INTELLIGENCE MEDICAL TECHNOLOGY CO., LTD.
11202111853U	GIVI S.P.A.
11202112000Y	UCB BIOPHARMA SRL
11202112167R	OTERAP HOLDING BV
11202112403U	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED;TOHOKU UNIVERSITY
11202112883P	Resonac Corporation
11202112920S	F. HOFFMANN-LA ROCHE AG
11202113072P	SEMSYSCO GMBH
11202113367W	TOKYO ELECTRON LIMITED;UNIVERSITE D'ORLEANS
11202113404Q	REACTIVE TECHNOLOGIES LIMITED

Patents granted under section 35 (Numerical Index) - cont'd

11202113474P	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED;TOHOKU UNIVERSITY
11202113520U	LIGHTOX LIMITED
11202113545V	VOESTALPINE PRECISION STRIP AB
11202113797S	DOW GLOBAL TECHNOLOGIES LLC
11202113834X	KOBAYASHI PHARMACEUTICAL CO., LTD.
11202113848V	ME IN GOLD CO., LTD.
11202114111T	Bytedance Inc.
11202114123Y	Bytedance Inc.
11202114420P	KOTOBUKI SEIHAN PRINTING CO., LTD.
11202114435R	SHANGHAI JEMINCARE PHARMACEUTICALS CO., LTD;JIANGXI JEMINCARE GROUP CO., LTD
11202200088P	NATIONAL UNIVERSITY OF SINGAPORE
11202200239P	EVONIK OPERATIONS GMBH
11202200241Y	EVONIK OPERATIONS GMBH
11202200294P	NICHIAS CORPORATION
11202200488V	TVASTA MANUFACTURING SOLUTIONS PRIVATE LIMITED
11202200577T	TOKYO ELECTRON LIMITED

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11202200588X	IDEMITSU KOSAN CO.,LTD.
11202200701Y	Beijing Bytedance Network Technology Co., Ltd.;Bytedance Inc.
11202201157W	TOTO LTD.
11202201423Q	NUPROTEIN CO., LTD.
11202201707W	Versuni Holding B.V.
11202202330R	VERSUM MATERIALS US, LLC
11202202558S	MIMICA LAB LTD
11202202671T	MURATA MACHINERY, LTD.
11202202863Q	INDIAN COUNCIL OF MEDICAL RESEARCH
11202203248U	VICTAULIC COMPANY
11202203663P	ESCO ASTER PTE. LTD.
11202204382Y	MEMBION GMBH
11202204573U	CHINA PETROLEUM & CHEMICAL CORPORATION;RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC
11202204609P	CHINA PETROLEUM & CHEMICAL CORPORATION;RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC
11202204777X	SHANGHAI CONSTRUCTION ENGINEERING SECOND CONSTRUCTION GROUP CO., LTD.
11202205025R	ASA-ENERGIE GMBH

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11202205349P	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
11202250001P	UB-CARE S.R.L.
11202250196B	ENVISION DIGITAL INTERNATIONAL PTE. LTD.;SHANGHAI ENVISION DIGITAL CO., LTD.
11202250247Y	BLINK AG
11202250321Q	LOMANTO, Davide
11202250419N	LUNELLA BIOTECH, INC.
11202250681K	DOW GLOBAL TECHNOLOGIES LLC
11202250752D	KAO CORPORATION
11202251195Q	ST ENGINEERING INNOSPARKS PTE LTD
11202251261J	FABLE HOLDINGS PTY LTD
11202251630J	FURUKAWA ELECTRIC CO., LTD.
11202252535M	KURITA WATER INDUSTRIES LTD.
11202252557M	MURATA MACHINERY, LTD.
11202253402X	COLHURST COVERS, LLC
11202253556F	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
11202253645J	TOKUYAMA CORPORATION

Patents granted under section 35 (Numerical Index) - cont'd

11202260145S	NIPPON MICROMETAL CORPORATION
11202260692W	mitsubishi heavy industries environmental & chemical engineering co., ltd.
11202260958Q	MAI INTERNATIONAL GMBH
11202300821Q	MIZKAN HOLDINGS CO., LTD.
11202301763P	SINGAPORE HEALTH SERVICES PTE LTD
11202302964Q	SHENZHEN HUACHENGDA PRECISION INDUSTRY CO. LTD.,
11202303141X	BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.
11202303222V	SENJU METAL INDUSTRY CO., LTD.
11202303362V	mitsubishi heavy industries environmental & chemical engineering co., ltd.
11202303891X	mitsubishi heavy industries environmental & chemical engineering co., ltd.
11202304780S	mitsubishi heavy industries, ltd.
11202305716S	CHANGZHOU MINGSEAL ROBOT TECHNOLOGY CO., LTD.;MINGSEAL ROBOT TECHNOLOGY (DONGGUAN) CO., LTD.

APPLICATIONS WITHDRAWN, REFUSED, TAKEN TO BE ABANDONED - cont'd

APPLICATIONS WITHDRAWN, REFUSED, TAKEN TO BE ABANDONED

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10202005344Y	10202109421V	10202250775C	10202250837V	10202250847P
10202250849U	10202250850H	10202260354Y	10202260461R	10202260635V
10202300758S	10202302809X	11202004799T	11202204020W	11202253988R

ORDERS MADE FOR RESTORING PATENTS UNDER SECTION 39 - cont'd

ORDERS MADE FOR RESTORING PATENTS UNDER SECTION 39

This index lists patents in ascending order of date of restoration.

Date of Restoration: 11/12/2023

(21) 10201809163Q

(71) emz-Hanauer GmbH & Co. KGaA

(54) ELECTRONIC BLOCKING LIST MANAGEMENT SYSTEM AND METHOD FOR CHECKING
AUTHORISATION TO USE A RUBBISH RECEPTACLE

Date of Restoration: 19/12/2023

(21) 11201804795S

(71) MICRON TECHNOLOGY, INC.

(54) APPARATUSES AND METHODS FOR EXITING LOW POWER STATES IN MEMORY DEVICES

PATENTS RENEWED UNDER SECTION 36 - cont'd

PATENTS RENEWED UNDER SECTION 36

This Index lists patents in ascending Application No order within the year renewed for.
5th Year

(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universittsmedizin der Johannes Gutenberg-Universitt Mainz gemeinntzige GmbH
(21) 10201610585W	(71) MasterCard International Incorporated
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610669R	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201701042T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201702179R	(71) Rearden, LLC
(21) 10201702326T	(71) ST ENGINEERING ELECTRONICS LTD.
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201704622Y	(71) GILEAD SCIENCES, INC.
(21) 10201705320P	(71) Lam Research Corporation
(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201706484X	(71) DISCO CORPORATION
(21) 10201707070R	(71) EBARA CORPORATION
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201707557Q	(71) Lam Research Corporation
(21) 10201707559T	(71) Lam Research Corporation
(21) 10201708389S	(71) SOITEC
(21) 10201708448U	(71) Lam Research Corporation
(21) 10201708542R	(71) GENENTECH, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201709216V	(71) ROLLS-ROYCE PLC
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201800703V	(71) DISCO CORPORATION
(21) 10201801707X	(71) Illumina, Inc.
(21) 10201801817Q	(71) Lam Research Corporation
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201803812T	(71) SAGE THERAPEUTICS, INC.
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201804780S	(71) Disco Corporation
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201806913U	(71) THALES
(21) 10201808726R	(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
(21) 10201809163Q	(71) emz-Hanauer GmbH & Co. KGaA
(21) 10201809166V	(71) Keppel FELS Limited; NATIONAL UNIVERSITY OF SINGAPORE
(21) 10201810467Q	(71) TEMASEK POLYTECHNIC
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201901988R	(71) VERSUM MATERIALS US, LLC
(21) 10201902538W	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 10201902972R	(71) Tech Onshore MEP-Prefabricators Pte. Ltd.
(21) 10201903225W	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201903807P	(71) Samsung Electronics Co., Ltd.
(21) 10201904982V	(71) Samsung Electronics Co., Ltd.
(21) 10201905607U	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201906216R	(71) EBARA CORPORATION
(21) 10201907132S	(71) EBARA CORPORATION
(21) 10201907284Y	(71) Ebara Corporation
(21) 10201907374S	(71) PALL CORPORATION
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201909379S	(71) Samsung Electronics Co., Ltd.
(21) 10201911416R	(71) Skyworks Solutions, Inc.
(21) 10201911588R	(71) SK hynix Inc.
(21) 10201912377W	(71) Prajak Kittiratanaviwat
(21) 10201912472U	(71) PT GoTo Gojek Tokopedia Tbk

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201912830Y	(71) EUROIMMUN Medizinische Labordiagnostika AG
(21) 10201912999V	(71) Islamic Development Bank Institute
(21) 10201913320V	(71) Jumio Corporation
(21) 10201913390X	(71) HSIEH, CHUNG-HSIEN
(21) 10201913414W	(71) Tokyo Electron Limited
(21) 10201913427P	(71) Kajima Corporation
(21) 10201913737W	(71) UNION WINNER INTERNATIONAL CO., LTD.
(21) 10201913910T	(71) Jumio Corporation
(21) 10201913966T	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10201914004P	(71) The Boeing Company
(21) 10202000036Q	(71) AU OPTRONICS CORPORATION
(21) 10202000058X	(71) Evonik Oxeno GmbH & Co. KG
(21) 10202000091W	(71) Disco Corporation
(21) 10202000100Y	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202000121Q	(71) BABYZEN
(21) 10202000133T	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202000134R	(71) Alipay Labs (Singapore) Pte. Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202000173W	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202000181P	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202000208R	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202000214W	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202000215R	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202000249Y	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202000252Q	(71) DISCO CORPORATION
(21) 10202000426W	(71) Shin-Etsu Chemical Co., Ltd.
(21) 10202000520Q	(71) Versum Materials US, LLC
(21) 10202000574X	(71) DISCO CORPORATION
(21) 10202000576Q	(71) DISCO CORPORATION
(21) 10202000584U	(71) Versum Materials US, LLC
(21) 10202000707Q	(71) SUNPOWER GRAND HOLDINGS PTE. LTD.
(21) 10202000757Y	(71) DISCO CORPORATION
(21) 10202000758W	(71) DISCO CORPORATION
(21) 10202000762W	(71) DISCO CORPORATION
(21) 10202000788Q	(71) CARRIER CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202000853U	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 10202000917R	(71) Tata Consultancy Services Limited
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202000965Y	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202000973R	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202001002U	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202001079Q	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202001222V	(71) Alipay Labs (Singapore) Pte. Ltd.
(21) 10202001336T	(71) GRIFOLS WORLDWIDE OPERATIONS LIMITED
(21) 10202001383Q	(71) Versum Materials US, LLC
(21) 10202001528T	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202001559W	(71) ALIPAY LABS (SINGAPORE) PTE. LTD.
(21) 10202001731R	(71) Toshiba Lifestyle Products & Services Corporation
(21) 10202001870V	(71) RotaChrom Technolgiai Zrt.
(21) 10202001963T	(71) GROUP-IB GLOBAL PRIVATE LIMITED
(21) 10202002353W	(71) ASMPT Singapore Pte. Ltd.
(21) 10202002596U	(71) ASMPT Singapore Pte. Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202002664Q	(71) Sustainable Energy Limited
(21) 10202010406P	(71) MAWETAL LLC
(21) 10202012631S	(71) VERSUM MATERIALS US, LLC
(21) 10202100183U	(71) Jumio Corporation
(21) 10202101528X	(71) Advanced New Technologies Co., Ltd.
(21) 10202101532Q	(71) Advanced New Technologies Co., Ltd.
(21) 10202101952X	(71) Advanced New Technologies Co., Ltd.
(21) 10202103396W	(71) Advanced New Technologies Co., Ltd.
(21) 10202103740T	(71) Advanced New Technologies Co., Ltd.
(21) 10202105785R	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 10202106015U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10202106031W	(71) WAYMO LLC
(21) 10202106085V	(71) Advanced New Technologies Co., Ltd.
(21) 10202106381W	(71) COMPOSECURE, LLC
(21) 10202107348R	(71) BGC PARTNERS, L.P.
(21) 10202107804W	(71) LION CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202107814Q	(71) LION CORPORATION
(21) 10202108292Q	(71) AMERICORP INVESTMENTS LLC
(21) 10202112655T	(71) CARIBOU BIOSCIENCES, INC.
(21) 10202113280X	(71) POLYPHOR AG
(21) 10202251500V	(71) HAMAMATSU PHOTONICS K.K.
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201709730V	(71) NANOBLOTIX
(21) 11201802867U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201804394R	(71) GEMALTO SA
(21) 11201806419R	(71) SUTRO BIOPHARMA, INC.
(21) 11201806946V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201807004S	(71) AIRPORT AUTHORITY; D2V LIMITED
(21) 11201807652S	(71) HANGZHOU DAC BIOTECH CO, LTD
(21) 11201808024R	(71) APPLIED MATERIALS, INC.
(21) 11201808291Y	(71) LINTEC CORPORATION
(21) 11201808566W	(71) BAYER PHARMA AKTIENGESELLSCHAFT
(21) 11201808604X	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201809387Q	(71) THE SCRIPPS RESEARCH INSTITUTE
(21) 11201809575T	(71) CODEXIS, INC.
(21) 11201809627Q	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 11201809725T	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201809856S	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201810429U	(71) MORPHOSYS AG
(21) 11201810611Y	(71) ILLUMINA CAMBRIDGE LIMITED
(21) 11201811005X	(71) nCHAIN HOLDINGS LIMITED
(21) 11201811126S	(71) SUMCO CORPORATION
(21) 11201811478T	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811479R	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811510T	(71) SUEZ INTERNATIONAL
(21) 11201811521S	(71) KABUSHIKI KAISHA YAKULT HONSHA
(21) 11201811808V	(71) Beijing OceanBase Technology Co., Ltd.
(21) 11201900090T	(71) MINGSIGHT PHARMACEUTICALS, INC.
(21) 11201900133W	(71) SPHINGOTEC GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201900244Q	(71) BEIJING QIYI CENTURY SCIENCE & TECHNOLOGY CO., LTD.
(21) 11201900492Y	(71) NIHON MATAI CO., LTD.
(21) 11201900554Y	(71) Tenacia Biotechnology (Hong Kong) Co., Limited
(21) 11201900663U	(71) XINTELA AB
(21) 11201901141W	(71) BeiGene Switzerland GmbH
(21) 11201901504T	(71) CJ CHEILJEDANG CORPORATION
(21) 11201901603R	(71) OBLIQUE THERAPEUTICS AB
(21) 11201901743W	(71) CORNING INCORPORATED
(21) 11201901752R	(71) CJ CHEILJEDANG CORPORATION
(21) 11201901968T	(71) C. R. Bard, Inc.
(21) 11201902024P	(71) Kyowa Kirin Co., Ltd.
(21) 11201902053Y	(71) TSENG, Yufeng Jane; NATIONAL TAIWAN UNIVERSITY; National Yang Ming Chiao Tung University; NATIONAL HEALTH RESEARCH INSTITUTES
(21) 11201902104U	(71) CENTAURI THERAPEUTICS LIMITED
(21) 11201902367X	(71) MEXICHEM FLUOR S.A. DE C.V.
(21) 11201902416X	(71) THE CHILDREN'S MEDICAL CENTER CORPORATION; DOMPE FARMACEUTICI S.P.A.
(21) 11201902512V	(71) ISRAEL AEROSPACE INDUSTRIES LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201902655T	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201902882U	(71) Rapport Therapeutics, Inc.
(21) 11201902884Y	(71) Rapport Therapeutics, Inc.
(21) 11201903152U	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 11201903182X	(71) ASTRAZENECA AB
(21) 11201903229Y	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11201903245Y	(71) VIRTUALLY LIVE (SWITZERLAND) GMBH
(21) 11201903402Y	(71) THE WELDING INSTITUTE
(21) 11201903577X	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 11201903605T	(71) Seagen Inc.
(21) 11201903711W	(71) ROVI GUIDES, INC.
(21) 11201903732T	(71) XYLONIX PTE. LTD.
(21) 11201903791R	(71) SAMI LABS LIMITED
(21) 11201903829P	(71) NEURIM PHARMACEUTICALS LTD.
(21) 11201903907R	(71) Artheia Technologies (Suzhou) Co., Ltd.
(21) 11201904038T	(71) ESCILAB SP. Z O.O.
(21) 11201904070V	(71) W.L. GORE & ASSOCIATES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201904139P	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201904372X	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11201904391T	(71) UNIVERSAL INSTRUMENTS CORPORATION
(21) 11201904430U	(71) GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD
(21) 11201904433Y	(71) TEIJIN FRONTIER CO., LTD.
(21) 11201904599Y	(71) RIKEN; SUMITOMO PHARMA CO., LTD.
(21) 11201904746Q	(71) ALECTOR LLC
(21) 11201904755Y	(71) TOHOKU UNIVERSITY
(21) 11201904859S	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT(GROUP) CO., LTD.
(21) 11201905009X	(71) ARKEMA FRANCE
(21) 11201905410W	(71) HUA MEDICINE (SHANGHAI) LTD.
(21) 11201905431W	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201905465P	(71) ENGIE
(21) 11201905513U	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP
(21) 11201905638Y	(71) NANOBOTIX
(21) 11201905643U	(71) KURARAY CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905660P	(71) INCYTE CORPORATION
(21) 11201905692R	(71) TENEOBIO, INC.
(21) 11201905729X	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201905790X	(71) SKYWORKS SOLUTIONS, INC.
(21) 11201905862V	(71) Advanced New Technologies Co., Ltd.
(21) 11201905910Q	(71) TSUBOTA LABORATORY, INC.
(21) 11201905933U	(71) SUMITOMO CHEMICAL COMPANY, LIMITED; KYOTO UNIVERSITY
(21) 11201906045T	(71) METAWATER CO., LTD.
(21) 11201906060U	(71) APPLIED MATERIALS, INC.
(21) 11201906133P	(71) QROMIS, INC.
(21) 11201906250Y	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906263P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906342V	(71) WELL BEING DIGITAL LIMITED
(21) 11201906922T	(71) EIDOS THERAPEUTICS, INC.
(21) 11201906986W	(71) Elta Systems Ltd.
(21) 11201907180P	(71) PARAMOUNT BED CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201907207U	(71) BERLIN-CHEMIE AG
(21) 11201907621P	(71) OPEX CORPORATION
(21) 11201907736Q	(71) SONY CORPORATION
(21) 11201908267X	(71) PHARMA MAR, S.A.
(21) 11201908359U	(71) EMULATE, INC.; CEDARS-SINAI MEDICAL CENTER
(21) 11201908452X	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201908457W	(71) CERECIN INC.
(21) 11201908475R	(71) ASSEMBLY BIOSCIENCES, INC.
(21) 11201908535X	(71) UILICIOUS PRIVATE LIMITED
(21) 11201908815S	(71) ADIUVO DIAGNOSTICS PVT LTD
(21) 11201909168V	(71) GENFIT
(21) 11201909662R	(71) LEGRAND AUSTRALIA PTY LTD
(21) 11201909715V	(71) MORPHOSYS AG
(21) 11201909718Q	(71) AURIGENE ONCOLOGY LIMITED
(21) 11201910054W	(71) Advanced New Technologies Co., Ltd.
(21) 11201911033X	(71) EQUINIX, INC.
(21) 11201911195Y	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201911489Y	(71) REC SOLAR PTE. LTD.
(21) 11201911856Y	(71) VELMENNI OU
(21) 11201911932W	(71) LATELEC
(21) 11201911941W	(71) HITACHI KOKUSAI ELECTRIC INC.
(21) 11201912101V	(71) Accommo AG
(21) 11201912454S	(71) AMERICAN TYPE CULTURE COLLECTION (ATCC)
(21) 11201912914U	(71) Clariant International Ltd
(21) 11201913636W	(71) INFLAZOME LIMITED
(21) 11201913654Q	(71) 10X GENOMICS, INC.
(21) 11202000027W	(71) IMMATICS BIOTECHNOLOGIES GMBH
(21) 11202000131V	(71) SKYWORKS SOLUTIONS, INC.
(21) 11202000176X	(71) Beijing Haixin Energy Technology Co., Ltd.
(21) 11202000822Q	(71) JENOPTIK OPTICAL SYSTEMS GMBH
(21) 11202000879V	(71) INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES; BEIJING HILI TECHNOLOGY CO. LTD.
(21) 11202000884R	(71) SEASTAR CHEMICALS ULC
(21) 11202000989V	(71) EXXONMOBIL CHEMICAL PATENTS INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202001111Q	(71) GENFIT
(21) 11202001694X	(71) KLA-TENCOR CORPORATION
(21) 11202001910W	(71) SINGAPORE AIRLINES LIMITED
(21) 11202002169T	(71) ZELDA THERAPEUTICS OPERATIONS PTY LTD
(21) 11202002322T	(71) DAIICHI SANKYO COMPANY, LIMITED
(21) 11202002659W	(71) ZHONGAN INFORMATION TECHNOLOGY SERVICE CO., LTD.
(21) 11202002690R	(71) NANTONG JIN YUAN NEW MATERIALS CO., LTD.
(21) 11202002778S	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11202002842Y	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11202003133V	(71) ENIGMA CO., LTD.
(21) 11202003259W	(71) SYNGENTA PARTICIPATIONS AG
(21) 11202003607T	(71) Edwards Lifesciences Innovation (Israel) Ltd.
(21) 11202003677U	(71) ELI LILLY AND COMPANY
(21) 11202003848R	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
(21) 11202003884Q	(71) MICROPORE TECHNOLOGIES LTD
(21) 11202004036S	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202004565W	(71) Advanced New Technologies Co., Ltd.
(21) 11202004601Y	(71) UCB BIOPHARMA SRL
(21) 11202004695X	(71) Advanced New Technologies Co., Ltd.
(21) 11202004735Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202004754V	(71) NMD PHARMA A/S
(21) 11202004760Q	(71) BEIJING MICROLIVE VISION TECHNOLOGY CO., LTD
(21) 11202004803P	(71) OSAKA GAS CO., LTD.; ASAHI KOHSAN CORPORATION; NISSHINBO CHEMICAL INC.
(21) 11202004884V	(71) Advanced New Technologies Co., Ltd.
(21) 11202004937X	(71) RIDDLE & CODE GMBH
(21) 11202005105U	(71) SWISS FIRE PROTECTION RESEARCH & DEVELOPMENT AG
(21) 11202005237S	(71) PYRAMID BIOSCIENCES, INC.
(21) 11202005254R	(71) ORYZON GENOMICS, S.A.
(21) 11202005369Y	(71) CJ CHEILJEDANG CORPORATION
(21) 11202005550Q	(71) SUNTORY HOLDINGS LIMITED
(21) 11202005554Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202005588Y	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11202005680P	(71) MOOG INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202005872X	(71) LUMACYTE LLC
(21) 11202005991U	(71) Advanced New Technologies Co., Ltd.
(21) 11202006057P	(71) SNAP INC.
(21) 11202006121Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202006179Q	(71) Advanced New Technologies Co., Ltd.
(21) 11202006208Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202006311S	(71) CYCLERION THERAPEUTICS, INC.
(21) 11202006435X	(71) IMPETIS BIOSCIENCES LTD.
(21) 11202006723S	(71) ENYO PHARMA
(21) 11202006790X	(71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA
(21) 11202006903W	(71) SANOFI
(21) 11202007073S	(71) Seagen Inc.
(21) 11202007132X	(71) THALES
(21) 11202007158U	(71) SHANGHAI SENSETIME INTELLIGENT TECHNOLOGY CO., LTD.
(21) 11202007413V	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11202007541V	(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202007675V	(71) ANTLERA THERAPEUTICS INC.
(21) 11202007695Y	(71) Proterial, Ltd.
(21) 11202007768Y	(71) 1195143 B.C. LTD.
(21) 11202007912Q	(71) LIM, Hyun Jin
(21) 11202007982V	(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN
(21) 11202008101X	(71) CHEVRON ORONITE TECHNOLOGY B.V.; CHEVRON ORONITE COMPANY LLC
(21) 11202008292V	(71) ALX ONCOLOGY INC.
(21) 11202008322U	(71) PING AN TECHNOLOGY(SHENZHEN)CO.,LTD.
(21) 11202008433Q	(71) ELICIO THERAPEUTICS INC.
(21) 11202008463W	(71) Seppure Pte Ltd
(21) 11202008492R	(71) JACQUES, Jonathan
(21) 11202008652V	(71) CHINOIN GYGYSZER S VEGYSZETI TERMKEK GYRA ZRT.
(21) 11202008813P	(71) TSINGHUA UNIVERSITY; NUCTECH COMPANY LIMITED
(21) 11202008823R	(71) ZHEJIANG YASHA DECORATION CO., LTD
(21) 11202009088V	(71) KYOWA KIRIN CO., LTD.
(21) 11202009191R	(71) EXXONBOBIL CHEMICAL PATENTS INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202009283Q	(71) CARIBOU BIOSCIENCES, INC.
(21) 11202009309X	(71) INTERACTIVE SOLUTIONS CORP.
(21) 11202009311R	(71) INTERACTIVE SOLUTIONS CORP.
(21) 11202009368V	(71) VICTAULIC COMPANY
(21) 11202009418T	(71) THOMAS HELLEDAYS STIFTELSE FR MEDICINSK FORSKNING
(21) 11202009420R	(71) SHANGHAI SENSETIME INTELLIGENT TECHNOLOGY CO., LTD.
(21) 11202009437S	(71) SHANGHAI SENSETIME INTELLIGENT TECHNOLOGY CO., LTD.
(21) 11202009478P	(71) DROPWORKS, INC.
(21) 11202009556X	(71) TELEPATHY LABS, INC.
(21) 11202009594Q	(71) DLT GLOBAL INC.
(21) 11202009665P	(71) EVONIK OPERATIONS GMBH
(21) 11202009701U	(71) ZHEJIANG YASHA DECORATION CO., LTD
(21) 11202009870W	(71) EIKEN KAGAKU KABUSHIKI KAISHA
(21) 11202010016Q	(71) SANOFI-AVENTIS DEUTSCHLAND GMBH
(21) 11202010018U	(71) SAREPTA THERAPEUTICS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202010185Q	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202010366U	(71) BELLWETHER COFFEE CO.
(21) 11202010410W	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11202010511Y	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202010562U	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202010627Q	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202010660P	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202010666X	(71) REVO INTERNATIONAL INC.
(21) 11202010669R	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202010678V	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202010908T	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11202010947U	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11202011039P	(71) SCHOTTEL GMBH
(21) 11202011075U	(71) NITTO DENKO CORPORATION
(21) 11202011156Y	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202011244V	(71) PARIS SCIENCES ET LETTRES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITA DEGLI STUDI DI SIENA; TORINO POLITECNICO; ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS; SORBONNE UNIVERSITE
(21) 11202011373S	(71) HOYA CORPORATION
(21) 11202011378W	(71) KURA ONCOLOGY, INC.
(21) 11202011475R	(71) TEGEDER, Roland
(21) 11202011642P	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 11202012127Y	(71) ACRO BIOMEDICAL COMPANY. LTD.
(21) 11202012130S	(71) ROXTEC AB
(21) 11202012171S	(71) F. HOFFMANN-LA ROCHE AG
(21) 11202012202U	(71) WATERISE AS
(21) 11202012415P	(71) BICYCLETX LIMITED
(21) 11202012449X	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 11202012649P	(71) CHENG, Pao-Hsien; CHENG, Chun-Shuo
(21) 11202012768X	(71) CYTOVATION ASA
(21) 11202012846W	(71) MUNTERS CORPORATION
(21) 11202012848P	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202012860W	(71) UNIVERSITEIT GENT
(21) 11202012924W	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202012925R	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202012989V	(71) CAROMA INDUSTRIES LIMITED; MICAS AG
(21) 11202013021T	(71) 915 LABS, LLC
(21) 11202013029U	(71) OSCOTEC INC.
(21) 11202013049X	(71) TRANSWARP TECHNOLOGY (SHANGHAI) CO., LTD.
(21) 11202013110W	(71) GAZTRANSPORT ET TECHNIGAZ
(21) 11202013135X	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202013137T	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202013207X	(71) GRAPHENANO MEDICAL CARE, S.L.
(21) 11202013212T	(71) GRAPHENANO MEDICAL CARE, S.L.
(21) 11202013213U	(71) ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
(21) 11202100064W	(71) NICOX S.A.
(21) 11202100091S	(71) OH, Jae Suk; LIM, Kyung Sook
(21) 11202100128U	(71) ELI LILLY AND COMPANY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202100143W	(71) MITSUBISHI POWER, LTD.
(21) 11202100329V	(71) KONINKLIJKE PHILIPS N.V.
(21) 11202100361Y	(71) NISSHIN SEIFUN WELNA INC.
(21) 11202100479S	(71) HITACHI, LTD.
(21) 11202100651X	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100673W	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100757P	(71) Jumio Corporation
(21) 11202100795S	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100802Q	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100825U	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100857W	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100920X	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202100956X	(71) HITACHI, LTD.
(21) 11202100964T	(71) NESTE OYJ
(21) 11202100968Y	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202101514S	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202101727Y	(71) BC MACHINING TECHNOLOGIES INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202101759T	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202101803V	(71) MUELLER INTERNATIONAL, LLC
(21) 11202101882X	(71) MIZKAN HOLDINGS CO., LTD.
(21) 11202101982R	(71) ASCENDIS PHARMA A/S
(21) 11202102133V	(71) JSP CORPORATION
(21) 11202102199V	(71) JIANGSU JIUXU PHARMACEUTICAL CO., LTD; LI, Hong
(21) 11202102411W	(71) MITSUI CHEMICALS, INC.
(21) 11202102566Y	(71) ONO PHARMACEUTICAL CO., LTD.
(21) 11202102610U	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11202102611X	(71) NANOFILM TECHNOLOGIES INTERNATIONAL LIMITED
(21) 11202102612V	(71) MOLYWORKS MATERIALS CORP.
(21) 11202102674R	(71) PFIZER INC.
(21) 11202102759V	(71) JX METALS CORPORATION
(21) 11202102774S	(71) CHINA CONSTRUCTION SCIENCE&TECHNOLOGY GROUP CO., LTD.
(21) 11202102900R	(71) KAO CORPORATION
(21) 11202102948S	(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202102989R	(71) BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.
(21) 11202103020S	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202103072R	(71) NIACET CORPORATION
(21) 11202103136V	(71) NEC CORPORATION
(21) 11202103580V	(71) MITSUBISHI SHIPBUILDING CO., LTD.
(21) 11202103582R	(71) MITSUBISHI SHIPBUILDING CO., LTD.
(21) 11202103672T	(71) WANHUA CHEMICAL GROUP CO., LTD.
(21) 11202103709V	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.
(21) 11202103714W	(71) THALES
(21) 11202103738W	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.
(21) 11202103749Y	(71) JUUL LABS, INC.
(21) 11202103815T	(71) TORAY INDUSTRIES, INC.
(21) 11202103857X	(71) AMADEUS S.A.S.
(21) 11202103931R	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; SINGAPORE DISTRICT COOLING PTE LTD
(21) 11202103988S	(71) EBNER INDUSTRIEOFENBAU GMBH
(21) 11202104056Y	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202104312U	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202104370U	(71) HITACHI, LTD.
(21) 11202104382R	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202104492Q	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202104511Q	(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202104530Y	(71) ADVANCED NEW TECHNOLOGIES CO., LTD.
(21) 11202104555U	(71) ZTE CORPORATION
(21) 11202104792S	(71) ALAR PHARMACEUTICALS INC.
(21) 11202104885P	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.
(21) 11202104902W	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11202105184U	(71) THE CHEMOURS COMPANY FC, LLC
(21) 11202105202W	(71) KAKAOBANK CORP.
(21) 11202105229T	(71) ENDOGENA THERAPEUTICS, INC.
(21) 11202105251R	(71) STI CO., LTD.
(21) 11202105425T	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202105776W	(71) ELI LILLY AND COMPANY
(21) 11202106133Y	(71) GIVI S.P.A.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202106187U	(71) SEED CO., LTD.
(21) 11202106359Y	(71) NESTE OYJ
(21) 11202106504V	(71) Resonac Corporation
(21) 11202106737V	(71) BADAoui, Ralphe; NAMMOUR, Joseph
(21) 11202106740R	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11202106834P	(71) EASEE AS
(21) 11202106871V	(71) BEIJING ORIENTAL YUHONG WATERPROOF TECHNOLOGY CO., LTD
(21) 11202106920Y	(71) SODA AROMATIC CO., LTD
(21) 11202106944P	(71) ZTE CORPORATION
(21) 11202106991S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11202107057W	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11202107067R	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11202107134U	(71) AULTON NEW ENERGY AUTOMOTIVE TECHNOLOGY GROUP
(21) 11202107299V	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11202107323S	(71) HYMETH APS
(21) 11202107370P	(71) KULICKE AND SOFFA INDUSTRIES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202107389S	(71) SHANDONG XUANZHU PHARMA CO., LTD.; XUANZHU BIOPHARMACEUTICAL CO., LTD.
(21) 11202107421Y	(71) Takeda Pharmaceutical Company Limited
(21) 11202107455Y	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11202107465S	(71) SCEYE SA
(21) 11202107481T	(71) PURDUE PHARMA L.P.
(21) 11202107511V	(71) ASSISTANCE PUBLIQUE HOPITAUX DE PARIS
(21) 11202107528P	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 11202107541Q	(71) SHARP KABUSHIKI KAISHA; FG INNOVATION COMPANY LIMITED
(21) 11202107612R	(71) ST ENGINEERING AETHON, INC.
(21) 11202107623P	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11202107661Y	(71) LANDSPACE SCIENCE & TECHNOLOGY CO., LTD
(21) 11202107853S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11202107893X	(71) MERCK PATENT GMBH
(21) 11202108058S	(71) MUL-T-LOCK TECHNOLOGIES LTD.
(21) 11202108119V	(71) WHITELEY CORPORATION PTY LTD
(21) 11202108184P	(71) QUALCOMM INCORPORATED
(21) 11202108195W	(71) JFE STEEL CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202108224V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202108507T	(71) ENTEGRIS, INC.
(21) 11202108636S	(71) MERCK PATENT GMBH
(21) 11202108685V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202108777S	(71) CURASEPT A.D.S. S.R.L.
(21) 11202108803T	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11202109000R	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11202109216T	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
(21) 11202109254P	(71) GIKEN LTD.
(21) 11202109317Q	(71) APPLIED MATERIALS, INC.
(21) 11202109506Y	(71) Resonac Corporation
(21) 11202109673P	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11202109802T	(71) NIPPON STEEL CORPORATION
(21) 11202109808Q	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11202110059P	(71) MITSUBISHI CHEMICAL CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202110207P	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 11202110358S	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11202110597V	(71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY
(21) 11202112802W	(71) Sennics Co., Ltd.
(21) 11202113315R	(71) GRABTAXI HOLDINGS PTE. LTD.
(21) 11202113707V	(71) PICOSUN OY
(21) 11202203427R	(71) TRAJECTORY, LTD.
6th Year	
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(21) 10201609349U	(71) GENSQUARE LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinützige GmbH
(21) 10201610585W	(71) MasterCard International Incorporated
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610669R	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201701042T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201702179R	(71) Rearden, LLC
(21) 10201702326T	(71) ST ENGINEERING ELECTRONICS LTD.
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201704622Y	(71) GILEAD SCIENCES, INC.
(21) 10201705320P	(71) Lam Research Corporation
(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201706484X	(71) DISCO CORPORATION
(21) 10201707070R	(71) EBARA CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201707557Q	(71) Lam Research Corporation
(21) 10201707559T	(71) Lam Research Corporation
(21) 10201708389S	(71) SOITEC
(21) 10201708448U	(71) Lam Research Corporation
(21) 10201708542R	(71) GENENTECH, INC.
(21) 10201709216V	(71) ROLLS-ROYCE PLC
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201800703V	(71) DISCO CORPORATION
(21) 10201801707X	(71) Illumina, Inc.
(21) 10201801817Q	(71) Lam Research Corporation
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201803812T	(71) SAGE THERAPEUTICS, INC.
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201804780S	(71) Disco Corporation
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201806913U	(71) THALES
(21) 10201808726R	(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
(21) 10201809163Q	(71) emz-Hanauer GmbH & Co. KGaA
(21) 10201809166V	(71) Keppel FELS Limited; NATIONAL UNIVERSITY OF SINGAPORE
(21) 10201810467Q	(71) TEMASEK POLYTECHNIC
(21) 10201811163U	(71) Tata Consultancy Services Limited
(21) 10201811164S	(71) Tata Consultancy Services Limited
(21) 10201811167P	(71) WATERSON CORP.; Waterson Chen
(21) 10201811281W	(71) University of Massachusetts; Infineum International Limited
(21) 10201811373U	(71) Evonik Oxeno GmbH & Co. KG
(21) 10201811375V	(71) Evonik Oxeno GmbH & Co. KG
(21) 10201811376R	(71) Evonik Oxeno GmbH & Co. KG
(21) 10201811382X	(71) Evonik Oxeno GmbH & Co. KG
(21) 10201811539T	(71) AFTON CHEMICAL CORPORATION
(21) 10201811617T	(71) CHAEI HSIN ENTERPRISE CO., LTD.
(21) 10201811665Q	(71) AXINAN PTE. LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201811703U	(71) QAF Limited
(21) 10201811744Q	(71) Elta Systems Ltd.
(21) 10201811819W	(71) Panasonic Intellectual Property Management Co., Ltd.
(21) 10201811823T	(71) Dr. Advice Corporation Limited
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201811843Q	(71) The Boeing Company
(21) 10201900011W	(71) Samsung Electronics Co., Ltd.
(21) 10201900022Y	(71) Samsung Electronics Co., Ltd.
(21) 10201900023R	(71) Samsung Electronics Co., Ltd.
(21) 10201900042W	(71) Samsung Electronics Co., Ltd.
(21) 10201900066W	(71) AFTON CHEMICAL CORPORATION
(21) 10201900129Q	(71) Samsung Electronics Co., Ltd.
(21) 10201900168R	(71) Samsung Electronics Co., Ltd.
(21) 10201900172R	(71) DELTA ELECTRONICS INTL (SINGAPORE) PTE LTD
(21) 10201900213W	(71) EBARA CORPORATION
(21) 10201900222X	(71) RINNAI CORPORATION
(21) 10201900223Q	(71) Disco Corporation

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201900224T	(71) JCDecaux SE
(21) 10201900242Y	(71) Samsung Electronics Co., Ltd.
(21) 10201900247X	(71) Samsung Electronics Co., Ltd.
(21) 10201900354W	(71) EBARA CORPORATION
(21) 10201900388V	(71) Samsung Electronics Co., Ltd.
(21) 10201900413Y	(71) KOKUSAI ELECTRIC CORPORATION
(21) 10201900458T	(71) PERI SE
(21) 10201900547Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201900566P	(71) Disco Corporation
(21) 10201900583Q	(71) Samsung Electronics Co., Ltd.
(21) 10201900584T	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201900586V	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201900591S	(71) Accenture Global Solutions Limited
(21) 10201900597V	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201900626S	(71) Samsung Electronics Co., Ltd.
(21) 10201900666R	(71) Accenture Global Solutions Limited
(21) 10201900697U	(71) MARIOFF CORPORATION OY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201900880X	(71) AICA KOGYO CO., LTD.
(21) 10201900882T	(71) EBARA CORPORATION
(21) 10201900899U	(71) Samsung Electronics Co., Ltd.
(21) 10201901030T	(71) DONGWOO FINE-CHEM CO., LTD.
(21) 10201901079U	(71) Trust Ltd
(21) 10201901625P	(71) UEMURA ENGINEERING CO., LTD
(21) 10201902316Q	(71) Yau Lee Wah Concrete Precast Products (Shenzhen) Co., Ltd.
(21) 10201902334W	(71) Yau Lee Wah Construction Materials (Huizhou) Company Limited
(21) 10201902337Q	(71) Yau Lee Wah Construction Materials (Huizhou) Company Limited
(21) 10201902354S	(71) GENEER TECH CO., LTD.
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201913414W	(71) Tokyo Electron Limited
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202001870V	(71) RotaChrom Technolgiai Zrt.
(21) 10202010406P	(71) MAWETAL LLC
(21) 10202012631S	(71) VERSUM MATERIALS US, LLC
(21) 10202101528X	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202101532Q	(71) Advanced New Technologies Co., Ltd.
(21) 10202101952X	(71) Advanced New Technologies Co., Ltd.
(21) 10202102907W	(71) Advanced New Technologies Co., Ltd.
(21) 10202103740T	(71) Advanced New Technologies Co., Ltd.
(21) 10202104244X	(71) AICA KOGYO CO., LTD.
(21) 10202105785R	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 10202106015U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10202106031W	(71) WAYMO LLC
(21) 10202106381W	(71) COMPOSECURE, LLC
(21) 10202107344Y	(71) AMERICORP INVESTMENTS LLC
(21) 10202107348R	(71) BGC PARTNERS, L.P.
(21) 10202107804W	(71) LION CORPORATION
(21) 10202107814Q	(71) LION CORPORATION
(21) 10202113280X	(71) POLYPHOR AG
(21) 10202251500V	(71) HAMAMATSU PHOTONICS K.K.
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201709730V	(71) NANOBLOTIX
(21) 11201802867U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201804394R	(71) GEMALTO SA
(21) 11201806419R	(71) SUTRO BIOPHARMA, INC.
(21) 11201806946V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201807004S	(71) AIRPORT AUTHORITY; D2V LIMITED
(21) 11201807652S	(71) HANGZHOU DAC BIOTECH CO, LTD
(21) 11201808024R	(71) APPLIED MATERIALS, INC.
(21) 11201808291Y	(71) LINTEC CORPORATION
(21) 11201808566W	(71) BAYER PHARMA AKTIENGESELLSCHAFT
(21) 11201808604X	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201809387Q	(71) THE SCRIPPS RESEARCH INSTITUTE
(21) 11201809575T	(71) CODEXIS, INC.
(21) 11201809627Q	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 11201809725T	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201809856S	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201810429U	(71) MORPHOSYS AG

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201810611Y	(71) ILLUMINA CAMBRIDGE LIMITED
(21) 11201811005X	(71) nCHAIN HOLDINGS LIMITED
(21) 11201811126S	(71) SUMCO CORPORATION
(21) 11201811478T	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811479R	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811510T	(71) SUEZ INTERNATIONAL
(21) 11201811521S	(71) KABUSHIKI KAISHA YAKULT HONSHA
(21) 11201811808V	(71) Beijing OceanBase Technology Co., Ltd.
(21) 11201900090T	(71) MINGSIGHT PHARMACEUTICALS, INC.
(21) 11201900133W	(71) SPHINGOTEC GMBH
(21) 11201900244Q	(71) BEIJING QIYI CENTURY SCIENCE & TECHNOLOGY CO., LTD.
(21) 11201900492Y	(71) NIHON MATAI CO., LTD.
(21) 11201900554Y	(71) Tenacia Biotechnology (Hong Kong) Co., Limited
(21) 11201900663U	(71) XINTELA AB
(21) 11201901141W	(71) BeiGene Switzerland GmbH
(21) 11201901504T	(71) CJ CHEILJEDANG CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201901603R	(71) OBLIQUE THERAPEUTICS AB
(21) 11201901743W	(71) CORNING INCORPORATED
(21) 11201901752R	(71) CJ CHEILJEDANG CORPORATION
(21) 11201901968T	(71) C. R. Bard, Inc.
(21) 11201902024P	(71) Kyowa Kirin Co., Ltd.
(21) 11201902053Y	(71) TSENG, Yufeng Jane; NATIONAL TAIWAN UNIVERSITY; National Yang Ming Chiao Tung University; NATIONAL HEALTH RESEARCH INSTITUTES
(21) 11201902104U	(71) CENTAURI THERAPEUTICS LIMITED
(21) 11201902367X	(71) MEXICHEM FLUOR S.A. DE C.V.
(21) 11201902416X	(71) THE CHILDREN'S MEDICAL CENTER CORPORATION; DOMPE FARMACEUTICI S.P.A.
(21) 11201902512V	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11201902655T	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201902882U	(71) Rapport Therapeutics, Inc.
(21) 11201902884Y	(71) Rapport Therapeutics, Inc.
(21) 11201903152U	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 11201903182X	(71) ASTRAZENECA AB
(21) 11201903229Y	(71) UNIVERSAL CITY STUDIOS LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201903245Y	(71) VIRTUALLY LIVE (SWITZERLAND) GMBH
(21) 11201903402Y	(71) THE WELDING INSTITUTE
(21) 11201903577X	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 11201903605T	(71) Seagen Inc.
(21) 11201903711W	(71) ROVI GUIDES, INC.
(21) 11201903732T	(71) XYLONIX PTE. LTD.
(21) 11201903791R	(71) SAMI LABS LIMITED
(21) 11201903829P	(71) NEURIM PHARMACEUTICALS LTD.
(21) 11201903907R	(71) Artheia Technologies (Suzhou) Co., Ltd.
(21) 11201904038T	(71) ESCILAB SP. Z O.O.
(21) 11201904070V	(71) W.L. GORE & ASSOCIATES, INC.
(21) 11201904139P	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201904372X	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11201904383U	(71) Advanced New Technologies Co., Ltd.
(21) 11201904391T	(71) UNIVERSAL INSTRUMENTS CORPORATION
(21) 11201904430U	(71) GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201904433Y	(71) TEIJIN FRONTIER CO., LTD.
(21) 11201904475X	(71) Advanced New Technologies Co., Ltd.
(21) 11201904599Y	(71) RIKEN; SUMITOMO PHARMA CO., LTD.
(21) 11201904625Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201904629U	(71) Advanced New Technologies Co., Ltd.
(21) 11201904746Q	(71) ALECTOR LLC
(21) 11201904755Y	(71) TOHOKU UNIVERSITY
(21) 11201904859S	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT(GROUP) CO., LTD.
(21) 11201905009X	(71) ARKEMA FRANCE
(21) 11201905410W	(71) HUA MEDICINE (SHANGHAI) LTD.
(21) 11201905431W	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201905465P	(71) ENGIE
(21) 11201905513U	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP
(21) 11201905565X	(71) Advanced New Technologies Co., Ltd.
(21) 11201905621X	(71) Advanced New Technologies Co., Ltd.
(21) 11201905624W	(71) Advanced New Technologies Co., Ltd.
(21) 11201905626P	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905638Y	(71) NANOBIOTIX
(21) 11201905643U	(71) KURARAY CO., LTD.
(21) 11201905660P	(71) INCYTE CORPORATION
(21) 11201905692R	(71) TENEOBIO, INC.
(21) 11201905729X	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201905790X	(71) SKYWORKS SOLUTIONS, INC.
(21) 11201905842R	(71) Advanced New Technologies Co., Ltd.
(21) 11201905862V	(71) Advanced New Technologies Co., Ltd.
(21) 11201905910Q	(71) TSUBOTA LABORATORY, INC.
(21) 11201905933U	(71) SUMITOMO CHEMICAL COMPANY, LIMITED; KYOTO UNIVERSITY
(21) 11201906045T	(71) METAWATER CO., LTD.
(21) 11201906060U	(71) APPLIED MATERIALS, INC.
(21) 11201906133P	(71) QROMIS, INC.
(21) 11201906250Y	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906263P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906342V	(71) WELL BEING DIGITAL LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906647T	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906711R	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906751Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201906830X	(71) Advanced New Technologies Co., Ltd.
(21) 11201906831Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201906838Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201906922T	(71) EIDOS THERAPEUTICS, INC.
(21) 11201906986W	(71) Elta Systems Ltd.
(21) 11201907155U	(71) Advanced New Technologies Co., Ltd.
(21) 11201907157X	(71) Advanced New Technologies Co., Ltd.
(21) 11201907180P	(71) PARAMOUNT BED CO., LTD.
(21) 11201907207U	(71) BERLIN-CHEMIE AG
(21) 11201907243U	(71) Advanced New Technologies Co., Ltd.
(21) 11201907245V	(71) Advanced New Technologies Co., Ltd.
(21) 11201907248Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201907281W	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201907553U	(71) GALOOLI LTD
(21) 11201907621P	(71) OPEX CORPORATION
(21) 11201907736Q	(71) SONY CORPORATION
(21) 11201908267X	(71) PHARMA MAR, S.A.
(21) 11201908359U	(71) EMULATE, INC.; CEDARS-SINAI MEDICAL CENTER
(21) 11201908452X	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201908457W	(71) CERECIN INC.
(21) 11201908475R	(71) ASSEMBLY BIOSCIENCES, INC.
(21) 11201908535X	(71) UILICIOUS PRIVATE LIMITED
(21) 11201908815S	(71) ADIUVO DIAGNOSTICS PVT LTD
(21) 11201909168V	(71) GENFIT
(21) 11201909316W	(71) TEC ADVANCED ANSTALT
(21) 11201909532W	(71) DAITO ELECTRIC MACHINE INDUSTRY COMPANY LIMITED
(21) 11201909662R	(71) LEGRAND AUSTRALIA PTY LTD
(21) 11201909715V	(71) MORPHOSYS AG
(21) 11201909718Q	(71) AURIGENE ONCOLOGY LIMITED
(21) 11201909815R	(71) RATTI, Jayant

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201909946U	(71) Advanced New Technologies Co., Ltd.
(21) 11201910061R	(71) Advanced New Technologies Co., Ltd.
(21) 11201910095V	(71) Advanced New Technologies Co., Ltd.
(21) 11201910110Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201911033X	(71) EQUINIX, INC.
(21) 11201911195Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201911489Y	(71) REC SOLAR PTE. LTD.
(21) 11201911784P	(71) ILLUMINA, INC.
(21) 11201911856Y	(71) VELMENNI OU
(21) 11201911932W	(71) LATELEC
(21) 11201911941W	(71) HITACHI KOKUSAI ELECTRIC INC.
(21) 11201912101V	(71) Accommo AG
(21) 11201912454S	(71) AMERICAN TYPE CULTURE COLLECTION (ATCC)
(21) 11201912750P	(71) Beijing Haixin Energy Technology Co., Ltd.
(21) 11201912914U	(71) Clariant International Ltd
(21) 11201913636W	(71) INFLAZOME LIMITED
(21) 11201913654Q	(71) 10X GENOMICS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201913996V	(71) HEFEI INSTITUTE FOR PUBLIC SAFETY RESEARCH, TSINGHUA UNIVERSITY; HEFEI ZEZHONG CITY INTELLIGENT TECHNOLOGY CO., LTD.; OPERATION AND MONITORING CENTER FOR HEFEI URBAN SAFETY & SECURITY
(21) 11201914011R	(71) HEFEI INSTITUTE FOR PUBLIC SAFETY RESEARCH, TSINGHUA UNIVERSITY; HEFEI ZEZHONG CITY INTELLIGENT TECHNOLOGY CO., LTD.; OPERATION AND MONITORING CENTER FOR HEFEI URBAN SAFETY & SECURITY
(21) 11202000027W	(71) IMMATICS BIOTECHNOLOGIES GMBH
(21) 11202000131V	(71) SKYWORKS SOLUTIONS, INC.
(21) 11202000174U	(71) Beijing Haixin Energy Technology Co., Ltd.
(21) 11202000176X	(71) Beijing Haixin Energy Technology Co., Ltd.
(21) 11202000310Q	(71) DAITO ELECTRIC MACHINE INDUSTRY COMPANY LIMITED
(21) 11202000822Q	(71) JENOPTIK OPTICAL SYSTEMS GMBH
(21) 11202000879V	(71) INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES; BEIJING HILI TECHNOLOGY CO. LTD.
(21) 11202000884R	(71) SEASTAR CHEMICALS ULC
(21) 11202000989V	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11202001111Q	(71) GENFIT
(21) 11202001694X	(71) KLA-TENCOR CORPORATION
(21) 11202001910W	(71) SINGAPORE AIRLINES LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202002137X	(71) LG ELECTRONICS INC.
(21) 11202002157T	(71) ADVAXIS, INC.
(21) 11202002169T	(71) ZELDA THERAPEUTICS OPERATIONS PTY LTD
(21) 11202002322T	(71) DAIICHI SANKYO COMPANY, LIMITED
(21) 11202002621S	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11202002622Q	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11202002690R	(71) NANTONG JIN YUAN NEW MATERIALS CO., LTD.
(21) 11202002778S	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11202002842Y	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11202003133V	(71) ENIGMA CO., LTD.
(21) 11202003259W	(71) SYNGENTA PARTICIPATIONS AG
(21) 11202003274Y	(71) EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY
(21) 11202003607T	(71) Edwards Lifesciences Innovation (Israel) Ltd.
(21) 11202003677U	(71) ELI LILLY AND COMPANY
(21) 11202003848R	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202003884Q	(71) MICROPORE TECHNOLOGIES LTD
(21) 11202003938P	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11202004036S	(71) Advanced New Technologies Co., Ltd.
(21) 11202004182W	(71) Advanced New Technologies Co., Ltd.
(21) 11202004293V	(71) Advanced New Technologies Co., Ltd.
(21) 11202004321X	(71) KYUBIZ JAPAN CO, LTD
(21) 11202004464S	(71) Advanced New Technologies Co., Ltd.
(21) 11202004544Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202004547T	(71) VRIJE UNIVERSITEIT BRUSSEL
(21) 11202004565W	(71) Advanced New Technologies Co., Ltd.
(21) 11202004601Y	(71) UCB BIOPHARMA SRL
(21) 11202004604S	(71) CHINA UNIONPAY CO., LTD.
(21) 11202004663S	(71) Advanced New Technologies Co., Ltd.
(21) 11202004735Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202004745S	(71) Advanced New Technologies Co., Ltd.
(21) 11202004754V	(71) NMD PHARMA A/S
(21) 11202004760Q	(71) BEIJING MICROLIVE VISION TECHNOLOGY CO., LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202004768R	(71) Advanced New Technologies Co., Ltd.
(21) 11202004786Q	(71) GEISTLICH PHARMA AG
(21) 11202004803P	(71) OSAKA GAS CO., LTD.; ASAHI KOHSAN CORPORATION; NISSHINBO CHEMICAL INC.
(21) 11202004812V	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11202004841R	(71) Advanced New Technologies Co., Ltd.
(21) 11202004871V	(71) WING AVIATION LLC
(21) 11202004884V	(71) Advanced New Technologies Co., Ltd.
(21) 11202004930W	(71) JFE STEEL CORPORATION
(21) 11202004937X	(71) RIDDLE & CODE GMBH
(21) 11202005053Q	(71) Advanced New Technologies Co., Ltd.
(21) 11202005058Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202005105U	(71) SWISS FIRE PROTECTION RESEARCH & DEVELOPMENT AG
(21) 11202005189Y	(71) BOSTON SEMI EQUIPMENT, LLC
(21) 11202005224T	(71) MEYER BURGER (GERMANY) GMBH
(21) 11202005237S	(71) PYRAMID BIOSCIENCES, INC.
(21) 11202005254R	(71) ORYZON GENOMICS, S.A.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202005291W	(71) BECTON, DICKINSON AND COMPANY
(21) 11202005293P	(71) GIVAUDAN SA
(21) 11202005297T	(71) THE AUSTRALIAN NATIONAL UNIVERSITY; GRIFFITH UNIVERSITY
(21) 11202005351X	(71) CHINA UNIONPAY CO., LTD.
(21) 11202005369Y	(71) CJ CHEILJEDANG CORPORATION
(21) 11202005422T	(71) ABIOMED EUROPE GMBH
(21) 11202005441R	(71) UOP LLC
(21) 11202005453W	(71) NXT Building System Pty Ltd
(21) 11202005454U	(71) Advanced New Technologies Co., Ltd.
(21) 11202005455Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202005483X	(71) CHANGI GENERAL HOSPITAL PTE LTD; SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN
(21) 11202005500T	(71) Advanced New Technologies Co., Ltd.
(21) 11202005544P	(71) WAWGD Newco, LLC
(21) 11202005550Q	(71) SUNTORY HOLDINGS LIMITED
(21) 11202005554Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202005588Y	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11202005608Y	(71) EHMANN, Bertram

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202005615T	(71) TECHNETICS GROUP LLC
(21) 11202005671R	(71) WAYMO LLC
(21) 11202005680P	(71) MOOG INC.
(21) 11202005684U	(71) MITSUBISHI GAS CHEMICAL COMPANY, INC.
(21) 11202005716W	(71) Advanced New Technologies Co., Ltd.
(21) 11202005746R	(71) AKAMIS BIO LIMITED
(21) 11202005766X	(71) Teleflex Life Sciences Limited
(21) 11202005773R	(71) MICRON TECHNOLOGY, INC.
(21) 11202005782U	(71) REPLIGEN CORPORATION
(21) 11202005823V	(71) Advanced New Technologies Co., Ltd.
(21) 11202005826Q	(71) SOITEC
(21) 11202005828U	(71) Advanced New Technologies Co., Ltd.
(21) 11202005872X	(71) LUMACYTE LLC
(21) 11202005881Y	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 11202005890Y	(71) ZHEJIANG PALO ALTO PHARMACEUTICALS, INC.
(21) 11202005900V	(71) Advanced New Technologies Co., Ltd.
(21) 11202005907Y	(71) TEIJIN LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202005915W	(71) MIZKAN HOLDINGS CO., LTD.; MIZKAN CO., LTD.
(21) 11202005964Q	(71) Advanced New Technologies Co., Ltd.
(21) 11202005965U	(71) Advanced New Technologies Co., Ltd.
(21) 11202005991U	(71) Advanced New Technologies Co., Ltd.
(21) 11202006045Q	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11202006057P	(71) SNAP INC.
(21) 11202006066T	(71) Advanced New Technologies Co., Ltd.
(21) 11202006067X	(71) TMEM16A LIMITED
(21) 11202006073P	(71) Advanced New Technologies Co., Ltd.
(21) 11202006090R	(71) Advanced New Technologies Co., Ltd.
(21) 11202006111X	(71) DYNO NOBEL ASIA PACIFIC PTY LIMITED
(21) 11202006120X	(71) Advanced New Technologies Co., Ltd.
(21) 11202006121Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202006127P	(71) Advanced New Technologies Co., Ltd.
(21) 11202006146Q	(71) Edwards Lifesciences Corporation
(21) 11202006173T	(71) DYNO NOBEL INC.
(21) 11202006180Y	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202006193R	(71) Advanced New Technologies Co., Ltd.
(21) 11202006203Q	(71) Advanced New Technologies Co., Ltd.
(21) 11202006206V	(71) Advanced New Technologies Co., Ltd.
(21) 11202006207W	(71) SONY CORPORATION
(21) 11202006208Y	(71) Advanced New Technologies Co., Ltd.
(21) 11202006311S	(71) CYCLERION THERAPEUTICS, INC.
(21) 11202006324T	(71) CQENS TECHNOLOGIES INC.
(21) 11202006343R	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11202006391W	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 11202006401X	(71) PATCO, LLC
(21) 11202006424X	(71) THE FOURTH PARADIGM (BEIJING) TECH CO LTD
(21) 11202006435X	(71) IMPETIS BIOSCIENCES LTD.
(21) 11202006445Y	(71) GLOFISH, LLC
(21) 11202006475S	(71) GO!FOTON, INC.
(21) 11202006480X	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11202006482T	(71) UNIVERSAL CITY STUDIOS LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202006484S	(71) COMPOSECURE, LLC
(21) 11202006509S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11202006520S	(71) HFI Innovation Inc.
(21) 11202006531S	(71) InterDigital Patent Holdings, Inc.
(21) 11202006559U	(71) STEEPER ENERGY APS
(21) 11202006560Q	(71) INTERDIGITAL PATENT HOLDINGS, INC.
(21) 11202006602W	(71) DYNNO NOBEL INC.
(21) 11202006608X	(71) PALFINGER AG
(21) 11202006616W	(71) SP INNOVATION PTE. LTD.
(21) 11202006619U	(71) SUMITOMO SEIKA CHEMICALS CO., LTD.
(21) 11202006658U	(71) NIPPON PAPER INDUSTRIES CO., LTD.
(21) 11202006683P	(71) MIZKAN HOLDINGS CO., LTD.; MIZKAN CO., LTD.
(21) 11202006703X	(71) DOLBY INTERNATIONAL AB
(21) 11202006723S	(71) ENYO PHARMA
(21) 11202006787X	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
(21) 11202006790X	(71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA
(21) 11202006813T	(71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202006882X	(71) BECTON, DICKINSON AND COMPANY
(21) 11202006903W	(71) SANOFI
(21) 11202006904U	(71) MINERAL CARBONATION INTERNATIONAL PTY LTD
(21) 11202006940S	(71) SOITEC
(21) 11202006955S	(71) TANAKA KIKINZOKU KOGYO K.K.
(21) 11202006986U	(71) Advanced New Technologies Co., Ltd.
(21) 11202006991R	(71) Advanced New Technologies Co., Ltd.
(21) 11202007027U	(71) MAXIMATOR GMBH
(21) 11202007038T	(71) ASSA ABLOY SICHERHEITSTECHNIK GMBH
(21) 11202007053X	(71) Resonac Corporation
(21) 11202007070V	(71) LIFE TECHNOLOGIES CORPORATION
(21) 11202007100S	(71) ACCENTURE GLOBAL SOLUTIONS LIMITED; DSX HOLDINGS LIMITED
(21) 11202007120U	(71) JAPAN TOBACCO INC.
(21) 11202007129T	(71) HISAMITSU PHARMACEUTICAL CO., INC.
(21) 11202007131U	(71) HISAMITSU PHARMACEUTICAL CO., INC.
(21) 11202007132X	(71) THALES

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202007140X	(71) GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
(21) 11202007190V	(71) Advanced New Technologies Co., Ltd.
(21) 11202007191Q	(71) Advanced New Technologies Co., Ltd.
(21) 11202007218Y	(71) F. HOFFMANN-LA ROCHE AG
(21) 11202007293U	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(21) 11202007413V	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11202007430U	(71) GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
(21) 11202007435R	(71) GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
(21) 11202007438S	(71) GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
(21) 11202007439T	(71) GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
(21) 11202007541V	(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.
(21) 11202007675V	(71) ANTLERA THERAPEUTICS INC.
(21) 11202007695Y	(71) Proterial, Ltd.
(21) 11202007721Y	(71) INTRABIO LTD
(21) 11202007734P	(71) ECOLAB USA INC.
(21) 11202007768Y	(71) 1195143 B.C. LTD.
(21) 11202007975Q	(71) HOYA CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202008101X	(71) CHEVRON ORONITE TECHNOLOGY B.V.; CHEVRON ORONITE COMPANY LLC
(21) 11202008179P	(71) ROHM AND HAAS COMPANY
(21) 11202008292V	(71) ALX ONCOLOGY INC.
(21) 11202008317Y	(71) IMPACT SELECTOR LIMITED
(21) 11202008338P	(71) EIKEN KAGAKU KABUSHIKI KAISHA
(21) 11202008382Q	(71) AMERICORP INVESTMENTS LLC
(21) 11202008430R	(71) ROHM AND HAAS COMPANY
(21) 11202008433Q	(71) ELICIO THERAPEUTICS INC.
(21) 11202008492R	(71) JACQUES, Jonathan
(21) 11202008635P	(71) SENJU METAL INDUSTRY CO., LTD.
(21) 11202008652V	(71) CHINOIN GYGYSZER S VEGYSZETI TERMKEK GYRA ZRT.
(21) 11202008686T	(71) ExxonMobil Technology and Engineering Company; GEORGIA TECH RESEARCH CORPORATION
(21) 11202008712P	(71) TEMASEK LIFE SCIENCES LABORATORY LIMITED
(21) 11202008787U	(71) SHENZHEN SENSETIME TECHNOLOGY CO., LTD.
(21) 11202009057Q	(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO.,LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202009088V	(71) KYOWA KIRIN CO., LTD.
(21) 11202009172V	(71) HOYA CORPORATION
(21) 11202009368V	(71) VICTAULIC COMPANY
(21) 11202009509V	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11202011081W	(71) COMPOSECURE, LLC
(21) 11202011190Q	(71) SHIMIZU CORPORATION
(21) 11202011445P	(71) BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.
(21) 11202011452X	(71) SHIKOKU INSTRUMENTATION CO., LTD.
(21) 11202013049X	(71) TRANSWARP TECHNOLOGY (SHANGHAI) CO., LTD.
(21) 11202013195Q	(71) VINDA PAPER (CHINA) COMPANY LTD
(21) 11202013197R	(71) VINDA PAPER (CHINA) COMPANY LTD
(21) 11202102610U	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11202102774S	(71) CHINA CONSTRUCTION SCIENCE&TECHNOLOGY GROUP CO., LTD.
(21) 11202102901U	(71) RIGEL TECHNOLOGY (S) PTE LTD
(21) 11202103136V	(71) NEC CORPORATION
(21) 11202103709V	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.
(21) 11202103738W	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202103931R	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; SINGAPORE DISTRICT COOLING PTE LTD
(21) 11202104511Q	(71) BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
(21) 11202104555U	(71) ZTE CORPORATION
(21) 11202104885P	(71) YANGTZE MEMORY TECHNOLOGIES CO., LTD.
(21) 11202105251R	(71) STI CO., LTD.
(21) 11202106944P	(71) ZTE CORPORATION
(21) 11202108981R	(71) TAIHEIYO CEMENT CORPORATION
7th Year	
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinntzige GmbH
(21) 10201610585W	(71) MasterCard International Incorporated
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610669R	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201701042T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201702179R	(71) Rearden, LLC
(21) 10201702326T	(71) ST ENGINEERING ELECTRONICS LTD.
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201704622Y	(71) GILEAD SCIENCES, INC.
(21) 10201705320P	(71) Lam Research Corporation
(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201706484X	(71) DISCO CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201707070R	(71) EBARA CORPORATION
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201707557Q	(71) Lam Research Corporation
(21) 10201707559T	(71) Lam Research Corporation
(21) 10201707932Y	(71) Teknik Technologies Pty Limited
(21) 10201708389S	(71) SOITEC
(21) 10201708448U	(71) Lam Research Corporation
(21) 10201708542R	(71) GENENTECH, INC.
(21) 10201709216V	(71) ROLLS-ROYCE PLC
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201710542U	(71) Robert Chua Production House Co. Ltd; Robert Chua Wah Peng
(21) 10201710613W	(71) Evonik Operations GmbH
(21) 10201710672S	(71) INLINE APPS LIMITED
(21) 10201710872W	(71) TETSUYU HEALTHCARE HOLDINGS PTE. LTD.
(21) 10201800025R	(71) YOKOGAWA ELECTRIC CORPORATION
(21) 10201800068T	(71) DISCO CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201800100X	(71) ACCENTURE GLOBAL SOLUTIONS LIMITED
(21) 10201800146T	(71) Panasonic Appliances Refrigeration Devices Singapore
(21) 10201800154R	(71) GOOGLE LLC
(21) 10201800155P	(71) GOOGLE LLC
(21) 10201800173X	(71) GAZTRANSPORT ET TECHNIGAZ
(21) 10201800240Y	(71) DELTA ELECTRONICS INTL (SINGAPORE) PTE LTD
(21) 10201800316R	(71) DELTA ELECTRONICS INTL (SINGAPORE) PTE LTD
(21) 10201800375T	(71) SSenStone Inc.
(21) 10201800388U	(71) DISCO CORPORATION
(21) 10201800531W	(71) APPLIED MATERIALS, INC.
(21) 10201800557Y	(71) ENEOS MATERIALS CORPORATION
(21) 10201800568X	(71) Versum Materials US, LLC
(21) 10201800586R	(71) EBARA CORPORATION
(21) 10201800596W	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800616P	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201800620X	(71) DISCO CORPORATION
(21) 10201800703V	(71) DISCO CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201800712W	(71) Shin-Etsu Chemical Co., Ltd.
(21) 10201800735U	(71) EBARA CORPORATION
(21) 10201800785S	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800801T	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800802S	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800803X	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800807R	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800809U	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201800824P	(71) Accenture Global Solutions Limited
(21) 10201800925X	(71) Apple Inc.
(21) 10201801158Q	(71) VERSUM MATERIALS US, LLC
(21) 10201801300S	(71) Financial & Risk Organisation Limited
(21) 10201801578T	(71) VERSUM MATERIALS US, LLC
(21) 10201801608Q	(71) Apple Inc.
(21) 10201801644Q	(71) Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
(21) 10201801707X	(71) Illumina, Inc.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201801944P	(71) Ministry of Home Affairs, Singapore
(21) 10201802516Y	(71) Tai Han Electric Wire Co., Ltd.
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201803812T	(71) SAGE THERAPEUTICS, INC.
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201808726R	(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201900350U	(71) SSenStone Inc.
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201911900Y	(71) HOYA CORPORATION
(21) 10201911903X	(71) HOYA CORPORATION
(21) 10201913414W	(71) Tokyo Electron Limited
(21) 10201913707U	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202001870V	(71) RotaChrom Technolgiai Zrt.
(21) 10202005442P	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202006001Q	(71) Advanced New Technologies Co., Ltd.
(21) 10202010067X	(71) TOHOKU UNIVERSITY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED
(21) 10202010071W	(71) TOHOKU UNIVERSITY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED
(21) 10202010072U	(71) TOHOKU UNIVERSITY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED
(21) 10202010406P	(71) MAWETAL LLC
(21) 10202012631S	(71) VERSUM MATERIALS US, LLC
(21) 10202101952X	(71) Advanced New Technologies Co., Ltd.
(21) 10202103740T	(71) Advanced New Technologies Co., Ltd.
(21) 10202104088S	(71) Advanced New Technologies Co., Ltd.
(21) 10202105501Q	(71) Advanced New Technologies Co., Ltd.
(21) 10202105785R	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 10202106015U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10202106031W	(71) WAYMO LLC
(21) 10202106381W	(71) COMPOSECURE, LLC
(21) 10202107348R	(71) BGC PARTNERS, L.P.
(21) 10202107804W	(71) LION CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202107814Q	(71) LION CORPORATION
(21) 10202108677W	(71) Advanced New Technologies Co., Ltd.
(21) 10202113280X	(71) POLYPHOR AG
(21) 10202251500V	(71) HAMAMATSU PHOTONICS K.K.
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201709730V	(71) NANOBIO TIX
(21) 11201802867U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201804394R	(71) GEMALTO SA
(21) 11201804795S	(71) MICRON TECHNOLOGY, INC.
(21) 11201805977V	(71) ABRASIVE ENGINEERING PTE LTD
(21) 11201806194X	(71) SONY CORPORATION
(21) 11201806419R	(71) SUTRO BIOPHARMA, INC.
(21) 11201806875U	(71) DASSAULT SYSTEMES AMERICAS CORP.
(21) 11201806946V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201807004S	(71) AIRPORT AUTHORITY; D2V LIMITED
(21) 11201807081X	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201807652S	(71) HANGZHOU DAC BIOTECH CO, LTD
(21) 11201808024R	(71) APPLIED MATERIALS, INC.
(21) 11201808291Y	(71) LINTEC CORPORATION
(21) 11201808507V	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201808566W	(71) BAYER PHARMA AKTIENGESELLSCHAFT
(21) 11201808604X	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201809083T	(71) PING AN TECHNOLOGY(SHENZHEN)CO., LTD.
(21) 11201809214P	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201809215T	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201809309W	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201809352W	(71) ZHEJIANG CRYSTAL-OPTECH CO., LTD.
(21) 11201809387Q	(71) THE SCRIPPS RESEARCH INSTITUTE
(21) 11201809493X	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809575T	(71) CODEXIS, INC.
(21) 11201809595R	(71) Ping An Technology(Shenzhen)Co.,Ltd.
(21) 11201809602W	(71) Ping An Technology(Shenzhen)Co.,Ltd.
(21) 11201809623Y	(71) Ping An Technology(Shenzhen)Co.,Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201809627Q	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 11201809725T	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201809741W	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809774U	(71) ZİRVE İKOLATA GIDA SAN. TİC. A.Ş.
(21) 11201809820Y	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809826W	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809827R	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809856S	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201809880R	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201809966W	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201810229W	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201810243V	(71) ADERANS COMPANY LIMITED; HIMO INC.
(21) 11201810380V	(71) PING AN TECHNOLOGY (SHENZHEN) CO. , LTD.
(21) 11201810429U	(71) MORPHOSYS AG
(21) 11201810489P	(71) Aderans Company Limited; HIMO INC.
(21) 11201810563U	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201810611Y	(71) ILLUMINA CAMBRIDGE LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201810892X	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201811005X	(71) nCHAIN HOLDINGS LIMITED
(21) 11201811012V	(71) INGAR LLC
(21) 11201811126S	(71) SUMCO CORPORATION
(21) 11201811310S	(71) ILLUMINA, INC.
(21) 11201811312W	(71) ILLUMINA, INC.
(21) 11201811314R	(71) ILLUMINA, INC.
(21) 11201811315P	(71) ILLUMINA, INC.
(21) 11201811324V	(71) ILLUMINA, INC.
(21) 11201811325Q	(71) ILLUMINA, INC.
(21) 11201811328P	(71) ILLUMINA, INC.
(21) 11201811331P	(71) ILLUMINA, INC.
(21) 11201811332Y	(71) ILLUMINA, INC.
(21) 11201811478T	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811479R	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811510T	(71) SUEZ INTERNATIONAL
(21) 11201811521S	(71) KABUSHIKI KAISHA YAKULT HONSHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201811794Y	(71) LG ELECTRONICS INC.
(21) 11201811808V	(71) Beijing OceanBase Technology Co., Ltd.
(21) 11201900090T	(71) MINGSIGHT PHARMACEUTICALS, INC.
(21) 11201900133W	(71) SPHINGOTEC GMBH
(21) 11201900244Q	(71) BEIJING QIYI CENTURY SCIENCE & TECHNOLOGY CO., LTD.
(21) 11201900489U	(71) TOYOTA BOSHOKU KABUSHIKI KAISHA
(21) 11201900492Y	(71) NIHON MATAI CO., LTD.
(21) 11201900554Y	(71) Tenacia Biotechnology (Hong Kong) Co., Limited
(21) 11201900663U	(71) XINTELA AB
(21) 11201901036Q	(71) LG ELECTRONICS INC.
(21) 11201901141W	(71) BeiGene Switzerland GmbH
(21) 11201901419Q	(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
(21) 11201901441Q	(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
(21) 11201901504T	(71) CJ CHEILJEDANG CORPORATION
(21) 11201901603R	(71) OBLIQUE THERAPEUTICS AB
(21) 11201901734Y	(71) FUJI ELECTRIC CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201901743W	(71) CORNING INCORPORATED
(21) 11201901752R	(71) CJ CHEILJEDANG CORPORATION
(21) 11201901810T	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201901968T	(71) C. R. Bard, Inc.
(21) 11201902024P	(71) Kyowa Kirin Co., Ltd.
(21) 11201902053Y	(71) TSENG, Yufeng Jane; NATIONAL TAIWAN UNIVERSITY; National Yang Ming Chiao Tung University; NATIONAL HEALTH RESEARCH INSTITUTES
(21) 11201902080W	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201902104U	(71) CENTAURI THERAPEUTICS LIMITED
(21) 11201902245T	(71) WUZHOU SHENGUAN PROTEIN CASING CO., LTD.
(21) 11201902367X	(71) MEXICHEM FLUOR S.A. DE C.V.
(21) 11201902377T	(71) PING AN TECHNOLOGY(SHENZHEN)CO.,LTD.
(21) 11201902416X	(71) THE CHILDREN'S MEDICAL CENTER CORPORATION; DOMPE FARMACEUTICI S.P.A.
(21) 11201902498R	(71) Ping An Technology (Shenzhen)Co., Ltd.
(21) 11201902512V	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11201902655T	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201902723P	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201902724Y	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201902882U	(71) Rapport Therapeutics, Inc.
(21) 11201902884Y	(71) Rapport Therapeutics, Inc.
(21) 11201903021W	(71) EUTILEX CO., LTD.
(21) 11201903152U	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 11201903182X	(71) ASTRAZENECA AB
(21) 11201903206P	(71) PING AN TECHNOLOGY (SHENZHEN) CO. , LTD.
(21) 11201903220T	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201903229Y	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11201903234Y	(71) RHEINMETALL WAFFE MUNITION GMBH
(21) 11201903245Y	(71) VIRTUALLY LIVE (SWITZERLAND) GMBH
(21) 11201903402Y	(71) THE WELDING INSTITUTE
(21) 11201903577X	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 11201903605T	(71) Seagen Inc.
(21) 11201903695S	(71) GOOGLE LLC
(21) 11201903711W	(71) ROVI GUIDES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201903732T	(71) XYLONIX PTE. LTD.
(21) 11201903791R	(71) SAMI LABS LIMITED
(21) 11201903794X	(71) VANDERBILT UNIVERSITY
(21) 11201903829P	(71) NEURIM PHARMACEUTICALS LTD.
(21) 11201903850S	(71) CHEVRON ORONITE COMPANY LLC
(21) 11201903907R	(71) Artheia Technologies (Suzhou) Co., Ltd.
(21) 11201903927Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201904038T	(71) ESCILAB SP. Z O.O.
(21) 11201904070V	(71) W.L. GORE & ASSOCIATES, INC.
(21) 11201904139P	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201904338R	(71) MITSUBISHI CHEMICAL CORPORATION
(21) 11201904371U	(71) Advanced New Technologies Co., Ltd.
(21) 11201904372X	(71) UNIVERSAL CITY STUDIOS LLC
(21) 11201904375S	(71) Advanced New Technologies Co., Ltd.
(21) 11201904391T	(71) UNIVERSAL INSTRUMENTS CORPORATION
(21) 11201904430U	(71) GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD
(21) 11201904433Y	(71) TEIJIN FRONTIER CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201904449U	(71) SICPA HOLDING SA
(21) 11201904521P	(71) VEOLIA ENVIRONNEMENT-VE
(21) 11201904524Q	(71) GIVAUDAN SA
(21) 11201904597S	(71) GUARDANT HEALTH, INC.
(21) 11201904599Y	(71) RIKEN; SUMITOMO PHARMA CO., LTD.
(21) 11201904670X	(71) TEL EPION INC.
(21) 11201904677P	(71) MEDIATEK INC.
(21) 11201904746Q	(71) ALECTOR LLC
(21) 11201904755Y	(71) TOHOKU UNIVERSITY
(21) 11201904760R	(71) ASAHI INTECC CO., LTD.
(21) 11201904779Q	(71) ATOTECH DEUTSCHLAND GMBH
(21) 11201904781T	(71) ATOTECH DEUTSCHLAND GMBH
(21) 11201904859S	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT(GROUP) CO., LTD.
(21) 11201904886X	(71) KEIO UNIVERSITY; THE UNIVERSITY OF TOKYO
(21) 11201904890S	(71) KINETICS DRIVE SOLUTIONS INC.
(21) 11201904894R	(71) PING AN TECHNOLOGY(SHENZHEN)CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201904912Q	(71) HERIOT-WATT UNIVERSITY
(21) 11201904915Y	(71) ALLNEX AUSTRIA GMBH
(21) 11201904987Q	(71) FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.
(21) 11201905004P	(71) ILLUMINA, INC.
(21) 11201905009X	(71) ARKEMA FRANCE
(21) 11201905049U	(71) ILLUMINA, INC.
(21) 11201905052T	(71) ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED
(21) 11201905094T	(71) Advanced New Technologies Co., Ltd.
(21) 11201905105X	(71) ILLUMINA, INC.
(21) 11201905133S	(71) SAREPTA THERAPEUTICS, INC.
(21) 11201905134P	(71) SAREPTA THERAPEUTICS, INC.
(21) 11201905157V	(71) RATTI, Jayant
(21) 11201905161U	(71) MERCK PATENT GMBH
(21) 11201905189U	(71) COMMISSARIAT L'NERGIE ATOMIQUE ET AUX NERGIES ALTERNATIVES; METALLIANCE
(21) 11201905196T	(71) ANTUNES, Nuno
(21) 11201905260X	(71) CODEXIS, INC.
(21) 11201905280P	(71) APPIX PROJECT INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905289R	(71) CONTIPRO A.S.
(21) 11201905302T	(71) LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST)
(21) 11201905331R	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201905338U	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201905345U	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201905361Q	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201905362R	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201905364P	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201905365T	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201905410W	(71) HUA MEDICINE (SHANGHAI) LTD.
(21) 11201905422P	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201905423V	(71) ABB SCHWEIZ AG
(21) 11201905431W	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201905462W	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201905465P	(71) ENGIE

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905496W	(71) TWIST BIOSCIENCE CORPORATION
(21) 11201905507X	(71) NANOBLOTIX
(21) 11201905510X	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201905512T	(71) LOAP, Suvaddhana, Sarin
(21) 11201905513U	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP
(21) 11201905517P	(71) MEDIATEK INC.
(21) 11201905530P	(71) Advanced New Technologies Co., Ltd.
(21) 11201905539R	(71) Siemens Energy AS
(21) 11201905540R	(71) OUTOKUMPU OYJ
(21) 11201905542X	(71) Siemens Energy AS
(21) 11201905555Q	(71) KLA-TENCOR CORPORATION
(21) 11201905575T	(71) INVENTIO AG
(21) 11201905583V	(71) CARBON ENGINEERING LTD.
(21) 11201905622V	(71) GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
(21) 11201905634T	(71) BOEGLI-GRAVURES SA
(21) 11201905638Y	(71) NANOBLOTIX
(21) 11201905643U	(71) KURARAY CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905660P	(71) INCYTE CORPORATION
(21) 11201905677X	(71) EQUINIX, INC.
(21) 11201905679S	(71) KAHR MEDICAL LTD.
(21) 11201905692R	(71) TENEOBIO, INC.
(21) 11201905696U	(71) BOMBARDIER TRANSPORTATION GMBH
(21) 11201905700Y	(71) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
(21) 11201905702S	(71) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
(21) 11201905705Q	(71) AVNERA CORPORATION
(21) 11201905714T	(71) WING AVIATION LLC
(21) 11201905729X	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201905735P	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11201905748R	(71) Advanced New Technologies Co., Ltd.
(21) 11201905780W	(71) JAPAN MARINE UNITED CORPORATION
(21) 11201905790X	(71) SKYWORKS SOLUTIONS, INC.
(21) 11201905791Y	(71) TOYO KOHAN CO., LTD.
(21) 11201905812W	(71) ARCUS BIOSCIENCES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201905829U	(71) MGI TECH CO., LTD.; BGI SHENZHEN
(21) 11201905832Y	(71) TEKO TELECOM S.R.L.
(21) 11201905858R	(71) Advanced New Technologies Co., Ltd.
(21) 11201905862V	(71) Advanced New Technologies Co., Ltd.
(21) 11201905888Y	(71) YAMAGUCHI UNIVERSITY; NATIONAL CANCER CENTER; NOILE-IMMUNE BIOTECH, INC.
(21) 11201905910Q	(71) TSUBOTA LABORATORY, INC.
(21) 11201905919V	(71) THE CURATORS OF THE UNIVERSITY OF MISSOURI
(21) 11201905924Q	(71) PRODUITS BERGER
(21) 11201905933U	(71) SUMITOMO CHEMICAL COMPANY, LIMITED; KYOTO UNIVERSITY
(21) 11201905943T	(71) NTXBIO, LLC
(21) 11201905959P	(71) InterDigital Patent Holdings, Inc.
(21) 11201905964V	(71) KOCH-GLITSCH, LP
(21) 11201906003V	(71) Advanced New Technologies Co., Ltd.
(21) 11201906016Y	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201906044P	(71) CORNER STAR LIMITED
(21) 11201906045T	(71) METAWATER CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906053P	(71) COMPOSECURE, LLC
(21) 11201906060U	(71) APPLIED MATERIALS, INC.
(21) 11201906071Y	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201906079W	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 11201906082X	(71) COMPOSECURE, LLC
(21) 11201906083Q	(71) SOITEC
(21) 11201906098T	(71) SONY SEMICONDUCTOR SOLUTIONS CORPORATION
(21) 11201906100U	(71) NESTE OYJ
(21) 11201906102V	(71) SICPA HOLDING SA
(21) 11201906133P	(71) QROMIS, INC.
(21) 11201906148T	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 11201906149R	(71) CHAN, Koon Lin Eunice
(21) 11201906153S	(71) HOYA CORPORATION
(21) 11201906160S	(71) ENVAC AB
(21) 11201906163T	(71) ATEA PHARMACEUTICALS, INC.
(21) 11201906176V	(71) HFI Innovation Inc.
(21) 11201906183U	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906187P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906191T	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906194V	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906205U	(71) ALZETA CORPORATION
(21) 11201906224R	(71) CAPITALLOGIX HOLDINGS, LLC
(21) 11201906226Y	(71) MELINTA THERAPEUTICS, LLC
(21) 11201906234U	(71) BECTON DICKINSON ROWA GERMANY GMBH
(21) 11201906250Y	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906263P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906315T	(71) Advanced New Technologies Co., Ltd.
(21) 11201906317Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201906321W	(71) SCIPHARM SRL
(21) 11201906322U	(71) SYNEXIS LLC
(21) 11201906324Y	(71) MEDIATEK INC.
(21) 11201906336W	(71) BGC PARTNERS, L.P.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906339U	(71) GALDIERIA CO., LTD.
(21) 11201906342V	(71) WELL BEING DIGITAL LIMITED
(21) 11201906343Y	(71) DENSO CORPORATION
(21) 11201906353R	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906361Y	(71) CSTONE PHARMACEUTICALS (SUZHOU) CO., LTD.; CSTONE PHARMACEUTICALS (SHANGHAI) CO., LTD.; CSTONE PHARMACEUTICALS
(21) 11201906365V	(71) TAKASAGO INTERNATIONAL CORPORATION
(21) 11201906378U	(71) GREENPHYTO PTE. LTD.
(21) 11201906379Y	(71) GREENPHYTO PTE. LTD.
(21) 11201906386X	(71) TURNING POINT THERAPEUTICS, INC.
(21) 11201906451R	(71) ETENL MARINE ECO-TECHNOLOGY (HOLDINGS) LIMITED
(21) 11201906467V	(71) DAEWOONG PHARMACEUTICAL CO., LTD.
(21) 11201906524T	(71) Advanced New Technologies Co., Ltd.; Singapore University of Technology and Design
(21) 11201906532P	(71) Advanced New Technologies Co., Ltd.
(21) 11201906565T	(71) SAUDI ARABIAN OIL COMPANY
(21) 11201906568W	(71) CLARIANT PLASTICS & COATINGS LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906579U	(71) FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD.
(21) 11201906602S	(71) Z-Modular Holding, Inc.
(21) 11201906623S	(71) NATIONAL UNIVERSITY OF SINGAPORE
(21) 11201906626U	(71) MEC COMPANY LTD.
(21) 11201906647T	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906649V	(71) CLARIANT PLASTICS & COATINGS LTD
(21) 11201906650U	(71) CLEAN AIR ENTERPRISE AG
(21) 11201906661R	(71) TENDYRON CORPORATION
(21) 11201906699W	(71) LIFEFOUNDRY, INC.
(21) 11201906708W	(71) ZHEJIANG MEDICINE CO., LTD. XINCHANG PHARMACEUTICAL FACTORY; ZHEJIANG MEDICINE CO., LTD. VITAMIN FACTORY
(21) 11201906711R	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906718U	(71) Resonac Corporation
(21) 11201906738S	(71) Advanced New Technologies Co., Ltd.
(21) 11201906743X	(71) TENDYRON CORPORATION
(21) 11201906761P	(71) ZEON CORPORATION
(21) 11201906779V	(71) ZACTRACK GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906795S	(71) Inari Agriculture Technology, Inc.
(21) 11201906809R	(71) ANGEL PLAYING CARDS CO., LTD.
(21) 11201906818R	(71) RAYTHEON COMPANY
(21) 11201906819V	(71) ONO PHARMACEUTICAL CO., LTD.
(21) 11201906821P	(71) SOITEC
(21) 11201906845P	(71) IXOM OPERATIONS PTY LTD
(21) 11201906869U	(71) Advanced New Technologies Co., Ltd.
(21) 11201906872V	(71) GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
(21) 11201906874W	(71) Advanced New Technologies Co., Ltd.
(21) 11201906886U	(71) FUJI OIL HOLDINGS INC.
(21) 11201906916P	(71) SUNTORY HOLDINGS LIMITED
(21) 11201906922T	(71) EIDOS THERAPEUTICS, INC.
(21) 11201906926R	(71) Advanced New Technologies Co., Ltd.
(21) 11201906964T	(71) SYSMEX CORPORATION
(21) 11201906975P	(71) SOITEC
(21) 11201906986W	(71) Elta Systems Ltd.
(21) 11201906989U	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201907022T	(71) Advanced New Technologies Co., Ltd.
(21) 11201907036U	(71) SABIC GLOBAL TECHNOLOGIES B.V.
(21) 11201907045W	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201907100R	(71) MITSUI MINING & SMELTING CO., LTD.; HOYA CORPORATION; HOYA ELECTRONICS SINGAPORE PTE. LTD.
(21) 11201907112R	(71) NIPPON STEEL NISSHIN CO., LTD.
(21) 11201907113S	(71) NIPPON STEEL NISSHIN CO., LTD.
(21) 11201907136W	(71) TECHNIP FRANCE
(21) 11201907170T	(71) Advanced New Technologies Co., Ltd.
(21) 11201907207U	(71) BERLIN-CHEMIE AG
(21) 11201907212S	(71) Advanced New Technologies Co., Ltd.
(21) 11201907213X	(71) VERSUM MATERIALS US, LLC
(21) 11201907230R	(71) ILLUMINA, INC.
(21) 11201907252P	(71) Advanced New Technologies Co., Ltd.
(21) 11201907256Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201907267V	(71) HITACHI, LTD.
(21) 11201907295T	(71) NOVOMATIC AG
(21) 11201907320Y	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201907334Q	(71) ASTRAZENECA AB
(21) 11201907355X	(71) BEIJING SENSETIME TECHNOLOGY DEVELOPMENT CO., LTD.
(21) 11201907432W	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201907438X	(71) KOCHER-PLASTIK MASCHINENBAU GMBH
(21) 11201907442U	(71) ISOFOL MEDICAL AB
(21) 11201907456P	(71) Advanced New Technologies Co., Ltd.
(21) 11201907558Q	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201907621P	(71) OPEX CORPORATION
(21) 11201907679T	(71) Advanced New Technologies Co., Ltd.
(21) 11201907698U	(71) Comba Telecom Technology (Guangzhou) Ltd.
(21) 11201907736Q	(71) SONY CORPORATION
(21) 11201907771T	(71) HOYA CORPORATION
(21) 11201907776W	(71) DROPBOX, INC.
(21) 11201907792U	(71) KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(21) 11201907826Y	(71) ILDONG PHARMACEUTICAL CO., LTD.
(21) 11201907854V	(71) CORCEPT THERAPEUTICS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201907932U	(71) KIOXIA CORPORATION
(21) 11201908069R	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201908073R	(71) SH TECHNOLOGIES PTE LTD
(21) 11201908177R	(71) TOHOKU UNIVERSITY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED
(21) 11201908215W	(71) XIAMEN UNIVERSITY; YANG SHENG TANG COMPANY, LTD.
(21) 11201908303R	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201908356W	(71) Resonac Corporation
(21) 11201908381R	(71) EBARA CORPORATION
(21) 11201908405Y	(71) ZENSHO HOLDINGS CO., LTD.
(21) 11201908417T	(71) LIANG, Peiling
(21) 11201908435V	(71) ISEO SERRATURE S.P.A.
(21) 11201908452X	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201908692Y	(71) MITSUI E&S MACHINERY CO., LTD.
(21) 11201908780R	(71) EBARA CORPORATION
(21) 11201908815S	(71) ADIUVO DIAGNOSTICS PVT LTD
(21) 11201908845X	(71) STAN-IN PRIVATE LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201909067U	(71) AMOREPACIFIC CORPORATION
(21) 11201909316W	(71) TEC ADVANCED ANSTALT
(21) 11201909827P	(71) MEIDENSHA CORPORATION
(21) 11201909908U	(71) mil-kin Inc.
(21) 11201910725X	(71) XU, Wenlong
(21) 11201911587T	(71) ILLUMINA, INC.
(21) 11201911765Q	(71) MERLIN SOLAR TECHNOLOGIES, INC.
(21) 11201913228Y	(71) LG ELECTRONICS INC.
(21) 11201913493R	(71) GRST INTERNATIONAL LIMITED
(21) 11202000619W	(71) SHANGHAI INSTITUTE OF OPTICS AND FINE MECHANICS CHINESE ACADEMY OF SCIENCES; Hangzhou Institute Of Optics And Fine Mechanics
(21) 11202000879V	(71) INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES; BEIJING HILI TECHNOLOGY CO. LTD.
(21) 11202001873S	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11202001910W	(71) SINGAPORE AIRLINES LIMITED
(21) 11202002087V	(71) PING AN TECHNOLOGY(SHENZHEN)CO., LTD.
(21) 11202002690R	(71) NANTONG JIN YUAN NEW MATERIALS CO., LTD.
(21) 11202002715X	(71) MULTI HOME BUILDER SDN BHD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11202002778S	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11202004615Y	(71) NANJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS
(21) 11202004755Q	(71) Resonac Corporation
(21) 11202005105U	(71) SWISS FIRE PROTECTION RESEARCH & DEVELOPMENT AG
(21) 11202005673V	(71) BAE SYSTEMS
(21) 11202005680P	(71) MOOG INC.
(21) 11202005872X	(71) LUMACYTE LLC
(21) 11202005978R	(71) BUKWANG PHARMACEUTICAL CO., LTD.
(21) 11202006522W	(71) CARRIER CORPORATION
(21) 11202006592V	(71) Resonac Corporation
(21) 11202006596P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11202007413V	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11202007768Y	(71) 1195143 B.C. LTD.
(21) 11202106944P	(71) ZTE CORPORATION
8th Year	
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinützige GmbH
(21) 10201610585W	(71) MasterCard International Incorporated
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610669R	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201610912U	(71) GOOGLE LLC
(21) 10201610914Y	(71) MEIDENSHA CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201610917T	(71) GOOGLE LLC
(21) 10201610977Q	(71) GOOGLE LLC
(21) 10201700005T	(71) GENERAL ELECTRIC COMPANY
(21) 10201700013V	(71) KIOXIA CORPORATION
(21) 10201700019Y	(71) CANON KABUSHIKI KAISHA
(21) 10201700022Q	(71) GRIFOLS WORLDWIDE OPERATIONS LIMITED
(21) 10201700072U	(71) DISCO CORPORATION
(21) 10201700107T	(71) GENERAL ELECTRIC COMPANY
(21) 10201700180Y	(71) Naturion Pte. Ltd.
(21) 10201700186W	(71) THE BOEING COMPANY
(21) 10201700215T	(71) DISCO CORPORATION
(21) 10201700218W	(71) DISCO CORPORATION
(21) 10201700249T	(71) CHEN, CHIANG-CHUAN; CHEN, WEI-TUNG
(21) 10201700295P	(71) HUAWEI INTERNATIONAL PTE. LTD.; SINGAPORE MANAGEMENT UNIVERSITY
(21) 10201700302T	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201700304S	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201700308Q	(71) SOITEC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201700309W	(71) SOITEC
(21) 10201700311S	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201700313W	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201700314U	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201700332P	(71) Toyota Jidosha Kabushiki Kaisha
(21) 10201700342Y	(71) TOYOTA JIDOSHA KABUSHIKI KAISHA
(21) 10201700345U	(71) General Electric Company
(21) 10201700347X	(71) General Electric Company
(21) 10201700437T	(71) TOKYO ELECTRON LIMITED
(21) 10201700452R	(71) VERSUM MATERIALS US, LLC
(21) 10201700495Q	(71) Shin-Etsu Chemical Co., Ltd.
(21) 10201700509S	(71) YOKOGAWA ENGINEERING ASIA PTE. LTD.
(21) 10201700541U	(71) General Electric Company
(21) 10201700558P	(71) HUAWEI INTERNATIONAL PTE. LTD.; SINGAPORE MANAGEMENT UNIVERSITY
(21) 10201700573S	(71) ACCENTURE GLOBAL SOLUTIONS LIMITED
(21) 10201700584X	(71) Kabushiki Kaisha Toshiba

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201700587S	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201700592V	(71) CHUGOKU MARINE PAINTS, LTD.
(21) 10201700633Q	(71) General Electric Company
(21) 10201700634T	(71) DISCO CORPORATION
(21) 10201700729X	(71) ACCENTURE GLOBAL SOLUTIONS LIMITED
(21) 10201700762P	(71) DISCO CORPORATION
(21) 10201701042T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201701088R	(71) MasterCard International Incorporated
(21) 10201701124T	(71) PSK INC.
(21) 10201701229R	(71) AIR PRODUCTS AND CHEMICALS, INC.
(21) 10201701233Y	(71) AIR PRODUCTS AND CHEMICALS, INC.
(21) 10201701239T	(71) EBARA CORPORATION
(21) 10201701242S	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201701583U	(71) GO BUNGY INTERNATIONAL PTE. LTD.
(21) 10201702179R	(71) Rearden, LLC
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707267R	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201708542R	(71) GENENTECH, INC.
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201803812T	(71) SAGE THERAPEUTICS, INC.
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201808521P	(71) GOOGLE LLC
(21) 10201808726R	(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201901214W	(71) RHEINMETALL WAFFE MUNITION GMBH
(21) 10201904431X	(71) LATTICETECHNOLOGY CO., LTD.
(21) 10201904453U	(71) WAYMO LLC
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201910486P	(71) PSK INC.
(21) 10201912870T	(71) ANGEL PLAYING CARDS CO., LTD.
(21) 10201913414W	(71) Tokyo Electron Limited
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202001870V	(71) RotaChrom Technolgiai Zrt.
(21) 10202004697T	(71) Suez International
(21) 10202010406P	(71) MAWETAL LLC
(21) 10202012631S	(71) VERSUM MATERIALS US, LLC
(21) 10202103740T	(71) Advanced New Technologies Co., Ltd.
(21) 10202104393V	(71) Advanced New Technologies Co., Ltd.
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201610782Y	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201610812W	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201705601X	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201705648T	(71) AZ Electronic Materials S. r.l.;INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201707991S	(71) EBARA CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201708267Y	(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
(21) 11201708829Y	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201708903S	(71) NAMICS CORPORATION
(21) 11201708944V	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201708947R	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201709014S	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201709253Y	(71) SANGWHA CO., LTD.
(21) 11201709274U	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201709619Q	(71) Ping An Technology (Shenzhen) Co., Ltd.
(21) 11201709730V	(71) NANOBOTIX
(21) 11201710265Q	(71) CONTIPRO A.S.
(21) 11201710282R	(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
(21) 11201710822T	(71) FUJI ELECTRIC CO., LTD.
(21) 11201800340R	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201800342X	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201800344T	(71) PING AN TECHNOLOGY (SHENZHEN) CO.,LTD.
(21) 11201800347W	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201800348Y	(71) PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
(21) 11201800367T	(71) PING AN TECHNOLOGY (SHENZHEN) CO.,LTD.
(21) 11201801742X	(71) NIPPON STEEL COATED SHEET CORPORATION
(21) 11201802860S	(71) EQUINIX, INC.
(21) 11201802867U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201803230R	(71) B. BRAUN MELSUNGEN AG
(21) 11201803456P	(71) KONECRANES GLOBAL CORPORATION
(21) 11201803670U	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201803725S	(71) CHEVRON ORONITE COMPANY LLC
(21) 11201803848Y	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201803851T	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201803881R	(71) MAX-PLANCK-GESELLSCHAFT ZUR FRDERUNG DER WISSENSCHAFTEN E.V.
(21) 11201803907Q	(71) BOREALIS AG
(21) 11201803929Y	(71) AB INITIO TECHNOLOGY LLC
(21) 11201803958W	(71) XL-PROTEIN GMBH; TECHNISCHE UNIVERSITT MNCHEN
(21) 11201803967U	(71) ELBEX VIDEO LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201803998P	(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
(21) 11201804138R	(71) BOREALIS AG
(21) 11201804142Q	(71) BOREALIS AG
(21) 11201804143W	(71) BOREALIS AG
(21) 11201804327T	(71) BITDEFENDER IPR MANAGEMENT LTD
(21) 11201804370T	(71) KONECRANES GLOBAL CORPORATION
(21) 11201804394R	(71) GEMALTO SA
(21) 11201804403T	(71) QUALCOMM INCORPORATED
(21) 11201804441Y	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804448Q	(71) QUALCOMM INCORPORATED
(21) 11201804482U	(71) AB INITIO TECHNOLOGY LLC
(21) 11201804536Q	(71) ALIBABA GROUP HOLDING LIMITED
(21) 11201804543R	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804554R	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804573X	(71) ICSIP Pty Ltd

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201804583Y	(71) BESI NETHERLANDS B.V.
(21) 11201804608P	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 11201804614T	(71) INVENTIO AG
(21) 11201804630S	(71) ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C.; BOREALIS AG
(21) 11201804642U	(71) JFE STEEL CORPORATION
(21) 11201804644Y	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804653Y	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804655R	(71) GOOGLE LLC
(21) 11201804664X	(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
(21) 11201804665W	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201804697P	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201804740Y	(71) SK CHEMICALS CO., LTD.
(21) 11201804752T	(71) WATERIO LTD
(21) 11201804756R	(71) KLA-TENCOR CORPORATION
(21) 11201804759W	(71) MARICAP OY
(21) 11201804789Q	(71) XOMA (US) LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201804790R	(71) AMRONA AG
(21) 11201804795S	(71) MICRON TECHNOLOGY, INC.
(21) 11201804836R	(71) SINGAPORE HEALTH SERVICES PTE LTD; NATIONAL UNIVERSITY OF SINGAPORE
(21) 11201804867R	(71) SIOO FRGKULTUR AB
(21) 11201804880V	(71) PHENOX GMBH
(21) 11201804892P	(71) SPHEREO SOUND LTD.
(21) 11201804916P	(71) SAFEGUARD BIOSYSTEMS HOLDINGS LTD.
(21) 11201804926R	(71) DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED
(21) 11201804934P	(71) MISSION THERAPEUTICS LIMITED
(21) 11201804943V	(71) WAYMO LLC
(21) 11201804949Y	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 11201804967W	(71) INVENTIO AG
(21) 11201804972W	(71) NIHON MATAI CO., LTD.
(21) 11201804983X	(71) AMAZON TECHNOLOGIES, INC.
(21) 11201805000R	(71) PHOTOCURE ASA
(21) 11201805004T	(71) ARDELYX, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805012R	(71) CMI DEFENCE S.A.
(21) 11201805018W	(71) RHEINMETALL WAFFE MUNITION GMBH
(21) 11201805057X	(71) NIPPON SODA CO., LTD.
(21) 11201805070T	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 11201805089R	(71) SUEZ INTERNATIONAL
(21) 11201805119Q	(71) GUARDANT HEALTH, INC.
(21) 11201805120Y	(71) VALNEVA AUSTRIA GMBH
(21) 11201805123X	(71) UPSTREAM BIO, INC.
(21) 11201805141Q	(71) PROGASTRINE ET CANCERS S. R.L.
(21) 11201805167Q	(71) ETHERFAX, LLC
(21) 11201805176R	(71) KEMIRA OYJ
(21) 11201805190P	(71) WATERIO LTD.
(21) 11201805202V	(71) PFIZER INC.
(21) 11201805263T	(71) PROGASTRINE ET CANCERS S. R.L.
(21) 11201805266Y	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201805281Y	(71) GOOGLE LLC
(21) 11201805318S	(71) NUCANA PLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805332R	(71) SYNCARDON, LLC
(21) 11201805335T	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201805341R	(71) REPLUCA PTY LTD
(21) 11201805390W	(71) BITDEFENDER IPR MANAGEMENT LTD
(21) 11201805409S	(71) AMAZON TECHNOLOGIES, INC.
(21) 11201805414S	(71) CLARIANT PLASTICS & COATINGS LTD
(21) 11201805417P	(71) EBARA CORPORATION
(21) 11201805418Q	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201805447W	(71) VIASAT, INC.
(21) 11201805474P	(71) TORAY INDUSTRIES, INC.
(21) 11201805493Y	(71) MAXION THERAPEUTICS LIMITED
(21) 11201805498S	(71) EVERBRIDGE NORWAY AS
(21) 11201805506Y	(71) ARCUS BIOSCIENCES, INC.
(21) 11201805514V	(71) STORA ENSO OYJ
(21) 11201805520U	(71) JONES, Maria Francisca
(21) 11201805531U	(71) CREATIVE BIOSCIENCES (GUANGZHOU) CO., LTD.
(21) 11201805537W	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805538Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201805557S	(71) AltruBio Inc.
(21) 11201805566X	(71) MOLONEY, Lindsay; SCOTT, Guy
(21) 11201805580Q	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201805588R	(71) SMART PACKAGING INDUSTRIES HOLDING AS
(21) 11201805605T	(71) PROGASTRINE ET CANCERS S. R.L.
(21) 11201805606U	(71) BECTON, DICKINSON AND COMPANY
(21) 11201805607Y	(71) BECTON, DICKINSON AND COMPANY
(21) 11201805617S	(71) Advanced New Technologies Co., Ltd.
(21) 11201805624U	(71) Advanced New Technologies Co., Ltd.
(21) 11201805629R	(71) SURGERE S.R.L.
(21) 11201805632V	(71) Advanced New Technologies Co., Ltd.
(21) 11201805637Q	(71) KOCH-GLITSCH, LP
(21) 11201805648P	(71) tZERO IP, LLC
(21) 11201805652T	(71) HELIATEK GMBH
(21) 11201805653U	(71) SAUDI ARABIAN OIL COMPANY; SUMITOMO CHEMICAL COMPANY, LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805687U	(71) FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED
(21) 11201805688X	(71) FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED
(21) 11201805693Q	(71) NASDAQ, INC.
(21) 11201805695S	(71) UNIVERSITY OF LEICESTER; OMEROS CORPORATION
(21) 11201805723R	(71) SUMITOMO ELECTRIC INDUSTRIES, LTD.; SUMITOMO ELECTRIC FINE POLYMER, INC.
(21) 11201805727X	(71) QUALCOMM INCORPORATED
(21) 11201805733U	(71) Siemens Energy AS; Siemens Energy Global GmbH & Co. KG
(21) 11201805741V	(71) Advanced New Technologies Co., Ltd.
(21) 11201805748X	(71) MICRO-CONTRLE - SPECTRA-PHYSICS SAS
(21) 11201805754T	(71) Advanced New Technologies Co., Ltd.
(21) 11201805759P	(71) Advanced New Technologies Co., Ltd.
(21) 11201805765Q	(71) ACHROMAZ PTE. LTD.
(21) 11201805767R	(71) NITOMS, INC.
(21) 11201805768P	(71) KOH HWEE LING
(21) 11201805769U	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201805777Q	(71) CELGENE CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805779T	(71) CELGENE CORPORATION
(21) 11201805791R	(71) BENEBIOSIS CO., LTD.
(21) 11201805799Y	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201805805V	(71) SNIPR TECHNOLOGIES LIMITED
(21) 11201805816X	(71) MODULEX INC.
(21) 11201805819R	(71) MICRON TECHNOLOGY, INC.
(21) 11201805820R	(71) ENVAC AB
(21) 11201805826V	(71) Advanced New Technologies Co., Ltd.
(21) 11201805828Y	(71) CHEMOCENTRYX, INC.
(21) 11201805831R	(71) INNATE PHARMA
(21) 11201805833V	(71) Advanced New Technologies Co., Ltd.
(21) 11201805835W	(71) REPLIMUNE LIMITED
(21) 11201805839Y	(71) NOKIA SOLUTIONS AND NETWORKS OY
(21) 11201805848V	(71) MICRON TECHNOLOGY, INC.
(21) 11201805850S	(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(21) 11201805857U	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; NANYANG TECHNOLOGICAL UNIVERSITY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805866U	(71) Advanced New Technologies Co., Ltd.
(21) 11201805867Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201805873X	(71) DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED
(21) 11201805876W	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201805888S	(71) INNATE TUMOR IMMUNITY, INC.
(21) 11201805894Y	(71) FORTY SEVEN, INC.
(21) 11201805898R	(71) ARKEMA FRANCE
(21) 11201805903X	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11201805927Y	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 11201805929X	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201805938X	(71) Advanced New Technologies Co., Ltd.
(21) 11201805942U	(71) EPICENTRX, INC.
(21) 11201805948R	(71) Suez International
(21) 11201805949V	(71) TORAY INDUSTRIES, INC.
(21) 11201805955R	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201805973W	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201805977V	(71) ABRASIVE ENGINEERING PTE LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201805980W	(71) ARKEMA INC.
(21) 11201806007R	(71) Advanced New Technologies Co., Ltd.
(21) 11201806009U	(71) Advanced New Technologies Co., Ltd.
(21) 11201806011U	(71) PARIS CROISSANT CO., LTD.
(21) 11201806015S	(71) IHI CORPORATION
(21) 11201806019P	(71) SUNTORY HOLDINGS LIMITED
(21) 11201806038X	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201806084Q	(71) YCCHEM CO., LTD.
(21) 11201806097P	(71) TRANSELL Co., Ltd.
(21) 11201806107V	(71) Advanced New Technologies Co., Ltd.
(21) 11201806131Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201806137P	(71) Ant Wealth (Shanghai) Financial Information Services Co., Ltd.
(21) 11201806153Q	(71) CHEMOCENTRYX, INC.
(21) 11201806155S	(71) THE CHEMOURS COMPANY FC, LLC
(21) 11201806169U	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201806174W	(71) CAINIAO SMART LOGISTICS HOLDING LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201806177Q	(71) ROHTO Pharmaceutical Co., Ltd.
(21) 11201806231P	(71) GustoMSC B.V.
(21) 11201806263Y	(71) Merck Patent GmbH
(21) 11201806272T	(71) Advanced New Technologies Co., Ltd.
(21) 11201806275V	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201806276R	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201806301Q	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 11201806307Y	(71) PFIZER INC.
(21) 11201806311R	(71) MACDERMID ENTHONE INC.
(21) 11201806319Y	(71) SABIC GLOBAL TECHNOLOGIES B.V.
(21) 11201806322Q	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201806323W	(71) FURUKAWA ELECTRIC CO., LTD.
(21) 11201806330U	(71) Ridgefield Acquisition
(21) 11201806344V	(71) Advanced New Technologies Co., Ltd.
(21) 11201806345Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201806368V	(71) ASTRAZENECA AB; EOLAS THERAPEUTICS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201806387U	(71) CLOSED-UP JOINT-STOCK COMPANY DRIVE
(21) 11201806394T	(71) Advanced New Technologies Co., Ltd.
(21) 11201806405V	(71) CHUGOKU MARINE PAINTS, LTD.
(21) 11201806416X	(71) CYTOKINETICS, INC.
(21) 11201806419R	(71) SUTRO BIOPHARMA, INC.
(21) 11201806423Q	(71) HAVENTEC PTY LTD
(21) 11201806441P	(71) MAGNETEK, INC.
(21) 11201806442Y	(71) OUSTER, INC.
(21) 11201806443R	(71) QUALCOMM INCORPORATED
(21) 11201806451V	(71) TOKYO ELECTRON LIMITED
(21) 11201806516P	(71) KOCHER-PLASTIK MASCHINENBAU GMBH
(21) 11201806534P	(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA
(21) 11201806583X	(71) BEYONDSRING PHARMACEUTICALS, INC.
(21) 11201806595U	(71) VERINATA HEALTH, INC.
(21) 11201806639V	(71) GENOVIS AB
(21) 11201806653S	(71) Financial & Risk Organisation Limited
(21) 11201806674T	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201806682T	(71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(21) 11201806683U	(71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(21) 11201806685V	(71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(21) 11201806688Q	(71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(21) 11201806700R	(71) PHARMAXIS LTD.
(21) 11201806769W	(71) ALCHEMY FOODTECH PTE. LTD.
(21) 11201806774X	(71) Merck Patent GmbH
(21) 11201806786X	(71) GINREILAB INC.; SHINKO CHEMICAL CO., LTD.
(21) 11201806793T	(71) JUUL LABS, INC.
(21) 11201806801V	(71) JUUL LABS, INC.
(21) 11201806807U	(71) JUUL LABS, INC.
(21) 11201806831U	(71) ECOLAB USA INC.
(21) 11201806838Y	(71) APPLIED MATERIALS, INC.
(21) 11201806868T	(71) APPLIED BIOLOGICAL LABORATORIES, INC.
(21) 11201806875U	(71) DASSAULT SYSTEMES AMERICAS CORP.
(21) 11201806891Q	(71) TANAKA KIKINZOKU KOGYO K.K.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201806899X	(71) MURATA MACHINERY, LTD.
(21) 11201806900W	(71) MURATA MACHINERY, LTD.
(21) 11201806942X	(71) Merck Patent GmbH
(21) 11201806946V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201806962U	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201806966S	(71) DAEWOONG PHARMACEUTICAL CO., LTD.
(21) 11201806968R	(71) DAEWOONG PHARMACEUTICAL CO.,LTD.
(21) 11201806983V	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201807002T	(71) UATC, LLC
(21) 11201807028Y	(71) JUUL LABS, INC.
(21) 11201807054R	(71) TORAY INDUSTRIES, INC.
(21) 11201807081X	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 11201807106W	(71) MERCK PATENT GMBH
(21) 11201807141W	(71) KAWASAKI RAILCAR MANUFACTURING CO., LTD
(21) 11201807142U	(71) KAWASAKI RAILCAR MANUFACTURING CO., LTD
(21) 11201807184Q	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11201807211X	(71) VERSUM MATERIALS US, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201807215R	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201807220X	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201807245W	(71) Advanced New Technologies Co., Ltd.
(21) 11201807247S	(71) Advanced New Technologies Co., Ltd.
(21) 11201807256X	(71) Advanced New Technologies Co., Ltd.
(21) 11201807274R	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201807309R	(71) Advanced New Technologies Co., Ltd.
(21) 11201807329S	(71) CHANG, Min Woo
(21) 11201807357W	(71) Advanced New Technologies Co., Ltd.
(21) 11201807383S	(71) Advanced New Technologies Co., Ltd.
(21) 11201807482X	(71) Cameron Technologies Limited
(21) 11201807652S	(71) HANGZHOU DAC BIOTECH CO, LTD
(21) 11201807767U	(71) Advanced New Technologies Co., Ltd.
(21) 11201807794V	(71) EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY
(21) 11201808282Y	(71) LATTICETECHNOLOGY CO., LTD.
(21) 11201808291Y	(71) LINTEC CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201808412P	(71) LEVEL 3 COMMUNICATIONS, LLC
(21) 11201809725T	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201809774U	(71) ZİRVE İKOLATA GIDA SAN. TİC. A.Ş.
(21) 11201809833R	(71) MITSUBISHI POWER, LTD.; MITSUBISHI SHIPBUILDING CO., LTD.
(21) 11201809856S	(71) SUVEN LIFE SCIENCES LIMITED
(21) 11201810003U	(71) SIGMA-ALDRICH CO. LLC
(21) 11201811094Q	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201811478T	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201811479R	(71) INTRON BIOTECHNOLOGY, INC.
(21) 11201900187S	(71) ANG, Kiak Sing
(21) 11201900381P	(71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY
(21) 11201902387U	(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
(21) 11201902437S	(71) ABVITRO LLC
(21) 11201903277W	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201903711W	(71) ROVI GUIDES, INC.
(21) 11201903791R	(71) SAMI LABS LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201903829P	(71) NEURIM PHARMACEUTICALS LTD.
(21) 11201904391T	(71) UNIVERSAL INSTRUMENTS CORPORATION
(21) 11201904904S	(71) OH, Bong kyun
(21) 11201905042S	(71) FEMSELECT LTD.
(21) 11201905154U	(71) FOSHAN UNIVERSITY
(21) 11201905205S	(71) EV GROUP E. THALLNER GMBH
(21) 11201905498P	(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(21) 11201905756P	(71) VPAS GROUP PTY LTD
(21) 11201905807S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201905922Y	(71) FIGUEIRA, Helder Silvestre Paiva
(21) 11201905983S	(71) HITACHI, LTD.
(21) 11201906091S	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906123V	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906180X	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906219W	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201906232Q	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906241U	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906250Y	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906251T	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906263P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906273S	(71) FUJI CORPORATION
(21) 11201906396Y	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906458U	(71) SAISON INFORMATION SYSTEMS CO., LTD.
(21) 11201906603X	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906615S	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201906792X	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201907138P	(71) ACHILLES CORPORATION
(21) 11201908142Y	(71) FUJI CORPORATION
9th Year (21) 10201510333X	(71) Panasonic Manufacturing Malaysia Berhad

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201510345R	(71) HERAEUS QUARZGLAS GmbH & Co. KG
(21) 10201510413X	(71) JF MICROTECHNOLOGY SDN. BHD.
(21) 10201510449W	(71) DIANTHUS CO., LTD.
(21) 10201510496U	(71) Evonik Oxeno GmbH & Co. KG
(21) 10201510596S	(71) Panasonic Manufacturing Malaysia Berhad
(21) 10201510773P	(71) Creative Technology Ltd
(21) 10201510822Y	(71) CREATIVE TECHNOLOGY LTD.
(21) 10201600021U	(71) Lam Research Corporation
(21) 10201600033V	(71) DISCO CORPORATION
(21) 10201600053T	(71) FUJIFILM Business Innovation Corp.
(21) 10201600054R	(71) FUJIFILM Business Innovation Corp.
(21) 10201600079U	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201600081X	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201600099V	(71) Lam Research Corporation
(21) 10201600192T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 10201600224S	(71) Huawei International Pte. Ltd.
(21) 10201600288P	(71) EMD MILLIPORE CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201600291P	(71) Praxair Technology, Inc.
(21) 10201600317T	(71) ASAHI KASEI KABUSHIKI KAISHA
(21) 10201600328V	(71) Mastercard International Incorporated
(21) 10201600338Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 10201600366W	(71) Versum Materials US, LLC
(21) 10201600388W	(71) DISCO CORPORATION
(21) 10201600482X	(71) Nitto Denko Corporation
(21) 10201600509P	(71) Hitachi, Ltd.
(21) 10201600552Y	(71) DISCO CORPORATION
(21) 10201600555U	(71) DISCO CORPORATION
(21) 10201600557X	(71) DISCO CORPORATION
(21) 10201600570T	(71) Versum Materials US, LLC
(21) 10201600629Q	(71) CANON KABUSHIKI KAISHA
(21) 10201600635Y	(71) HITACHI, LTD.
(21) 10201600638T	(71) STARCHIP
(21) 10201600648Y	(71) DISCO CORPORATION
(21) 10201600673S	(71) EMD Millipore Corporation

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201600680T	(71) CANON KABUSHIKI KAISHA
(21) 10201600738R	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201600739V	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201600773Q	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 10201600831X	(71) Kabushiki Kaisha Toshiba
(21) 10201600938Y	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10201601057V	(71) WEE LIANG CHIEH
(21) 10201601102X	(71) Versum Materials US, LLC
(21) 10201601479R	(71) Accenture Global Services Limited
(21) 10201601754R	(71) WEE LIANG CHIEH
(21) 10201602152U	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201702179R	(71) Rearden, LLC
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201708542R	(71) GENENTECH, INC.
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201801253Q	(71) EMD MILLIPORE CORPORATION
(21) 10201801287Y	(71) EMD Millipore Corporation
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201803812T	(71) SAGE THERAPEUTICS, INC.
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201804715W	(71) Caribou Biosciences, Inc.
(21) 10201805224X	(71) ACACIA COMMUNICATIONS, INC.
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201808726R	(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201900004U	(71) HFI INNOVATION INC.
(21) 10201903970P	(71) AB INITIO TECHNOLOGY LLC
(21) 10201905284U	(71) Advanced New Technologies Co., Ltd.
(21) 10201905359Q	(71) HYDRIL USA DISTRIBUTION LLC
(21) 10201905684Y	(71) ANGEHRN AG UMFORMTECHNIK
(21) 10201905881U	(71) OSSIO LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201905909R	(71) Advanced New Technologies Co., Ltd.
(21) 10201905911W	(71) Advanced New Technologies Co., Ltd.
(21) 10201905912U	(71) Advanced New Technologies Co., Ltd.
(21) 10201906054Y	(71) Advanced New Technologies Co., Ltd.
(21) 10201906104W	(71) Advanced New Technologies Co., Ltd.
(21) 10201906106P	(71) Advanced New Technologies Co., Ltd.
(21) 10201906518T	(71) Advanced New Technologies Co., Ltd.
(21) 10201906570Y	(71) THE LUBRIZOL CORPORATION
(21) 10201907044X	(71) Advanced New Technologies Co., Ltd.
(21) 10201907046Q	(71) Advanced New Technologies Co., Ltd.
(21) 10201907122U	(71) Advanced New Technologies Co., Ltd.
(21) 10201907254X	(71) Advanced New Technologies Co., Ltd.
(21) 10201907452V	(71) B. BRAUN MELSUNGEN AG
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201909698R	(71) DEXERIALS CORPORATION
(21) 10201909700W	(71) DEXERIALS CORPORATION
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10202002209T	(71) HFI INNOVATION INC.
(21) 10202012631S	(71) VERSUM MATERIALS US, LLC
(21) 11201602334P	(71) Eco Factory Co., Ltd.
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201605567Q	(71) YU, Freeman Zhenhua
(21) 11201607165Y	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201608788X	(71) SFM MEDICAL DEVICES GMBH
(21) 11201609947W	(71) ULVAC, INC.
(21) 11201610846U	(71) GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO.,LTD
(21) 11201700136U	(71) CLEARWATER HOLDINGS, LTD.
(21) 11201701911Q	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 11201701941X	(71) EBARA CORPORATION
(21) 11201702934T	(71) HALOZYME, INC.
(21) 11201703020Y	(71) DENSO CORPORATION
(21) 11201703173Q	(71) DENSO CORPORATION
(21) 11201703807V	(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH
(21) 11201703841V	(71) IMMATICS BIOTECHNOLOGIES GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201703996T	(71) B. BRAUN MELSUNGEN AG
(21) 11201704084V	(71) Autolus Limited
(21) 11201704165V	(71) BRACCO SUISSE SA
(21) 11201704236V	(71) Evonik Operations GmbH
(21) 11201704242T	(71) JFE STEEL CORPORATION
(21) 11201704276T	(71) LUMUS LTD.
(21) 11201704398T	(71) Evonik Operations GmbH
(21) 11201704399R	(71) Evonik Operations GmbH
(21) 11201704430S	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 11201704431V	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 11201704452V	(71) KLA-TENCOR CORPORATION
(21) 11201704464X	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201704470P	(71) EMPROS PHARMA AB
(21) 11201704591U	(71) Evonik Operations GmbH
(21) 11201704597W	(71) BioNTech SE; GENMAB A/S
(21) 11201704603W	(71) Advanced New Technologies Co., Ltd.
(21) 11201704669U	(71) TREDEGAR SURFACE PROTECTION, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201704703U	(71) AMAZON TECHNOLOGIES, INC.
(21) 11201704727W	(71) 2SEVENTY BIO, INC.
(21) 11201704729P	(71) HFI INNOVATION INC.
(21) 11201704753T	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201704796S	(71) SERVICES DEVELOPMENT COMPANY LLC
(21) 11201704797T	(71) Vertical Pharmaceuticals, LLC
(21) 11201704829Q	(71) UNIVERSITY OF IOWA RESEARCH FOUNDATION
(21) 11201704832Q	(71) ADIGE S.P.A.
(21) 11201704843Q	(71) CANCER RESEARCH TECHNOLOGY LIMITED
(21) 11201704851T	(71) OTSUKA PHARMACEUTICAL FACTORY, INC.; OTSUKA TECHNO CORPORATION
(21) 11201704859U	(71) PROTEOSTASIS THERAPEUTICS, INC.
(21) 11201704864Y	(71) GEISTLICH PHARMA AG
(21) 11201704874P	(71) ENPRO SUBSEA LIMITED
(21) 11201704877Y	(71) EBARA CORPORATION
(21) 11201704887S	(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; RAMOT AT TEL-AVIV UNIVERSITY LTD.; KIMRON VETERINARY INSTITUTE
(21) 11201704890U	(71) TEMASEK LIFE SCIENCES LABORATORY LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201704897Q	(71) FORMA THERAPEUTICS, INC.
(21) 11201704941S	(71) NITTO DENKO CORPORATION
(21) 11201704955T	(71) VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT
(21) 11201704964R	(71) AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A.
(21) 11201704976V	(71) SUTRO BIOPHARMA, INC.
(21) 11201704984S	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201704986R	(71) QUALITAU, INC.
(21) 11201705014T	(71) AMAZON TECHNOLOGIES, INC.
(21) 11201705019P	(71) MERZ PHARMA GMBH & CO. KGAA
(21) 11201705020V	(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.
(21) 11201705041W	(71) NBE-THERAPEUTICS AG
(21) 11201705054W	(71) THE LUBRIZOL CORPORATION
(21) 11201705066Q	(71) LUMUS LTD.
(21) 11201705074U	(71) LION CORPORATION
(21) 11201705112U	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 11201705114Y	(71) FIRMENICH SA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705116S	(71) IGM Biosciences, Inc.
(21) 11201705128V	(71) CONSIGLIO NAZIONALE DELLE RICERCHE; ISTITUTO NAZIONALE ASSICURAZIONE CONTRO GLI INFORTUNI SUL LAVORO
(21) 11201705132T	(71) Advanced New Technologies Co., Ltd.
(21) 11201705141V	(71) ADERANS COMPANY LIMITED; KAWAKITA INC.
(21) 11201705142W	(71) FISHLER, Yehoshua
(21) 11201705155S	(71) CAMURUS AB
(21) 11201705175R	(71) FERRING B.V.
(21) 11201705185T	(71) PARADOX ENGINEERING SA; SUPSI (SCUOLA UNIVERSITARIA PROFESSIONALE DELLA SVIZZERA ITALIANA)
(21) 11201705235U	(71) HYDROXSYS HOLDINGS LIMITED
(21) 11201705287W	(71) EDWARDS LIMITED
(21) 11201705306U	(71) FERRING B.V.
(21) 11201705324U	(71) UNIVERSITY OF WASHINGTON
(21) 11201705334W	(71) BASF SE
(21) 11201705341T	(71) VOESTALPINE TUBULARS GMBH & CO KG
(21) 11201705343X	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705353U	(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
(21) 11201705362Y	(71) MURATA MANUFACTURING CO., LTD.
(21) 11201705407P	(71) KONINKLIJKE DOUWE EGBERTS B.V.
(21) 11201705411S	(71) BIOSEARCH TECHNOLOGIES, INC.
(21) 11201705417V	(71) FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.
(21) 11201705419R	(71) VERSUM MATERIALS US, LLC
(21) 11201705427W	(71) KONINKLIJKE DOUWE EGBERTS B.V.
(21) 11201705450S	(71) WAGENINGEN UNIVERSITEIT
(21) 11201705458X	(71) KLA-TENCOR CORPORATION
(21) 11201705464P	(71) KOSS CORPORATION
(21) 11201705465T	(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY
(21) 11201705475Q	(71) MOMENTA PHARMACEUTICALS, INC.
(21) 11201705482V	(71) DIPTERATECH
(21) 11201705483Y	(71) APPLE INC.
(21) 11201705487Q	(71) Merck Patent GmbH
(21) 11201705488S	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201705496S	(71) GENMAB A/S

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705498R	(71) ADERANS COMPANY LIMITED
(21) 11201705502U	(71) NOV-BLM
(21) 11201705511X	(71) B+M TEXTIL GMBH & CO. KG; WEISEL, Niklas Andreas Wilm
(21) 11201705526R	(71) ACACIA COMMUNICATIONS, INC.
(21) 11201705527P	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 11201705528Q	(71) ACACIA COMMUNICATIONS, INC.
(21) 11201705552Q	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201705555Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201705563Q	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 11201705576Y	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201705591P	(71) TONIX PHARMACEUTICALS HOLDING CORP.
(21) 11201705594Q	(71) MICRON TECHNOLOGY, INC.
(21) 11201705600U	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201705602V	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201705603Y	(71) ELI LILLY AND COMPANY
(21) 11201705607Q	(71) UNIVATION TECHNOLOGIES, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705609T	(71) TORAY INDUSTRIES, INC.
(21) 11201705615U	(71) 10X GENOMICS, INC.
(21) 11201705626Q	(71) GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED; UNIVERSITY OF DUNDEE
(21) 11201705627S	(71) TORAY INDUSTRIES, INC.
(21) 11201705628U	(71) ONO PHARMACEUTICAL CO., LTD.
(21) 11201705648T	(71) AZ Electronic Materials S. r.l.;INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201705670R	(71) JFD LIMITED
(21) 11201705681Y	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201705689W	(71) KINGSPAN HOLDINGS (IRL) LIMITED
(21) 11201705692S	(71) JUNO THERAPEUTICS, INC.
(21) 11201705699U	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201705706V	(71) APPLIED MATERIALS, INC.
(21) 11201705711Q	(71) DEXERIALS CORPORATION
(21) 11201705727T	(71) UCB BIOPHARMA SPRL
(21) 11201705734V	(71) BECTON, DICKINSON AND COMPANY
(21) 11201705740U	(71) GLAXOSMITHKLINE BIOLOGICALS SA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705749T	(71) IMERTECH SAS
(21) 11201705750W	(71) OSAKA UNIVERSITY
(21) 11201705755U	(71) SANOFI-AVENTIS DEUTSCHLAND GMBH
(21) 11201705767P	(71) KYOTO UNIVERSITY
(21) 11201705781S	(71) CARBON, INC.
(21) 11201705788T	(71) Caribou Biosciences, Inc.
(21) 11201705798X	(71) BECTON, DICKINSON AND COMPANY
(21) 11201705803T	(71) TERADYNE, INC.
(21) 11201705813X	(71) Huawei Technologies Co., Ltd.
(21) 11201705814V	(71) KIM, Sung, Chul
(21) 11201705815Q	(71) THALES
(21) 11201705824W	(71) ZEON CORPORATION
(21) 11201705853V	(71) FUJIFILM CORPORATION
(21) 11201705859Y	(71) WATER MANAGER S. R.L
(21) 11201705866X	(71) UBE CORPORATION
(21) 11201705873R	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201705904Q	(71) 3M INNOVATIVE PROPERTIES COMPANY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705905U	(71) NITTO DENKO CORPORATION
(21) 11201705908V	(71) Bayer Pharma Aktiengesellschaft
(21) 11201705928X	(71) MYOKARDIA, INC.
(21) 11201705934U	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11201705943Q	(71) KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(21) 11201705944T	(71) JANSSEN PHARMACEUTICA NV
(21) 11201705952S	(71) BEYONDBIO INC.
(21) 11201705967T	(71) SUMITOMO BAKELITE CO., LTD.
(21) 11201705978W	(71) Advanced New Technologies Co., Ltd.
(21) 11201706000R	(71) ARKEMA FRANCE
(21) 11201706009P	(71) UBE CORPORATION
(21) 11201706021W	(71) APPLIED MATERIALS, INC.
(21) 11201706036W	(71) Advanced New Technologies Co., Ltd.
(21) 11201706040U	(71) BESTLINE INTERNATIONAL RESEARCH, INC.; SLOAN, Ronald, J.
(21) 11201706066R	(71) UBE CORPORATION
(21) 11201706073V	(71) SPRAYING SYSTEMS CO.
(21) 11201706078U	(71) TOTO LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201706088T	(71) CANON KABUSHIKI KAISHA
(21) 11201706111V	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201706114R	(71) UBE CORPORATION; UNIVERSITY OF TSUKUBA
(21) 11201706119Q	(71) KANEKA CORPORATION; THE UNIVERSITY OF TOKYO
(21) 11201706124V	(71) PROTHENA BIOSCIENCES LIMITED; UNIVERSITY HEALTH NETWORK
(21) 11201706125Q	(71) PROTHENA BIOSCIENCES LIMITED; UNIVERSITY HEALTH NETWORK
(21) 11201706130W	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201706154Y	(71) SHIMIZU CORPORATION
(21) 11201706172T	(71) UCC UESHIMA COFFEE CO., LTD.
(21) 11201706198T	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201706203Y	(71) VIOL CO., LTD.
(21) 11201706238R	(71) CHUGOKU MARINE PAINTS, LTD.
(21) 11201706241S	(71) SIEMENS AKTIENGESELLSCHAFT
(21) 11201706247V	(71) MERZ PHARMA GMBH & CO. KGAA
(21) 11201706254P	(71) Advanced New Technologies Co., Ltd.
(21) 11201706256U	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201706257Y	(71) VERSUM MATERIALS US, LLC
(21) 11201706281Y	(71) BEYONDSRING PHARMACEUTICALS, INC.
(21) 11201706290Y	(71) Advanced New Technologies Co., Ltd.
(21) 11201706313Y	(71) AFT PHARMACEUTICALS LIMITED
(21) 11201706317Q	(71) Merck Patent GmbH
(21) 11201706345W	(71) Advanced New Technologies Co., Ltd.
(21) 11201706346Q	(71) Hansa Biopharma AB
(21) 11201706349Y	(71) Hansa Biopharma AB
(21) 11201706353W	(71) BEIJING PEKING UNIVERSITY WBL BIOTECH CO., LTD.
(21) 11201706415V	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201706456W	(71) JT CORPORATION
(21) 11201706461W	(71) MICRO MOTION, INC.
(21) 11201706462U	(71) MICRO MOTION, INC.
(21) 11201706491X	(71) ORGANO CORPORATION
(21) 11201706507U	(71) FUJI OIL HOLDINGS INC.
(21) 11201706572Y	(71) MICRON TECHNOLOGY, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201706627V	(71) SAUDI ARABIAN OIL COMPANY
(21) 11201706653U	(71) DAIKIN INDUSTRIES, LTD.
(21) 11201706726T	(71) EMD MILLIPORE CORPORATION
(21) 11201706770U	(71) Advanced New Technologies Co., Ltd.
(21) 11201706857U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201706884W	(71) FUJIKIN INCORPORATED
(21) 11201706913Q	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
(21) 11201706916V	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201706919P	(71) GRANT PRIDECO, INC.
(21) 11201706922R	(71) KURARAY CO., LTD.
(21) 11201706928W	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201706941W	(71) FMC TECHNOLOGIES, INC.
(21) 11201706953Y	(71) DECISION SCIENCES MEDICAL COMPANY, LLC
(21) 11201707005R	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201707022P	(71) JTB CORP.
(21) 11201707032U	(71) Advanced New Technologies Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201707042Q	(71) Advanced New Technologies Co., Ltd.
(21) 11201707139T	(71) HARMOTEC CO., LTD.
(21) 11201707612Q	(71) CJ CHEILJEDANG CORPORATION
(21) 11201707871V	(71) DOOSAN HEAVY INDUSTRIES CONSTRUCTION CO., LTD.
(21) 11201708042W	(71) NANJING TECH UNIVERSITY
(21) 11201708466V	(71) EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG
(21) 11201708644W	(71) SENVEX
(21) 11201708865P	(71) CANON ANELVA CORPORATION
(21) 11201710665T	(71) CJ CHEILJEDANG CORPORATION
(21) 11201710703R	(71) SAMSUNG HEAVY INDUSTRIES CO., LTD.
(21) 11201800324R	(71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY; GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD.
(21) 11201802318Y	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201802409V	(71) SEVEN SONS LTD.
(21) 11201802479Q	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201803413Q	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201804419U	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201804479S	(71) SAMSUNG HEAVY INDUSTRIES CO., LTD.
(21) 11201804748P	(71) FMC TECHNOLOGIES, INC.
(21) 11201805152U	(71) GOOGLE LLC
(21) 11201805153P	(71) AIPHONE CO., LTD.
(21) 11201805164W	(71) GOOGLE LLC
(21) 11201805489Y	(71) HUAWEI TECHNOLOGIES CO., LTD.; NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201805599X	(71) MICRO MOTION, INC.
(21) 11201805618U	(71) DEVELOPMENT CENTER FOR BIOTECHNOLOGY
(21) 11201805697W	(71) BIOLIDICS LIMITED
(21) 11201805842Y	(71) MICRO MOTION, INC.
(21) 11201806021Q	(71) SUNTORY HOLDINGS LIMITED
(21) 11201806235U	(71) FUJI CORPORATION
(21) 11201806237X	(71) FUJI CORPORATION
(21) 11201806262V	(71) CAPCON LIMITED
(21) 11201806292Q	(71) BORYUNG PHARMACEUTICAL CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201806334W	(71) CERTIS CISCO SECURITY PTE LTD
(21) 11201806399P	(71) MICRO MOTION, INC.
(21) 11201806621R	(71) FUJI CORPORATION
(21) 11201807159T	(71) JAPAN TRANSPORT ENGINEERING COMPANY
10th Year	
(21) 10201408030T	(71) Tata Consultancy Services Limited
(21) 10201408507W	(71) B. BRAUN MELSUNGEN AG
(21) 10201408647W	(71) THE BOEING COMPANY
(21) 10201408676U	(71) LOH YIN SZE
(21) 10201408735X	(71) Lam Research Corporation
(21) 10201408801Q	(71) Lam Research Corporation
(21) 10201500011Q	(71) DAIFUKU CO., LTD.
(21) 10201500019X	(71) INFINEUM INTERNATIONAL LIMITED
(21) 10201500100T	(71) EBARA CORPORATION
(21) 10201500144P	(71) MULTITEST ELEKTRONISCHE SYSTEME GMBH
(21) 10201500231W	(71) TE CONNECTIVITY CORPORATION
(21) 10201500240P	(71) TE CONNECTIVITY CORPORATION
(21) 10201500333S	(71) JX NIPPON MINING & METALS CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201500357V	(71) HSU, KO-MING
(21) 10201500360R	(71) EBARA CORPORATION
(21) 10201500361U	(71) EBARA CORPORATION
(21) 10201500455Q	(71) EBARA CORPORATION
(21) 10201500478W	(71) CANON KABUSHIKI KAISHA
(21) 10201500491X	(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC.
(21) 10201500516W	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 10201500647R	(71) DISCO CORPORATION
(21) 10201500733U	(71) DAIFUKU CO., LTD.
(21) 10201500906W	(71) TRUSVAL TECHNOLOGY CO., LTD.
(21) 10201500908P	(71) TRUSVAL TECHNOLOGY CO., LTD.
(21) 10201501070U	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201501105U	(71) APPLE INC.
(21) 10201501126Y	(71) EMD MILLIPORE CORPORATION
(21) 10201501196P	(71) LightHaus Photonics, Pte. Ltd.
(21) 10201501213W	(71) Versum Materials US, LLC
(21) 10201501246T	(71) MASTERCARD ASIA/PACIFIC PTE. LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201502080S	(71) Sunningdale Tech Ltd
(21) 10201602690R	(71) Towa Corporation
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609242R	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinützige GmbH
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201701056Q	(71) AstraZeneca AB
(21) 10201701980P	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201702179R	(71) Rearden, LLC
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201705470Y	(71) Otsuka Medical Devices Co., Ltd.
(21) 10201706473S	(71) GOOGLE LLC
(21) 10201706475T	(71) GOOGLE LLC
(21) 10201706683T	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201707529X	(71) DEB IP LIMITED
(21) 10201707547T	(71) ALKERMES PHARMA IRELAND LIMITED
(21) 10201708542R	(71) GENENTECH, INC.
(21) 10201709279R	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201709281P	(71) Panasonic Intellectual Property Management Co., Ltd.
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201710927R	(71) UNIVATION TECHNOLOGIES, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201710935U	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800002W	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800006Y	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800007U	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800008X	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800009Q	(71) UNIVATION TECHNOLOGIES, LLC
(21) 10201800179U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10201800760U	(71) BECTON, DICKINSON AND COMPANY
(21) 10201801008S	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10201801579R	(71) ANGEL PLAYING CARDS CO., LTD.
(21) 10201802877W	(71) HEALIOS K.K.; RIKEN; OSAKA UNIVERSITY
(21) 10201804276U	(71) Pacific Edge Limited
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201805660W	(71) CureVac Manufacturing GmbH
(21) 10201805881X	(71) Nautilus TRUE, LLC.
(21) 10201805892U	(71) Nautilus TRUE, LLC.
(21) 10201806921V	(71) HALLIBURTON ENERGY SERVICES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201809318T	(71) ANGEL PLAYING CARDS CO., LTD.
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201900985P	(71) BECTON, DICKINSON AND COMPANY
(21) 10201907035T	(71) FUJIFILM Toyama Chemical Co., Ltd.
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202013187P	(71) Galapagos NV
(21) 11201504928X	(71) Novo Nordisk A/S
(21) 11201505638V	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 11201505725V	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 11201506563T	(71) TOYO INK SC HOLDINGS CO., LTD.; TOYOCOLOR CO., LTD.
(21) 11201508763S	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201508887S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201510029U	(71) VELA OPERATIONS SINGAPORE PTE. LTD.
(21) 11201600706P	(71) SUPREMOL GMBH
(21) 11201600802R	(71) FUJI ELECTRIC CO., LTD.
(21) 11201601334Q	(71) FUJI ELECTRIC CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201601392Q	(71) FUJI ELECTRIC CO., LTD.
(21) 11201601441W	(71) NIPPON ZETTOC CO., LTD.
(21) 11201601619V	(71) FUJI ELECTRIC CO., LTD.
(21) 11201602110S	(71) LAC CO., LTD.
(21) 11201602112W	(71) LAC CO., LTD.
(21) 11201602510Y	(71) BOREALIS AG; ABU DHABI POLYMERS COMPANY LIMITED (BOROUGE)
(21) 11201602550T	(71) ABU DHABI POLYMERS COMPANY LIMITED (BOROUGE); BOREALIS AG
(21) 11201602691U	(71) FUJI ELECTRIC CO., LTD.
(21) 11201603097Y	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201603144Q	(71) CUREVAC AG
(21) 11201603148V	(71) EV GROUP E. THALLNER GmbH
(21) 11201603257P	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201603545Y	(71) BIOATLA, LLC
(21) 11201603814T	(71) ALMAC DISCOVERY LIMITED
(21) 11201603960X	(71) DAIICHI SANKYO COMPANY, LIMITED
(21) 11201604030Q	(71) HUAWEI TECHNOLOGIES CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201604266W	(71) BOREALIS AG
(21) 11201604289X	(71) CLAUSSEN, Stefan
(21) 11201604364U	(71) AB INITIO TECHNOLOGY LLC
(21) 11201604382U	(71) MESSNER, William
(21) 11201604438P	(71) THE UNIVERSITY OF MELBOURNE
(21) 11201604447Q	(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY
(21) 11201604449T	(71) ITEA S.P.A.
(21) 11201604484U	(71) EISAI R&D MANAGEMENT CO., LTD.
(21) 11201604490S	(71) KAZIA THERAPEUTICS LIMITED
(21) 11201604495P	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201604496Y	(71) EISAI R&D MANAGEMENT CO., LTD.; PRISM PHARMA CO., LTD.
(21) 11201604578T	(71) NISSHIN STEEL CO., LTD.
(21) 11201604604S	(71) MAB Explorations Sdn Bhd
(21) 11201604627W	(71) ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C.; BOREALIS AG
(21) 11201604701P	(71) BASF SOUTH EAST ASIA PTE. LTD.
(21) 11201604702Y	(71) METABOLON, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201604724R	(71) BAGGERWERKEN DECLOEDT EN ZOON
(21) 11201604771Q	(71) PRAXAIR S.T. TECHNOLOGY, INC.
(21) 11201604773S	(71) M87, INC.
(21) 11201604775T	(71) REN FUEL K2B AB
(21) 11201604795R	(71) ASTEX THERAPEUTICS LIMITED
(21) 11201604805X	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; TOKITAE LLC
(21) 11201604813Y	(71) FMC Corporation
(21) 11201604831Q	(71) NEURIMMUNE HOLDING AG
(21) 11201604837Y	(71) NANOVAL GMBH & CO. KG
(21) 11201604839X	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201604871V	(71) Commonwealth Scientific and Industrial Research Organisation; Nuseed Nutritional Australia Pty Ltd; GRAINS RESEARCH AND DEVELOPMENT CORPORATION
(21) 11201604885Q	(71) PRAXAIR S.T. TECHNOLOGY, INC.
(21) 11201604894Q	(71) VERSALIS S.P.A.
(21) 11201604907S	(71) BERKELEY LIGHTS, INC.
(21) 11201604908U	(71) CHIESI FARMACEUTICI S.P.A.
(21) 11201604916Y	(71) ORION CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201604921T	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 11201604923X	(71) GUARDANT HEALTH, INC.
(21) 11201604924V	(71) TATA COMMUNICATIONS (AMERICA) INC.
(21) 11201604927R	(71) ARES TRADING S.A
(21) 11201604963Y	(71) APTAR RADOLFZELL GMBH
(21) 11201604964W	(71) APTAR RADOLFZELL GMBH
(21) 11201604969T	(71) ELBEX VIDEO LTD.
(21) 11201604971Y	(71) Mitsubishi Chemical Corporation
(21) 11201604972T	(71) ARES TRADING S.A
(21) 11201604989P	(71) REGO VEHICLES LTD.
(21) 11201604991S	(71) REGO VEHICLES LTD.
(21) 11201604996X	(71) TEMASEK LIFE SCIENCES LABORATORY LIMITED
(21) 11201605011W	(71) AKER ARCTIC TECHNOLOGY INC.
(21) 11201605073Y	(71) GOOGLE LLC
(21) 11201605084P	(71) LIFE TECHNOLOGIES CORPORATION
(21) 11201605123T	(71) GOODE, Steven
(21) 11201605126Y	(71) Kling Biotherapeutics B.V.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605167T	(71) FRANCK, Jan
(21) 11201605200X	(71) JANSSEN PHARMACEUTICAL NV
(21) 11201605201Y	(71) AG INC.
(21) 11201605203U	(71) ARGENX BVBA; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
(21) 11201605256Y	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 11201605259Q	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201605272S	(71) NOVARTIS AG
(21) 11201605280U	(71) CANON KABUSHIKI KAISHA
(21) 11201605285R	(71) SHOALHAVEN STARCHES PTY LTD
(21) 11201605300Y	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201605309U	(71) CHIESI FARMACEUTICI S.P.A.
(21) 11201605311U	(71) CHIESI FARMACEUTICI S.P.A.
(21) 11201605316V	(71) CURELAB ONCOLOGY, INC.; VENANZI, Franco; CONCETTI, Antonio; SABBieti, Maria Giovanna; AGAS, Dimitrios; GABAI, Vladimir; SHIFRIN, Victor; SHERMAN, Michael; SHNEIDER, Alexander
(21) 11201605339Q	(71) ASTRAZENECA AB
(21) 11201605344Y	(71) ATRECA, INC.
(21) 11201605366Q	(71) SANTEN PHARMACEUTICAL CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605372Q	(71) ADAMA MAKHTESHIM LTD.
(21) 11201605373W	(71) ASAHI KASEI KABUSHIKI KAISHA
(21) 11201605393U	(71) ABU DHABI POLYMERS COMPANY LIMITED (BOROUGE) LLC.; BOREALIS AG
(21) 11201605422T	(71) SAGIMET BIOSCIENCES INC.
(21) 11201605427P	(71) EMERALD KALAMA CHEMICAL, LLC
(21) 11201605440T	(71) IMMUNOVATIVE THERAPIES, LTD.
(21) 11201605451S	(71) MURATA MACHINERY, LTD.
(21) 11201605453W	(71) MURATA MACHINERY, LTD.
(21) 11201605465S	(71) LINTEC CORPORATION
(21) 11201605469P	(71) BREWER SCIENCE INC.
(21) 11201605482S	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201605494Q	(71) Samsung Electronics Co., Ltd.
(21) 11201605499S	(71) GOOGLE LLC
(21) 11201605502P	(71) OPENTV, INC.
(21) 11201605503V	(71) GOOGLE LLC
(21) 11201605522S	(71) THE LUBRIZOL CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605532Y	(71) SANTEN PHARMACEUTICAL CO., LTD.
(21) 11201605533R	(71) THE LUBRIZOL CORPORATION
(21) 11201605540V	(71) BAYER HEALTHCARE LLC
(21) 11201605542R	(71) ENKRIS SEMICONDUCTOR, INC.
(21) 11201605546U	(71) B. BRAUN MELSUNGEN AG
(21) 11201605560U	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(21) 11201605562V	(71) NETRIS PHARMA
(21) 11201605566P	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP
(21) 11201605567Q	(71) YU, Freeman Zhenhua
(21) 11201605576R	(71) PRIVITI PTE. LTD.
(21) 11201605584T	(71) NOVOMATIC AG
(21) 11201605585S	(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(21) 11201605597V	(71) Byondis B.V.; YALE UNIVERSITY
(21) 11201605602X	(71) Byondis B.V.
(21) 11201605605S	(71) Byondis B.V.
(21) 11201605614P	(71) ASAHI KASEI KABUSHIKI KAISHA
(21) 11201605625X	(71) GENZYME CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605626S	(71) GENZYME CORPORATION
(21) 11201605627T	(71) NOVARTIS AG; DANA-FARBER CANCER INSTITUTE, INC.; CHILDREN'S MEDICAL CENTER CORPORATION
(21) 11201605634V	(71) CMC Materials LLC
(21) 11201605641X	(71) NOVOMATIC AG
(21) 11201605642V	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201605653R	(71) SANTEN PHARMACEUTICAL CO., LTD.
(21) 11201605673V	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 11201605692W	(71) SONY CORPORATION
(21) 11201605694R	(71) TLV CO.,LTD.
(21) 11201605702W	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201605709Q	(71) CGG SERVICES SA
(21) 11201605717R	(71) KEIO UNIVERSITY; KABUSHIKI KAISHA TOP
(21) 11201605742T	(71) JANSSEN PHARMACEUTICA NV
(21) 11201605764U	(71) REFORM ENERGY SERVICES CORP.
(21) 11201605779S	(71) BECTON, DICKINSON AND COMPANY
(21) 11201605783P	(71) BECTON, DICKINSON AND COMPANY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605793S	(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 11201605815U	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 11201605822P	(71) INDUSTRIE BORLA S.P.A.
(21) 11201605835X	(71) TYCO ELECTRONICS (SHANGHAI) CO. LTD.
(21) 11201605836S	(71) TREK, INC.
(21) 11201605844U	(71) MICROSOFT TECHNOLOGY LICENSING, LLC
(21) 11201605847V	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201605856U	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201605866Y	(71) CRYSTALGENOMICS, INC.
(21) 11201605890Y	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201605908W	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201605911R	(71) F. HOFFMANN-LA ROCHE AG
(21) 11201605916Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 11201605929R	(71) TURNING POINT THERAPEUTICS, INC.
(21) 11201605934W	(71) MBDA FRANCE
(21) 11201605946W	(71) CAMERON TECHNOLOGIES LIMITED
(21) 11201605949U	(71) ARCHER DANIELS MIDLAND COMPANY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605993Q	(71) EIFFAGE INFRASTRUCTURES
(21) 11201606003S	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201606004P	(71) APPLIED MATERIALS, INC.
(21) 11201606038S	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201606052T	(71) ASTRAZENECA AB
(21) 11201606054S	(71) SIGNAL PHARMACEUTICALS, LLC
(21) 11201606055V	(71) Grant Prideco, Inc.
(21) 11201606092X	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201606095S	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201606096V	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201606097W	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201606098Y	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201606101W	(71) GENZYME CORPORATION
(21) 11201606108R	(71) UCB BIOPHARMA SPRL
(21) 11201606138W	(71) CARRIER CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201606153W	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 11201606154U	(71) BECTON, DICKINSON AND COMPANY
(21) 11201606160R	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201606169P	(71) ARCHER-DANIELS-MIDLAND COMPANY
(21) 11201606207W	(71) ASML NETHERLANDS B.V.
(21) 11201606209P	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 11201606219X	(71) GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201606231T	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201606255U	(71) GAZTRANSPORT ET TECHNIGAZ
(21) 11201606262T	(71) HITACHI, LTD.
(21) 11201606291V	(71) GENZYME CORPORATION
(21) 11201606296Y	(71) MEDIFIRST CO., LTD.
(21) 11201606349S	(71) KURARAY CO., LTD.
(21) 11201606351V	(71) QUADRIGA BIOSCIENCES, INC.
(21) 11201606361Q	(71) APPLIED MATERIALS, INC.
(21) 11201606368W	(71) RIBOSCIENCE LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201606371T	(71) LG HOUSEHOLD & HEALTH CARE LTD.
(21) 11201606375Q	(71) TOKYO ELECTRON LIMITED
(21) 11201606379U	(71) DEAKIN UNIVERSITY
(21) 11201606402V	(71) CAMERON TECHNOLOGIES LIMITED
(21) 11201606494V	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201606512T	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 11201606532Q	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606534U	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606535Y	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606537V	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606539R	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606564Y	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606571Q	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606575T	(71) UNIVATION TECHNOLOGIES, LLC
(21) 11201606577Y	(71) MERCK PATENT GMBH
(21) 11201606589Y	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201606592V	(71) UNIVATION TECHNOLOGIES, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201606624W	(71) VISTERRA, INC.
(21) 11201606648Q	(71) NISSAN CHEMICAL INDUSTRIES, LTD.
(21) 11201606703X	(71) LUMMUS TECHNOLOGY INC.
(21) 11201606735P	(71) FORCED PHYSICS LLC
(21) 11201606778T	(71) LIFE TECHNOLOGIES CORPORATION
(21) 11201606781P	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11201606786T	(71) DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY
(21) 11201606814R	(71) VAXART, INC.
(21) 11201606829U	(71) DEB IP LIMITED
(21) 11201606836T	(71) MITRAL VALVE TECHNOLOGIES SARL
(21) 11201606863Y	(71) ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA
(21) 11201606914Y	(71) EINNOVATIONS HOLDINGS PTE. LTD.
(21) 11201606922Y	(71) ECOLAB USA INC.
(21) 11201606923R	(71) TEL EPION INC.
(21) 11201606924Q	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11201606926T	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 11201606945P	(71) SHIN-ETSU HANDOTAI CO.,LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201607039R	(71) ECOLAB USA INC.
(21) 11201607043Q	(71) CANADA PIPELINE ACCESSORIES, CO. LTD.
(21) 11201607059U	(71) UNIVERSAL ROBOTS A/S
(21) 11201607099T	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201607107U	(71) DECISION SCIENCES INTERNATIONAL CORPORATION
(21) 11201607255R	(71) ILLINOIS TOOL WORKS INC.
(21) 11201607267S	(71) BIOCRYST PHARMACEUTICALS, INC.
(21) 11201607287X	(71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; PROFECTUS BIOSCIENCES, INC.
(21) 11201607405T	(71) KURARAY CO., LTD.
(21) 11201607432V	(71) ELBEX VIDEO LTD.
(21) 11201607456R	(71) HANMI PHARM. CO., LTD.
(21) 11201607553Q	(71) FUJIMI INCORPORATED
(21) 11201607593V	(71) KOWA COMPANY, LTD.
(21) 11201607629U	(71) MICRON TECHNOLOGY, INC.
(21) 11201607654Y	(71) SONY CORPORATION
(21) 11201608089P	(71) NITTO BOSEKI CO., LTD.; NITTO GLASSTEX CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201608609U	(71) MITSUI MINING & SMELTING CO., LTD.
(21) 11201609526R	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201609825R	(71) BECTON, DICKINSON AND COMPANY
(21) 11201609827Q	(71) BECTON, DICKINSON AND COMPANY
(21) 11201610064Q	(71) UNICHARM CORPORATION
(21) 11201610141R	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201610440P	(71) TONGTAI MACHINE & TOOL CO., LTD.
(21) 11201700102U	(71) SEKISUI SEIKEI, LTD.
(21) 11201701010Y	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 11201701744P	(71) KIM, Tae Wha
(21) 11201702106W	(71) FURUKAWA ELECTRIC CO.,LTD.
(21) 11201702141W	(71) KABUSHIKI KAISHA TOSHIBA
(21) 11201702146S	(71) FURUKAWA ELECTRIC CO.,LTD.
(21) 11201702514P	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201703278W	(71) ST Engineering Aerospace Ltd.
(21) 11201704027P	(71) INTEL CORPORATION
(21) 11201704104T	(71) GUANGZHOU HUADUO NETWORK TECHNOLOGY CO., LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201704119X	(71) GUANGZHOU HUADUO NETWORK TECHNOLOGY CO., LTD.
(21) 11201704190S	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201704468U	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201704551Y	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201704557P	(71) EV GROUP E. THALLNER GMBH
(21) 11201704600P	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201705036Y	(71) IDEMIA Identity & Security France
(21) 11201705047T	(71) HONG KONG R&D CENTRE FOR LOGISTICS AND SUPPLY CHAIN MANAGEMENT ENABLING TECHNOLOGIES LIMITED
(21) 11201705224V	(71) INTERAXON INC.
(21) 11201705296X	(71) NITTO DENKO CORPORATION
(21) 11201705426V	(71) T&W Engineering A/S
(21) 11201705545W	(71) JSP CORPORATION
(21) 11201705547S	(71) TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
(21) 11201705569P	(71) KOKUSAI ELECTRIC CORPORATION
(21) 11201705773V	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201705774X	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 11201705775W	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 11201705835S	(71) SUNTORY HOLDINGS LIMITED
(21) 11201705938T	(71) MOCHIDA PHARMACEUTICAL CO., LTD.
(21) 11201706080P	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201706705Y	(71) ERBER AKTIENGESELLSCHAFT
(21) 11201706819R	(71) MacKay Memorial Hospital
(21) 11201707603U	(71) HENG, Kian Yong
11th Year	
(21) 10201400154X	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 10201400304W	(71) Toshiba Elevator Kabushiki Kaisha
(21) 10201400510Q	(71) CHUA BOON PEN
(21) 10201507025Q	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201507028P	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201507029U	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201507030W	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201604188X	(71) CAMURUS AB

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604643R	(71) Dolby Laboratories Licensing Corporation
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201604835T	(71) HAMAMATSU PHOTONICS K.K.
(21) 10201604882S	(71) Lam Research Corporation
(21) 10201605287Q	(71) Agency for Science, Technology and Research
(21) 10201605575V	(71) Advanced Assembly Materials International Limited
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201606911W	(71) DENTSPLY INTERNATIONAL, INC.
(21) 10201607080T	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608684Q	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201608887Y	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201609510U	(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeintzige GmbH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201610094T	(71) HOYA CORPORATION
(21) 10201610543Q	(71) Z-Modular Holding, Inc.
(21) 10201610654X	(71) INNOVATIVE BIODEFENSE, INC.
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201702003U	(71) PATCO, LLC
(21) 10201702125T	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201702163V	(71) Huawei Device Co., Ltd.
(21) 10201702179R	(71) Rearden, LLC
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201703360X	(71) IFP ENERGIES NOUVELLES
(21) 10201703484Y	(71) Chiesi Farmaceutici S.P.A.
(21) 10201704408P	(71) Elta Systems Ltd.
(21) 10201705087X	(71) IFP ENERGIES NOUVELLES
(21) 10201705203V	(71) NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD
(21) 10201705568Y	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201705876T	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201706063U	(71) WASHINGTON UNIVERSITY; SAGE THERAPEUTICS, INC.
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201709631P	(71) DOLBY INTERNATIONAL AB
(21) 10201709897U	(71) MAXEON SOLAR PTE. LTD.
(21) 10201710593U	(71) Coagulant Therapeutics Corporation
(21) 10201800512Y	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201800584S	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201800970T	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 10201801047V	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201801048T	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201801051Q	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201801054P	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201803207U	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201803404V	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201900150Y	(71) HOLOGIC, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201905798Q	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 11201401108S	(71) NEC CORPORATION
(21) 11201403435X	(71) Evonik Operations GmbH
(21) 11201406616U	(71) HOYA CORPORATION
(21) 11201408723V	(71) TECAN TRADING AG
(21) 11201501365W	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201501701V	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201501704R	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 11201502405R	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 11201502707R	(71) Amadeus S.A.S.
(21) 11201502709U	(71) Amadeus S.A.S.
(21) 11201502710R	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201503339P	(71) BIOMAX HOLDINGS PTE LTD
(21) 11201503564X	(71) OCEANEERING INTERNATIONAL, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201503676W	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201503781R	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201503792V	(71) JX NIPPON OIL & ENERGY CORPORATION
(21) 11201503866V	(71) MAECHLER, Philip
(21) 11201504095V	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 11201504110Q	(71) NOKIA SOLUTIONS AND NETWORKS OY
(21) 11201504309X	(71) SOHO FLORDIS INTERNATIONAL PTY LTD
(21) 11201504358Q	(71) EMD MILLIPORE CORPORATION
(21) 11201504388X	(71) One BioMed Pte Ltd.
(21) 11201504389Q	(71) AFT PHARMACEUTICALS LIMITED
(21) 11201504458X	(71) CADILA HEALTHCARE LIMITED
(21) 11201504618V	(71) CHUGOKU MARINE PAINTS, LTD.
(21) 11201504622P	(71) TEMPEST THERAPEUTICS, INC.
(21) 11201504640P	(71) FUCHS PETROLUB SE
(21) 11201504705S	(71) DOLBY INTERNATIONAL AB
(21) 11201504710V	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 11201504744W	(71) CESA ALLIANCE S.A.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201504752Y	(71) CODEXIS, INC.
(21) 11201504754Q	(71) PLEXXIKON INC.
(21) 11201504762T	(71) PINKERTON, Luke; STECHER, Joseph, L.; NOVAK, Jeffrey
(21) 11201504793T	(71) SHINKAWA LTD.
(21) 11201504798X	(71) ECOLAB USA INC.
(21) 11201504802W	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201504810Y	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(21) 11201504847P	(71) OTO MELARA S.P.A.
(21) 11201504861S	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201504862Q	(71) OATLY AB
(21) 11201504866X	(71) MAX-PLANCK-GESELLSCHAFT ZUR FRDERUNG DER WISSENSCHAFTEN E.V.
(21) 11201504870W	(71) DENSO WAVE INCORPORATED
(21) 11201504872Y	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201504879S	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201504881W	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201504885X	(71) DEKA PRODUCTS LIMITED PARTNERSHIP

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201504888R	(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
(21) 11201504899X	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(21) 11201504911Y	(71) HIGH WIND N.V.
(21) 11201504928X	(71) Novo Nordisk A/S
(21) 11201504972R	(71) SANOFI
(21) 11201504986Q	(71) Coagulant Therapeutics Corporation
(21) 11201505024R	(71) Evonik Operations GmbH
(21) 11201505029Q	(71) JAZZ PHARMACEUTICALS, IRELAND LIMITED
(21) 11201505036X	(71) MEIJI CO., LTD.
(21) 11201505123Y	(71) FMC KONGSBERG SUBSEA AS
(21) 11201505153V	(71) ILLINOIS TOOL WORKS INC.
(21) 11201505163W	(71) MARINE GLOBAL HOLDING AS
(21) 11201505169R	(71) DENTSPLY INTERNATIONAL, INC.
(21) 11201505170W	(71) CENTRO DE INGENIERA GENTICA Y BIOTECNOLOGA
(21) 11201505171P	(71) TSINGHUA UNIVERSITY; BEIJING CENWAY BIO-ENERGY TECHNOLOGY CO., LTD.
(21) 11201505180Q	(71) CULLINAN HOLDINGS PTE LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201505181W	(71) FISHMAN CORPORATION
(21) 11201505221Q	(71) FMC KONGSBERG SUBSEA AS
(21) 11201505227Y	(71) SPHINGOTEC GMBH
(21) 11201505230S	(71) HANDI-CRAFT COMPANY
(21) 11201505233T	(71) LUMMUS TECHNOLOGY INC.
(21) 11201505237U	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 11201505239Q	(71) MEDECO SECURITY LOCKS, INC.
(21) 11201505263V	(71) Vlinge Innovation AB
(21) 11201505281P	(71) GENFIT
(21) 11201505291Y	(71) AVIAT NETWORKS, INC.
(21) 11201505296R	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 11201505314Q	(71) HANDOK KALOS MEDICAL INC.
(21) 11201505324X	(71) BAGGERWERKEN DECLOEDT EN ZOON
(21) 11201505342Q	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 11201505349R	(71) EDGEMONT PHARMACEUTICALS LLC
(21) 11201505421S	(71) HOYA CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201505438S	(71) FERNANDEZ DE CRDOBA SANZ, Fernando
(21) 11201505452T	(71) MJN U.S. Holdings LLC
(21) 11201505477T	(71) MOLECULAR INSIGHT PHARMACEUTICALS, INC.
(21) 11201505480S	(71) MJN U.S. HOLDINGS LLC
(21) 11201505512U	(71) MJN U.S. HOLDINGS LLC
(21) 11201505516S	(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA
(21) 11201505518R	(71) JFE STEEL CORPORATION
(21) 11201505567R	(71) CARDIOXYL PHARMACEUTICALS, INC.
(21) 11201505568P	(71) CARDIOXYL PHARMACEUTICALS, INC.
(21) 11201505594X	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 11201505615P	(71) HANMI PHARM. CO., LTD.
(21) 11201505618X	(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; ECOLE NORMALE SUPERIEURE; Sorbonne Universit
(21) 11201505638V	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(21) 11201505656S	(71) MEIJI SEIKA PHARMA CO., LTD.; NIPPON KAYAKU CO., LTD.
(21) 11201505661X	(71) Onto Innovation Inc.
(21) 11201505669T	(71) CREATIVE TECHNOLOGY CORPORATION
(21) 11201505725V	(71) MITSUBISHI HEAVY INDUSTRIES, LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201505748U	(71) FIBROGEN, INC.
(21) 11201505762X	(71) CSL LIMITED
(21) 11201505763Q	(71) Advantice Health AB
(21) 11201505800R	(71) HANMI PHARM. CO., LTD.
(21) 11201505833X	(71) HAMAMATSU PHOTONICS K.K.
(21) 11201505836W	(71) HAMAMATSU PHOTONICS K.K.
(21) 11201505907P	(71) ABRAHMSOHN, Glenn
(21) 11201505932P	(71) VERNACARE LIMITED
(21) 11201505955P	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP; HLAVINKA, Mark L.; YANG, Qing; BEAULIEU, William B.; DESLAURIERS, Paul J.
(21) 11201505962R	(71) LOOMIS SAYLES & COMPANY, L.P.
(21) 11201505971T	(71) CHEVRON PHILLIPS CHEMICAL COMPANY LP; YANG, Qing; MCDANIEL, Max P; DING, Errun; CYMBALUK, Ted H.; CRAIN, Tony R; GLASS, Gary L.
(21) 11201505985R	(71) GAZTRANSPORT ET TECHNIGAZ
(21) 11201506021X	(71) GILEAD PHARMASSET LLC
(21) 11201506095T	(71) HANMI PHARM. CO., LTD.
(21) 11201506126V	(71) DIZMO AG

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201506129P	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 11201506140W	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201506166U	(71) MURATA MACHINERY, LTD.
(21) 11201506228T	(71) ENKRIS SEMICONDUCTOR, INC.
(21) 11201506260W	(71) BAKER HUGHES INCORPORATED
(21) 11201506274Y	(71) KEYCAFE INC.
(21) 11201506284R	(71) RENEURON LIMITED
(21) 11201506315V	(71) ECONCRETE TECH LTD.
(21) 11201506320S	(71) EDWARDS LIFESCIENCES CORPORATION
(21) 11201506383V	(71) LIMFLOW GMBH
(21) 11201506404U	(71) UTA Corporation
(21) 11201506426T	(71) TANAKA KIKINZOKU KOGYO K.K.
(21) 11201506504W	(71) Z-Modular Holding, Inc.
(21) 11201506573Q	(71) CMP PRODUCTS LIMITED
(21) 11201506623U	(71) VAN ROMPAY, BOUDEWIJN, GABRIEL
(21) 11201506659R	(71) Advanpack Solutions Pte Ltd
(21) 11201506710S	(71) UCC UESHIMA COFFEE CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201506929V	(71) GILEAD SCIENCES, INC.
(21) 11201506937R	(71) HANMI PHARM. CO., LTD.
(21) 11201507005W	(71) MKS INSTRUMENTS, INC.
(21) 11201507154P	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201507166Y	(71) CPG TECHNOLOGIES, LLC.
(21) 11201507305S	(71) BORYUNG PHARMACEUTICAL CO., LTD.
(21) 11201507509W	(71) MUSTANG SAMPLING, LLC
(21) 11201507517V	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 11201507544Q	(71) LUMMUS TECHNOLOGY INC.
(21) 11201507557U	(71) LONZA LTD
(21) 11201507650U	(71) ROLLS-ROYCE CORPORATION
(21) 11201507695V	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201508298W	(71) Huawei Device Co., Ltd.
(21) 11201508425T	(71) MP BIOMEDICALS ASIA PACIFIC PTE LTD
(21) 11201508489S	(71) SHIN, Jong Cheon; HA, Dong Ho
(21) 11201508513V	(71) KOCHER-PLASTIK MASCHINENBAU GMBH
(21) 11201508658Y	(71) SOCIEDAD ESPAOLA DE ELECTROMEDICINA Y CALIDAD, S.A.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201508788S	(71) CREATIVE TECHNOLOGY LTD.
(21) 11201509098R	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201509102S	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201509343T	(71) HYOSUNG TNC CORPORATION
(21) 11201509733P	(71) TSINGHUA UNIVERSITY; NUCTECH COMPANY LIMITED
(21) 11201510008U	(71) ENKRIS SEMICONDUCTOR, INC.
(21) 11201510694S	(71) HSD Engine Co., Ltd.
(21) 11201602367W	(71) HITACHI, LTD.
(21) 11201602987X	(71) INTEL CORPORATION
(21) 11201603537T	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 11201603947Q	(71) INTEL CORPORATION
(21) 11201603948S	(71) Google LLC
(21) 11201604463U	(71) GREENWAVE SYSTEMS, PTE. LTD.
(21) 11201604698R	(71) ABU DHABI POLYMERS CO. LTD (BOROUGE) LLC; BOREALIS AG
(21) 11201604742X	(71) COMMODITY FLOW LIMITED
(21) 11201605122W	(71) POLYPHOR AG

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201605186Q	(71) POLYPHOR AG
(21) 11201605236Q	(71) VERDUS TECHNOLOGIES PTE. LTD.
(21) 11201605477U	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 11201605544P	(71) NIPPON YUSEN KABUSHIKI KAISHA
(21) 11201605665V	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(21) 11201605829Y	(71) NICHIAS CORPORATION
(21) 2013091160	(71) Tata Consultancy Services Limited
(21) 2013091830	(71) AXSLOGIC PTE LTD
(21) 2013093810	(71) KONE CORPORATION
(21) 2013096326	(71) BESI SWITZERLAND AG
(21) 2013096607	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2014000327	(71) (WUXI)ZHONG SHUN CHENG ENVIRONMENTAL TECHNOLOGY CO, LTD.
(21) 2014000418	(71) AFTON CHEMICAL CORPORATION
(21) 2014000905	(71) Lam Research Corporation
(21) 2014001325	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC YANGZI PETROCHEMICAL COMPANY LTD.
(21) 2014001762	(71) WEIKE (S) PTE LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2014002299	(71) Novellus Systems, Inc.
(21) 2014003230	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 2014004469	(71) CANON KABUSHIKI KAISHA
(21) 2014004857	(71) Advanced Assembly Materials International Limited
(21) 2014005706	(71) JOHNSON & JOHNSON VISION CARE, INC.
(21) 2014006407	(71) GE OIL & GAS UK LIMITED
(21) 2014008551	(71) ICOMES LAB CO. LTD
(21) 2014013551	(71) EV GROUP E. THALLNER GMBH
(21) 2014014039	(71) MEI Wet Processing System & Services LLC
12th Year	
(21) 10201404588R	(71) ONEEMPOWER PTE LTD
(21) 10201502582P	(71) DAEWOONG PHARMACEUTICAL CO., LTD.
(21) 10201505447R	(71) SEIKO EPSON CORPORATION
(21) 10201505817Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201505819X	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201505820Q	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201505821W	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201506089V	(71) FREESTYLE TECHNOLOGY LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201506934V	(71) STATS CHIPPAK LTD
(21) 10201507614T	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201508377P	(71) CCP TECHNOLOGY GMBH
(21) 10201509551P	(71) SKORPIOS TECHNOLOGIES, INC.
(21) 10201510657Q	(71) KYORAKU CO., LTD.; NAFUKO CO., LTD.
(21) 10201602749Q	(71) NESTE OIL OYJ
(21) 10201602862R	(71) Les Laboratoires Servier
(21) 10201604188X	(71) CAMURUS AB
(21) 10201604285T	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201604470T	(71) HALOZYME, INC.
(21) 10201604564X	(71) HANMI SCIENCE CO., LTD.
(21) 10201604674V	(71) Resonac Corporation
(21) 10201604715V	(71) GENZYME CORPORATION
(21) 10201604912W	(71) SUNTORY HOLDINGS LIMITED
(21) 10201604926W	(71) Mitsubishi Electric Corporation
(21) 10201605028V	(71) WACKER CHEMIE AG
(21) 10201605034S	(71) BASF SE

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201605065Q	(71) AMS SENSORS SINGAPORE PTE. LTD.
(21) 10201605268W	(71) MUELLER INTERNATIONAL, LLC
(21) 10201605325T	(71) NIPPON CHEMIPHAR CO., LTD.
(21) 10201605402U	(71) Huawei Device Co., Ltd.
(21) 10201605471V	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 10201605480Y	(71) ISRAEL AEROSPACE INDUSTRIES LTD.
(21) 10201605594U	(71) APTARION biotech AG
(21) 10201605925Y	(71) Huawei Device Co., Ltd.
(21) 10201605984R	(71) ECOLE POLYTECHNIQUE FDRALE DE LAUSANNE (EPFL)
(21) 10201606145W	(71) Mastercard International Incorporated
(21) 10201606146Q	(71) Mastercard International Incorporated
(21) 10201606270T	(71) Norner AS
(21) 10201606621X	(71) GE VIDEO COMPRESSION, LLC
(21) 10201606635S	(71) VLP THERAPEUTICS, INC.
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201607171P	(71) Shenzhen Shi Ji Guang Su Information Technology Co., Ltd

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201607963S	(71) EMD MILLIPORE CORPORATION
(21) 10201608391V	(71) Lam Research Corporation
(21) 10201608492R	(71) GENSQUARE LLC
(21) 10201609134S	(71) EAGLEPICHER TECHNOLOGIES, LLC; CAMERON INTERNATIONAL CORPORATION
(21) 10201609263Y	(71) GE VIDEO COMPRESSION, LLC
(21) 10201609349U	(71) GENSQUARE LLC
(21) 10201609500Q	(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201700111X	(71) UNIVATION TECHNOLOGIES, LLC.
(21) 10201700374V	(71) LUCITE INTERNATIONAL UK LIMITED
(21) 10201701224U	(71) MERCK PATENT GMBH
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201705687P	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 10201705725X	(71) LEVICEPT LTD
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201801905W	(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD.
(21) 10201803961V	(71) EMD MILLIPORE CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201805622Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 10201811840R	(71) GE VIDEO COMPRESSION, LLC
(21) 10201904548X	(71) MERCK PATENT GMBH
(21) 10201906914W	(71) Mitsubishi Electric Corporation
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10201912254W	(71) Mitsubishi Electric Corporation
(21) 10201912258S	(71) Mitsubishi Electric Corporation
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 10202001107W	(71) GE VIDEO COMPRESSION, LLC
(21) 11201400670X	(71) Gensquare LLC
(21) 11201400673U	(71) Gensquare LLC
(21) 11201400690P	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11201400966U	(71) OMRON Corporation
(21) 11201401081U	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201401899Y	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201402207U	(71) HIGHQ-FACTORY GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201402452V	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201402585P	(71) WACKER CHEMIE AG
(21) 11201402663X	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402665Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402667Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402823T	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402824R	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402870V	(71) BOREALIS AG
(21) 11201402896P	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402907Q	(71) Nexus Developments Limited
(21) 11201402934Y	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402937T	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402940P	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402941S	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201402942Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403006U	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403011R	(71) RAYTHEON TECHNOLOGIES CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201403012P	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403015W	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403056R	(71) MUELLER INTERNATIONAL, LLC
(21) 11201403068V	(71) EMERALD KALAMA CHEMICAL, LLC
(21) 11201403082W	(71) SEIKO EPSON CORPORATION
(21) 11201403113Y	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403114W	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403117Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403130V	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201403141R	(71) KYORAKU CO., LTD.; NAFUKO CO., LTD.
(21) 11201403142P	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 11201403146Q	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 11201403221W	(71) ATKINSON AUDIO INC.
(21) 11201403222U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 11201403243Y	(71) ELBEX VIDEO LTD.
(21) 11201403265V	(71) SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU)

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201403291V	(71) CALIFORNIA INSTITUTE OF TECHNOLOGY
(21) 11201403300X	(71) Darkside Scientific, LLC
(21) 11201403332P	(71) ROLLS-ROYCE PLC
(21) 11201403335W	(71) ONCOTHERAPY SCIENCE, INC.
(21) 11201403394Y	(71) XYLEM IP HOLDINGS LLC
(21) 11201403408S	(71) ION BEAM SERVICES
(21) 11201403415U	(71) CCP TECHNOLOGY GMBH
(21) 11201403418V	(71) ECOLE POLYTECHNIQUE FDRALE DE LAUSANNE (EPFL)
(21) 11201403430Q	(71) CCP TECHNOLOGY GMBH
(21) 11201403435X	(71) Evonik Operations GmbH
(21) 11201403454P	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 11201403456U	(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD.
(21) 11201403461V	(71) INTELLIGENT ENERGY LIMITED
(21) 11201403486R	(71) DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED
(21) 11201403495Q	(71) Evonik Degussa GmbH
(21) 11201403511Y	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201403514S	(71) DEKA PRODUCTS LIMITED PARTNERSHIP

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201403576U	(71) RICOH COMPANY, LIMITED
(21) 11201403611T	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403614V	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403615Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403631U	(71) OIL STATES INDUSTRIES, INC.
(21) 11201403664U	(71) MITSUI CHEMICALS, INC.; PRIME POLYMER CO., LTD.
(21) 11201403688R	(71) SKORPIOS TECHNOLOGIES, INC.
(21) 11201403713Q	(71) Caribou Biosciences, Inc.
(21) 11201403714T	(71) HALOZYME, INC.
(21) 11201403727Y	(71) PITYY, Marc-Henry
(21) 11201403748R	(71) LES LABORATOIRES SERVIER; VERNALIS (R&D) LTD
(21) 11201403764X	(71) Bioverativ Therapeutics Inc.
(21) 11201403777V	(71) Smiths Interconnect Americas, Inc.
(21) 11201403784Q	(71) CURIS, INC.; GENENTECH, INC.
(21) 11201403814R	(71) SIGMA-ALDRICH CO. LLC
(21) 11201403819Q	(71) Citicorp Credit Services, Inc. (USA)

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201403833R	(71) SATIAN INDUSTRIES CO LTD.
(21) 11201403852U	(71) SANOFI
(21) 11201403861X	(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 11201403867Q	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 11201403868S	(71) TERUMO KABUSHIKI KAISHA
(21) 11201403878Q	(71) Les Laboratoires Servier
(21) 11201403886V	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 11201403889P	(71) MKS INSTRUMENTS, INC.; DING, Junhua
(21) 11201403937P	(71) DH2I COMPANY
(21) 11201403953Q	(71) F.HOFFMANN-LA ROCHE AG
(21) 11201403969U	(71) SWAGELOK COMPANY
(21) 11201403981Q	(71) SOITEC
(21) 11201403984P	(71) TANAKA KIKINZOKU KOGYO K.K.
(21) 11201403985T	(71) TANAKA KIKINZOKU KOGYO K.K.
(21) 11201403992P	(71) DAK AMERICAS LLC
(21) 11201404004T	(71) LANKHORST ENGINEERED PRODUCTS B.V.
(21) 11201404017Y	(71) DOWA ELECTRONICS MATERIALS CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201404036W	(71) Microsoft Technology Licensing, LLC
(21) 11201404039U	(71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 11201404040U	(71) FUJIMI INCORPORATED
(21) 11201404047Q	(71) FUJIMI INCORPORATED
(21) 11201404050W	(71) Magpul Industries Corp.
(21) 11201404066R	(71) SOLETANCHE FREYSSINET
(21) 11201404074Q	(71) NOKIA SOLUTIONS AND NETWORKS OY
(21) 11201404098X	(71) Archer-Daniels-Midland Company
(21) 11201404181U	(71) Merck Patent GmbH
(21) 11201404240P	(71) GE VIDEO COMPRESSION, LLC
(21) 11201404251Q	(71) GE VIDEO COMPRESSION, LLC
(21) 11201404265P	(71) NIPPON CARBIDE INDUSTRIES CO., INC.
(21) 11201404288Q	(71) ASAHI KASEI CHEMICALS CORPORATION
(21) 11201404298P	(71) ARKEMA FRANCE
(21) 11201404306S	(71) SHIN-ETSU HANDOTAI CO.,LTD.
(21) 11201404307T	(71) Deca Technologies USA, Inc.
(21) 11201404309V	(71) Deca Technologies USA, Inc.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201404316P	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201404323U	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 11201404333S	(71) ARKEMA FRANCE
(21) 11201404338W	(71) NOKIA TECHNOLOGIES OY
(21) 11201404348U	(71) GILEAD SCIENCES, INC.
(21) 11201404400W	(71) Shiseido Company, Limited
(21) 11201404444T	(71) Konica Minolta, Inc.
(21) 11201404448Y	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201404449P	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201404505P	(71) DAIICHI SANKYO COMPANY,LIMITED
(21) 11201404509Q	(71) NOKIA TECHNOLOGIES OY
(21) 11201404541Y	(71) JX NIPPON MINING & METALS CORPORATION
(21) 11201404563W	(71) THALES
(21) 11201404584Y	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201404586S	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 11201404627V	(71) CELLTRUST CORPORATION
(21) 11201404633Y	(71) ISRAEL AEROSPACE INDUSTRIE LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201404691U	(71) Tencent Technology (Shenzhen) Company Limited
(21) 11201404696V	(71) UNIVATION TECHNOLOGIES, LLC.
(21) 11201404733U	(71) HANMI SCIENCE CO., LTD.
(21) 11201404772V	(71) SAMSUNG HEAVY IND. CO., LTD.
(21) 11201404780V	(71) BECKMAN COULTER, INC.
(21) 11201404824T	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404840W	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11201404857U	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404858X	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404860V	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404861Q	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404862R	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 11201404894Y	(71) KABUSHIKI KAISHA TOSHIBA
(21) 11201404931V	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 11201404956P	(71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201404976X	(71) NAVER CLOUD CORP
(21) 11201405156R	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11201405198Y	(71) DAEWOONG PHARMACEUTICAL CO., LTD.
(21) 11201405210Q	(71) EMD MILLIPORE CORPORATION
(21) 11201405213P	(71) ZIP INDUSTRIES (AUST) PTY LTD
(21) 11201405215X	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 11201405261T	(71) PETROLIAM NASIONAL BERHAD
(21) 11201405276P	(71) AMUNIX OPERATING INC.
(21) 11201405283S	(71) ABLYNX N.V.
(21) 11201405483W	(71) Merck Patent GmbH
(21) 11201405506W	(71) GERRARD, Robert; GERRARD, Marcus
(21) 11201405579R	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA SOLUTIONS CORPORATION
(21) 11201405807T	(71) Zhengzhou SEANet Technologies Co., Ltd.
(21) 11201406041V	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 11201406131S	(71) ROHM AND HAAS COMPANY
(21) 11201406749W	(71) ENKRIS SEMICONDUCTOR, INC.
(21) 11201406953U	(71) SUMITOMO HEAVY INDUSTRIES, LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201406956R	(71) SUMITOMO HEAVY INDUSTRIES, LTD.
(21) 11201408169Y	(71) ZHENG, Chong
(21) 11201408687S	(71) HYDRANAUTICS
(21) 11201501553P	(71) ZHEJIANG NHU COMPANY LTD; ZHEJIANG UNIVERSITY
(21) 11201502516R	(71) KINEFLUX SDN BHD
(21) 11201503857V	(71) Kongsberg Maritime Finland OY
(21) 11201504216Y	(71) T-DATA SYSTEMS (S) PTE LTD
(21) 11201504335R	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201504901P	(71) NATIONAL INSTITUTES FOR QUANTUM AND RADIOLOGICAL SCIENCE AND TECHNOLOGY
(21) 11201504955Q	(71) MICRO MOTION, INC.
(21) 11201505134T	(71) NOMURA RESEARCH INSTITUTE, LTD.
(21) 11201505248R	(71) FMC SEPARATION SYSTEMS, BV
(21) 11201505294S	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201505506X	(71) Motorola Solutions, Inc.
(21) 11201505509R	(71) Motorola Solutions, Inc.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 11201505510Q	(71) Motorola Solutions, Inc.
(21) 11201510182T	(71) Huawei Device Co., Ltd.
(21) 11201510187P	(71) Huawei Device Co., Ltd.
(21) 11201600174U	(71) Huawei Device Co., Ltd.
(21) 2012092599	(71) SILTRONIC AG
(21) 2012092680	(71) DECOD SCIENCE & TECHNOLOGY PTE LTD
(21) 2012092797	(71) ROLLS-ROYCE PLC
(21) 2012092847	(71) ROLLS-ROYCE PLC
(21) 2012092870	(71) ROLLS-ROYCE PLC
(21) 2012092979	(71) SILTRONIC AG
(21) 2012093845	(71) MKS INSTRUMENTS, INC.
(21) 2012095055	(71) HITACHI SYSTEMS, LTD.
(21) 2012095386	(71) TIONG ASIA MARINE PTE LTD
(21) 2012095469	(71) ONEEMPOWER PTE LTD
(21) 2012096566	(71) PICOSUN OY
(21) 2012096574	(71) PICOSUN OY
(21) 2013000179	(71) NIPPON PAINT CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013000732	(71) Velos Media International Limited
(21) 2013000740	(71) Bruker Daltonics GmbH & Co. KG
(21) 2013000955	(71) GENERAL ELECTRIC COMPANY
(21) 2013001409	(71) STATS CHIPPAK LTD
(21) 2013001565	(71) INDUSTRIE BORLA S.P.A.
(21) 2013001599	(71) MERCK PATENT GMBH
(21) 2013001706	(71) HITACHI BUILDING SYSTEMS CO., LTD.
(21) 2013001714	(71) HITACHI BUILDING SYSTEMS CO., LTD.
(21) 2013001821	(71) Velos Media International Limited
(21) 2013001839	(71) VEECO INSTRUMENTS INC.
(21) 2013002100	(71) HITACHI, LTD.
(21) 2013002183	(71) PRATT & WHITNEY SERVICES PTE LTD.
(21) 2013002332	(71) NAGOYA INSTITUTE OF TECHNOLOGY; ORTHOREBIRTH CO. LTD.
(21) 2013003918	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 2013004874	(71) GENERAL ELECTRIC COMPANY
(21) 2013005046	(71) KEPPEL OFFSHORE & MARINE TECHNOLOGY CENTRE PTE LTD
(21) 2013005442	(71) DECOD SCIENCE & TECHNOLOGY PTE LTD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013005467	(71) Resonac Corporation
(21) 2013006119	(71) LES LABORATOIRES SERVIER
(21) 2013006911	(71) Sanyou Corporation Limited
(21) 2013010988	(71) PALL CORPORATION
(21) 2013011051	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 2013011085	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 2013011101	(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA
(21) 2013013701	(71) HOUSING AND DEVELOPMENT BOARD
(21) 2013014477	(71) ASMPT Singapore Pte. Ltd.
(21) 2013017587	(71) ASMPT Singapore Pte. Ltd.
(21) 2013022371	(71) YAU LEE WAH CONCRETE PRECAST PRODUCTS COMPANY LIMITED
(21) 2013022413	(71) YAU LEE WAH CONCRETE PRECAST PRODUCTS COMPANY LIMITED
(21) 2013051149	(71) AMS SENSORS SINGAPORE PTE. LTD.
(21) 2013056650	(71) AMS SENSORS SINGAPORE PTE. LTD.
(21) 2013077128	(71) SOTIO A.S.
(21) 2013080510	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013089248	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2013092812	(71) EINNOVATIONS HOLDINGS PTE. LTD.
(21) 2013094438	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 2014009286	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 2014010151	(71) EURO-CELTIQUE S.A.
(21) 2014013916	(71) JX NIPPON MINING & METALS CORPORATION
13th Year	
(21) 10201400948V	(71) TF3 LIMITED
(21) 10201400975Q	(71) Sony Group Corporation
(21) 10201402884X	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 10201403553X	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201403709U	(71) SILTRONIC AG
(21) 10201404027T	(71) CMC Materials LLC
(21) 10201404786U	(71) AVIAT NETWORKS, INC.
(21) 10201405161P	(71) OTO MELARA SPA
(21) 10201405464S	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 10201406196P	(71) SONY CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201500277W	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 10201504486P	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
(21) 10201508568V	(71) MEDINCELL
(21) 10201509193U	(71) REGENERON PHARMACEUTICALS, INC.
(21) 10201509749R	(71) EVOQUA WATER TECHNOLOGIES LLC
(21) 10201510092Q	(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(21) 10201510111P	(71) NATIONAL UNIVERSITY OF SINGAPORE; DSO NATIONAL LABORATORIES
(21) 10201510348S	(71) LINXENS HOLDING
(21) 10201510421X	(71) BL Technologies, Inc.
(21) 10201510422V	(71) AMAZON TECHNOLOGIES, INC.
(21) 10201510424W	(71) AMAZON TECHNOLOGIES, INC.
(21) 10201510611U	(71) Microsoft Technology Licensing, LLC
(21) 10201510762Y	(71) UCB BIOPHARMA SRL
(21) 10201600202U	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 10201600286W	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 10201600287R	(71) HUAWEI TECHNOLOGIES CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201600463Y	(71) Labrador Diagnostics LLC
(21) 10201600616R	(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY
(21) 10201600718V	(71) E. I. DU PONT DE NEMOURS AND COMPANY
(21) 10201600889Q	(71) CAMERON TECHNOLOGIES LIMITED
(21) 10201600899P	(71) MEDIMMUNE, LLC
(21) 10201600983P	(71) TeraView Limited
(21) 10201602667X	(71) Itron Global SARL
(21) 10201602670Q	(71) LEXICON PHARMACEUTICALS, INC.
(21) 10201603585V	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201605687V	(71) CENTRAL GLASS COMPANY, LIMITED
(21) 10201605708X	(71) Sony Group Corporation
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201606972V	(71) Sony Group Corporation
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201703211Y	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201710240S	(71) CENTRAL GLASS COMPANY, LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201801660V	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201806699U	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 10201810141W	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 10202000920U	(71) MAXEON SOLAR PTE. LTD.
(21) 11201403110U	(71) ZHANG, Yingyuan
(21) 11201403112V	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201403170S	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 11201403510X	(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 11201403522W	(71) SHENZHEN ZHONGKE ELECTRICAL TECHNOLOGY CO., LTD
(21) 11201403799W	(71) MICRO MOTION, INC.
(21) 11201403827Q	(71) MICRO MOTION, INC.
(21) 11201403845T	(71) ABB Schweiz AG
(21) 11201404079S	(71) BGI GENOMICS CO., LTD.
(21) 11201404445S	(71) Itron Global SARL
(21) 11201404839Y	(71) TEMASEK POLYTECHNIC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011090479	(71) YANG, TAI-HER
(21) 2011092723	(71) OTO MELARA SPA
(21) 2011094273	(71) REGIFY S.A.
(21) 2011094307	(71) REGIFY S.A.
(21) 2011094695	(71) IFP ENERGIES NOUVELLES
(21) 2011097730	(71) SILTRONIC AG
(21) 2012000188	(71) GE OIL & GAS UK LIMITED
(21) 2012000360	(71) SOITEC
(21) 2012000873	(71) SOITEC
(21) 2012001913	(71) SILTRONIC AG
(21) 2012002879	(71) ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CTR. PTE., LTD.
(21) 2012003711	(71) JCET SEMICONDUCTOR (SHAOXING) CO. LTD
(21) 2012004073	(71) HITACHI, LTD.
(21) 2012004396	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2012004594	(71) G & E HERBAL BIOTECHNOLOGY CO., LTD.
(21) 2012004602	(71) G & E HERBAL BIOTECHNOLOGY CO., LTD.
(21) 2012004792	(71) CMC Materials LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012005245	(71) Sony Interactive Entertainment Inc.
(21) 2012006078	(71) SOITEC
(21) 2012006219	(71) HITACHI, LTD.
(21) 2012006649	(71) VETCO GRAY INC.
(21) 2012006656	(71) VETCO GRAY INC.
(21) 2012006722	(71) SOITEC
(21) 2012007944	(71) PALL CORPORATION
(21) 2012008793	(71) KEPPEL OFFSHORE & MARINE LTD.
(21) 2012015616	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2012019519	(71) ASM ASSEMBLY AUTOMATION LTD
(21) 2012021200	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
(21) 2012021390	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
(21) 2012058319	(71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
(21) 2013002761	(71) ARTEC CO., LTD
(21) 2013006820	(71) Tagivan II LLC
(21) 2013010244	(71) Sun Patent Trust

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013025564	(71) Resonac Corporation
(21) 2013027263	(71) AMAZON TECHNOLOGIES, INC.
(21) 2013030184	(71) LG CHEM, LTD.
(21) 2013030838	(71) PARKER-HANNIFIN CORPORATION
(21) 2013032768	(71) ADAMED PHARMA S.A.
(21) 2013033071	(71) CENTRAL GLASS COMPANY, LIMITED
(21) 2013033386	(71) LEXINGTON PHARMACEUTICALS LABORATORIES, LLC
(21) 2013033592	(71) CENTRAL GLASS COMPANY, LIMITED
(21) 2013039052	(71) GIVAUDAN SA
(21) 2013039102	(71) AMAZON TECHNOLOGIES, INC.
(21) 2013039359	(71) KABUSHIKI KAISHA KOBE SEIKO SHO
(21) 2013040522	(71) CHEVRON ORONITE COMPANY LLC
(21) 2013041454	(71) SENSUS USA INC.
(21) 2013042494	(71) ORTHODYNE ELECTRONICS CORPORATION
(21) 2013043203	(71) AMAZON TECHNOLOGIES, INC.
(21) 2013044193	(71) LUBRIZOL ADVANCED MATERIALS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013044375	(71) NISSAN CHEMICAL INDUSTRIES, LTD.
(21) 2013044979	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 2013045364	(71) NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU)
(21) 2013045695	(71) EVOQUA WATER TECHNOLOGIES LLC
(21) 2013046545	(71) QUALCOMM INCORPORATED
(21) 2013046768	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046800	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046818	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046826	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046834	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046842	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046859	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046867	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2013046933	(71) EBM-PAPST MULFINGEN GMBH & CO. KG
(21) 2013046958	(71) NTT DOCOMO, INC.
(21) 2013047386	(71) CAPRES A/S
(21) 2013047436	(71) BESI NETHERLANDS B.V.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013047469	(71) BL Technologies, Inc.
(21) 2013047493	(71) F. HOFFMANN-LA ROCHE AG
(21) 2013047634	(71) NTT DOCOMO INC.
(21) 2013047790	(71) THE LUBRIZOL CORPORATION
(21) 2013047873	(71) W R GRACE & CO.-CONN
(21) 2013047923	(71) NOVARTIS AG
(21) 2013048442	(71) XID TECHNOLOGIES PTE LTD
(21) 2013048756	(71) MAX-PLANCK-GESELLSCHAFT ZUR FRDERUNG DER WISSENSCHAFTEN E.V.; VAKZINE PROJEKT MANAGEMENT GMBH
(21) 2013048764	(71) MAX-PLANCK-GESELLSCHAFT ZUR FRDERUNG DER WISSENSCHAFTEN E.V.; VAKZINE PROJEKT MANAGEMENT GMBH
(21) 2013048848	(71) EVONIK OPERATIONS GMBH
(21) 2013049176	(71) NTT DOCOMO, INC.
(21) 2013049515	(71) SATO HOLDINGS KABUSHIKI KAISHA
(21) 2013049705	(71) AMAZON TECHNOLOGIES, INC.
(21) 2013049929	(71) AMADEUS S.A.S.
(21) 2013050133	(71) EMD MILLIPORE CORPORATION
(21) 2013050240	(71) MD&D ALLIANCE GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013050257	(71) MD&D ALLIANCE GMBH
(21) 2013050364	(71) MEDINCELL
(21) 2013051057	(71) MILLIKEN & COMPANY
(21) 2013051073	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2013051479	(71) LICELLA PTY LTD.; Ignite Resources Pty Limited
(21) 2013051685	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 2013052105	(71) Sony Group Corporation
(21) 2013052303	(71) Beijing Xiaomi Mobile Software Co., Ltd.
(21) 2013052352	(71) BOVIN, NICOLAI VLADIMIROVICH; FORMANOVSKY, ANDREY ALFREDOVICH; HENRY, STEPHEN MICHEAL; PARKER, STEPHEN ROBERT; POPOVA, INNA STANISLAVOVNA
(21) 2013052410	(71) TATA CONSULTANCY SERVICES LIMITED
(21) 2013052568	(71) INFINITY PHARMACEUTICALS, INC.
(21) 2013052576	(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY
(21) 2013052733	(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2013052741	(71) UCB BIOPHARMA SRL
(21) 2013052816	(71) CMC Materials LLC
(21) 2013052832	(71) SONY CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013053038	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 2013053111	(71) LAM RESEARCH CORPORATION
(21) 2013053160	(71) Gemalto AG
(21) 2013053343	(71) ENEOS MATERIALS CORPORATION
(21) 2013053590	(71) Evonik Operations GmbH
(21) 2013053624	(71) VIDEONETICS TECHNOLOGY PRIVATE LIMITED
(21) 2013054408	(71) SONY CORPORATION
(21) 2013054507	(71) MERCK PATENT GMBH
(21) 2013054671	(71) KAWANO MERICLONE CO.,LTD.
(21) 2013054796	(71) TOKYO ELECTRON LIMITED
(21) 2013055116	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION
(21) 2013055462	(71) CHEVRON ORONITE COMPANY LLC
(21) 2013055603	(71) Labrador Diagnostics LLC
(21) 2013055926	(71) ATG ACCESS LTD
(21) 2013055975	(71) LG CHEM, LTD.
(21) 2013055983	(71) LG CHEM, LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013056353	(71) AIR PRODUCTS AND CHEMICALS, INC.
(21) 2013056437	(71) SANOFI BIOTECHNOLOGY
(21) 2013056445	(71) SANOFI BIOTECHNOLOGY
(21) 2013056585	(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA
(21) 2013056619	(71) GEA MECHANICAL EQUIPMENT GMBH
(21) 2013056858	(71) VIIV HEALTHCARE UK (NO.4) LIMITED
(21) 2013057187	(71) MERCK PATENT GMBH
(21) 2013057278	(71) NISSIN FOODS HOLDINGS CO., LTD.
(21) 2013057401	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013057419	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013057450	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2013057625	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013057682	(71) Onto Innovation Inc.
(21) 2013057740	(71) SHANGHAI MICRO ELECTRONICS EQUIPMENT (GROUP) CO., LTD.
(21) 2013057872	(71) E.I. DU PONT DE NEMOURS AND COMPANY
(21) 2013058110	(71) COOPERVISION INTERNATIONAL LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013058128	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058219	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058268	(71) PARADIGM HEALTH SCIENCES PTY LTD
(21) 2013058300	(71) BEIJING PEKING UNIVERSITY WBL BIOTECH CO., LTD.
(21) 2013058318	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058334	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058342	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058359	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2013058409	(71) ENTEGRIS, INC.
(21) 2013058557	(71) PETROLIAM NASIONAL BERHAD (PETRONAS); NGLTECH SDN. BHD.
(21) 2013059100	(71) Sony Group Corporation
(21) 2013059274	(71) MOBERG PHARMA AB
(21) 2013059282	(71) CARRIER CORPORATION
(21) 2013059365	(71) INFIRST HEALTHCARE LIMITED
(21) 2013059720	(71) ASAHITECHNO CO., LTD.
(21) 2013059746	(71) Sun Patent Trust

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013060082	(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA SOLUTIONS CORPORATION
(21) 2013060173	(71) PALL EUROPE LIMITED
(21) 2013060843	(71) TERAVIEW LIMITED
(21) 2013062625	(71) BAKER HUGHES INCORPORATED
(21) 2013062633	(71) Baker Hughes Oilfield Operations, LLC
(21) 2013063391	(71) KOCH-GLITSCH, LP
(21) 2013064217	(71) BECKMAN COULTER, INC.
(21) 2013064894	(71) INERTECH IP LLC
(21) 2013065164	(71) CAMERON TECHNOLOGIES LIMITED
(21) 2013065685	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 2013065834	(71) TF3 LIMITED
(21) 2013074208	(71) CAMERON TECHNOLOGIES LIMITED
(21) 2014003560	(71) SUVEN LIFE SCIENCES LIMITED
(21) 2014013007	(71) EV GROUP E. THALLNER GMBH
(21) 2014014526	(71) Sony Group Corporation
14th Year	
(21) 10201402407Q	(71) AMAZON TECHNOLOGIES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201403987Y	(71) ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CTR. PTE. LTD.
(21) 10201408313P	(71) Shilat Optical Systems Ltd
(21) 10201408425Q	(71) DOLBY INTERNATIONAL AB
(21) 10201408553R	(71) RPL HOLDINGS LIMITED
(21) 10201408577S	(71) AFFINITY BIOSCIENCES PTY LTD
(21) 10201408733P	(71) Novellus Systems, Inc.
(21) 10201408738R	(71) CMC Materials LLC
(21) 10201500079Y	(71) BIOGEN MA INC.
(21) 10201500196X	(71) SKYVENTURE INTERNATIONAL (UK) LTD
(21) 10201500387R	(71) ENTEGRIS, INC.
(21) 10201500465X	(71) SANOFI
(21) 10201500468R	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION
(21) 10201500613V	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 10201500634W	(71) EV GROUP E. THALLNER GMBH
(21) 10201500636P	(71) EV GROUP E. THALLNER GMBH
(21) 10201500686Y	(71) VISA INTERNATIONAL SERVICE ASSOCIATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201500753Q	(71) CREATIVE TECHNOLOGY LTD.
(21) 10201500917W	(71) SAMSUNG ELECTRONICS CO.,LTD.
(21) 10201500920V	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201500923S	(71) SAMSUNG ELECTRONICS CO.,LTD.
(21) 10201502865R	(71) General Electric Technology GmbH
(21) 10201502866P	(71) General Electric Technology GmbH
(21) 10201503061V	(71) DOW GLOBAL TECHNOLOGIES LLC (FORMERLY KNOWN AS DOW GLOBAL TECHNOLOGIES INC.)
(21) 10201503145Q	(71) KABUSHIKI KAISHA PILOT CORPORATION (ALSO TRADING AS PILOT CORPORATION); THE PILOT INK CO., LTD.
(21) 10201503491V	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 10201505004Q	(71) CMC Materials LLC
(21) 10201509476R	(71) VIIV HEALTHCARE COMPANY
(21) 10201604093X	(71) AMGEN K-A, INC.
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201610108R	(71) SKYVENTURE INTERNATIONAL (UK) LTD
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201704559W	(71) HALLIBURTON ENERGY SERVICES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 10201704560W	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 10201707183T	(71) VIIV HEALTHCARE COMPANY
(21) 10201908987V	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 2010045292	(71) VIKING DREDGING AS
(21) 2010092815	(71) C3S PTE. LTD.
(21) 2010094084	(71) NOVELLUS SYSTEMS, INC.
(21) 2010094712	(71) SILTRONIC AG
(21) 2010095420	(71) SILTRONIC AG
(21) 2010096139	(71) Konecranes Global Corporation
(21) 2011002458	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2011003316	(71) MURATA MACHINERY, LTD.
(21) 2011004363	(71) DEXERIALS CORPORATION
(21) 2011004777	(71) SUMITOMO HEAVY INDUSTRIES MATERIAL HANDLING SYSTEMS CO., LTD.
(21) 2011005394	(71) JCET SEMICONDUCTOR (SHAOXING) Co. Ltd
(21) 2011006632	(71) Versum Materials US, LLC
(21) 2011013059	(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011014198	(71) ASMPT Singapore Pte. Ltd.
(21) 2011042520	(71) DAITO ELECTRIC MACHINE INDUSTRY COMPANY LIMITED
(21) 2011061900	(71) JAPAN SUPER QUARTZ CORPORATION; SHIBAURA INSTITUTE OF TECHNOLOGY
(21) 2012020798	(71) Niterra Co., Ltd.
(21) 2012039194	(71) GIVAUDAN SA
(21) 2012040978	(71) NOVELLUS SYSTEMS, INC.
(21) 2012041273	(71) Mitsubishi Chemical UK Limited
(21) 2012041851	(71) GlobalWafers Co., Ltd.
(21) 2012042990	(71) PHOENIX CONTACT GMBH & CO. KG
(21) 2012043048	(71) ASCENDIS PHARMA ENDOCRINOLOGY DIVISION A/S
(21) 2012043170	(71) ALBEMARLE CORPORATION
(21) 2012043238	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 2012044087	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2012044178	(71) BCN PEPTIDES, S.A.
(21) 2012044400	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2012044509	(71) PATCO, LLC
(21) 2012044616	(71) STEPAN COMPANY

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012044889	(71) Superlab Far East Limited
(21) 2012045142	(71) GENOMIC HEALTH, INC.
(21) 2012045167	(71) KLA-TENCOR CORPORATION
(21) 2012045183	(71) PHOSPHAGENICS LIMITED
(21) 2012045357	(71) THE BOEING COMPANY
(21) 2012045506	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2012045514	(71) ELEMENT SIX TECHNOLOGIES LIMITED
(21) 2012045571	(71) MITSUI CHEMICALS, INC.
(21) 2012045795	(71) DOLBY INTERNATIONAL AB
(21) 2012045811	(71) Bio-Rad Europe GmbH
(21) 2012045878	(71) VLINGE PHOTOCATALYTIC AB
(21) 2012045936	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 2012046157	(71) CHIESI FARMACEUTICI S.p.A.
(21) 2012046173	(71) CHIESI FARMACEUTICI S.P.A.
(21) 2012046777	(71) MULTILOT AS
(21) 2012046843	(71) HEMPEL A/S
(21) 2012047262	(71) NTT DOCOMO, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012047452	(71) SENSIMED SA
(21) 2012047668	(71) UCB PHARMA S.A.
(21) 2012047676	(71) UCB PHARMA S.A.
(21) 2012047767	(71) REGENERON PHARMACEUTICALS, INC.
(21) 2012048047	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2012048112	(71) NIPPON SODA CO., LTD.
(21) 2012048567	(71) UCB PHARMA S.A.
(21) 2012048641	(71) SUPERDERIVATIVES, INC.
(21) 2012048864	(71) DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED
(21) 2012048963	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2012049086	(71) CMC Materials LLC
(21) 2012049102	(71) INEOS SALES (UK) LIMITED
(21) 2012049524	(71) HANMI SCIENCE CO., LTD.; KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY; CATHOLIC UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION
(21) 2012049714	(71) BIGTEC PRIVATE LIMITED
(21) 2012049771	(71) NTT DOCOMO, INC.
(21) 2012049813	(71) EMD MILLIPORE CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012049896	(71) KUM KANG INDUSTRY CO., LTD.
(21) 2012050134	(71) GEVO, INC.
(21) 2012050324	(71) AMAZON TECHNOLOGIES, INC.
(21) 2012050472	(71) HANMI SCIENCE CO., LTD.
(21) 2012050639	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 2012050761	(71) UBE CORPORATION
(21) 2012050860	(71) DCNS
(21) 2012050936	(71) LAM RESEARCH CORPORATION
(21) 2012051223	(71) RESEARCH IN MOTION LIMITED
(21) 2012051256	(71) NIPPON STEEL CORPORATION
(21) 2012051504	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2012051660	(71) General Electric Technology GmbH
(21) 2012052221	(71) Aprea Therapeutics AB
(21) 2012052346	(71) COSTOVICI, NICOLAS ANTHONY
(21) 2012052403	(71) IPSEN PHARMA S.A.S.
(21) 2012052759	(71) CARRIER CORPORATION
(21) 2012053112	(71) MICRON TECHNOLOGY, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012053229	(71) DOW GLOBAL TECHNOLOGIES LLC (FORMERLY KNOWN AS DOW GLOBAL TECHNOLOGIES INC.)
(21) 2012053260	(71) SHIN-ETSU HANDOTAI CO., LTD.; FUJIKOSHI MACHINERY CORP.
(21) 2012053385	(71) PFIZER LIMITED
(21) 2012053393	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 2012053492	(71) VIIV HEALTHCARE COMPANY
(21) 2012053609	(71) HOYA CORPORATION
(21) 2012053930	(71) ACETYLON PHARMACEUTICALS, INC.
(21) 2012054078	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION
(21) 2012054458	(71) Resonac Corporation
(21) 2012055000	(71) EMC CORPORATION
(21) 2012055174	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 2012056008	(71) TOKYO ELECTRON LIMITED
(21) 2012056248	(71) JSR CORPORATION
(21) 2012056792	(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2012056826	(71) Otsuka Pharmaceutical Co., Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012056891	(71) ALKHALAF, RAKAN KHALED Y
(21) 2012056925	(71) SANOFI PASTEUR
(21) 2012056974	(71) KABUSHIKI KAISHA PILOT CORPORATION (ALSO TRADING AS PILOT CORPORATION); The Pilot Ink Co., Ltd.
(21) 2012057436	(71) HEPTARES THERAPEUTICS LIMITED
(21) 2012057816	(71) GILEAD BIOLOGICS, INC
(21) 2012058343	(71) MICRON TECHNOLOGY, INC.
(21) 2012058855	(71) KNUTSEN BALLASTVANN AS
(21) 2012059143	(71) SONY CORPORATION
(21) 2012059275	(71) PETROLEUM TECHNOLOGY COMPANY AS
(21) 2012059317	(71) DOW GLOBAL TECHNOLOGIES LLC (FORMERLY KNOWN AS DOW GLOBAL TECHNOLOGIES INC.)
(21) 2012059713	(71) Resonac Corporation
(21) 2012059762	(71) PERI SE
(21) 2012059820	(71) TEMASEK POLYTECHNIC
(21) 2012059838	(71) UNIVATION TECHNOLOGIES, LLC
(21) 2012060091	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 2012060497	(71) VEEM LTD
(21) 2012060786	(71) VELTEK ASSOCIATES, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012060935	(71) VEEM LTD
(21) 2012061362	(71) ELBEX VIDEO LTD.
(21) 2012062493	(71) Grant Prideco, Inc.
(21) 2012062873	(71) SAMSUNG HEAVY IND. CO., LTD.
(21) 2012063111	(71) ALFA LAVAL CORPORATE AB
(21) 2012064291	(71) AGROFLEET SDN BHD
(21) 2012068433	(71) BEC CO., LTD.
(21) 2012085593	(71) WIDEX A/S
(21) 2012087011	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2012090387	(71) KYMAB LIMITED
(21) 2012090718	(71) LONGITUDE LLC
(21) 2013000096	(71) Mobileum, Inc.
(21) 2013000245	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2013000336	(71) CMC Materials LLC
(21) 2013008214	(71) EV GROUP E. THALLNER GMBH
(21) 2013009584	(71) Maxeon Solar Pte. Ltd.
(21) 2013012208	(71) UOP LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013012216	(71) UOP LLC
(21) 2013012554	(71) UOP LLC
(21) 2013022538	(71) NASDAQ TECHNOLOGY AB
(21) 2013027941	(71) VETCO GRAY INC.
(21) 2013031778	(71) JCET SEMICONDUCTOR (SHAOXING) CO. LTD
(21) 2013048814	(71) BESPOKE BIOSCIENCE, LLC
(21) 2013050372	(71) BL Technologies, Inc.
(21) 2013051024	(71) AMOREPACIFIC CORPORATION
(21) 2013051990	(71) WIDEX A/S
(21) 2013052147	(71) THAT CORPORATION
(21) 2013052758	(71) JCET SEMICONDUCTOR (SHAOXING) CO. LTD
(21) 2013053830	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2013053855	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2013053897	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2013055215	(71) T&W ENGINEERING A/S
(21) 2013059951	(71) JCET SEMICONDUCTOR (SHAOXING) CO. LTD
(21) 2013062500	(71) ASMPT Singapore Pte. Ltd.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013063946	(71) PRAD RESEARCH AND DEVELOPMENT LIMITED
(21) 2013065701	(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
(21) 2013087713	(71) IQIP Holding B.V.
(21) 2014015143	(71) ELEMENT SIX TECHNOLOGIES LIMITED
15th Year	
(21) 10201400061W	(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 10201400685S	(71) Amarin Pharmaceuticals Ireland Limited
(21) 10201500705Y	(71) BIO-RAD LABORATORIES, INC.
(21) 10201508271P	(71) PHOTOCURE ASA
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 10201607592P	(71) VERTEX PHARMACEUTICALS INCORPORATED
(21) 10201609893S	(71) EMD MILLIPORE CORPORATION
(21) 10201610761R	(71) CANON KABUSHIKI KAISHA
(21) 10201705183S	(71) Incyte Holdings Corporation
(21) 10201705588P	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 10201913261Q	(71) Incyte Holdings Corporation
(21) 2009083437	(71) SILTRONIC AG

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009083858	(71) ASML HOLDING N.V.; ASML NETHERLANDS B.V.
(21) 2009084021	(71) SILTRONIC AG
(21) 2009084054	(71) SILTRONIC AG
(21) 2009085457	(71) HOMEWAY TECHNOLOGY CO., LTD.
(21) 2009086000	(71) ERCO GMBH
(21) 2010004000	(71) FUJI ELECTRIC CO., LTD.
(21) 2010005254	(71) ROHM AND HAAS COMPANY
(21) 2010007516	(71) EMD MILLIPORE CORPORATION
(21) 2010010866	(71) GustoMSC B.V.
(21) 2010017333	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
(21) 2010017341	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
(21) 2011011822	(71) NTT DOCOMO, INC.
(21) 2011023983	(71) ELBIT SYSTEMS LTD.
(21) 2011025582	(71) NITTO KASEI CO., LTD.
(21) 2011025624	(71) NITTO KASEI CO., LTD.
(21) 2011029204	(71) RICHTER GEDEON NYRT.
(21) 2011030616	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011030954	(71) RICHTER GEDEON NYRT.
(21) 2011030962	(71) RICHTER GEDEON NYRT.
(21) 2011033743	(71) SH COGENT LOGISTICS PTE LTD
(21) 2011037165	(71) Resonac Corporation
(21) 2011037785	(71) Chr. Hansen HMO GmbH
(21) 2011038122	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2011038494	(71) SUBCHONDRAL SOLUTIONS, INC.
(21) 2011039161	(71) MERSEN FRANCE AMIENS SAS
(21) 2011040268	(71) Microsoft Technology Licensing, LLC
(21) 2011040540	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2011042215	(71) AGC Inc.
(21) 2011043429	(71) SEA TEL, INC.
(21) 2011043486	(71) PF Consumer Healthcare 1 LLC
(21) 2011043502	(71) TOTALFRSVARETS FORSKNINGSINSTITUT FOI
(21) 2011043759	(71) TEIJIN LIMITED
(21) 2011043767	(71) TEIJIN LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011044385	(71) Nanotherapeutics, Inc
(21) 2011044492	(71) Expedia Australia Holdings Pty Ltd
(21) 2011044534	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2011044724	(71) VERTEX PHARMACEUTICALS INCORPORATED
(21) 2011044948	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2011045119	(71) AMAZON TECHNOLOGIES, INC.
(21) 2011045168	(71) NISSAN CHEMICAL INDUSTRIES, LTD.
(21) 2011045341	(71) ASML NETHERLANDS B.V.
(21) 2011045374	(71) Microsoft Technology Licensing, LLC
(21) 2011045549	(71) PRIME POLYMER CO., LTD.
(21) 2011046307	(71) CODEXIS, INC.
(21) 2011046398	(71) ENVAC AB
(21) 2011046455	(71) GHT GLOBAL HEATING TECHNOLOGIES GMBH
(21) 2011046901	(71) W R GRACE & CO.-CONN
(21) 2011047537	(71) ELBIT SYSTEMS LAND AND C4I LTD.
(21) 2011047974	(71) LANDIS+GYR AG
(21) 2011048063	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; NATIONAL ASSOCIATION OF REAL ESTATE INVESTMENT TRUSTS

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011048121	(71) TiVo Solutions Inc.
(21) 2011048139	(71) TiVo Solutions Inc.
(21) 2011048246	(71) W R GRACE & CO.-CONN
(21) 2011048253	(71) W R GRACE & CO.-CONN
(21) 2011048642	(71) DE NORA WATER TECHNOLOGIES, LLC
(21) 2011048758	(71) VOSTA LMG B.V.; DREDGING INTERNATIONAL N.V.
(21) 2011048881	(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2011048899	(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2011048907	(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2011048972	(71) HUANG, HAIDONG
(21) 2011049095	(71) CREATIVE TECHNOLOGY LTD
(21) 2011049285	(71) HOYA CORPORATION
(21) 2011049327	(71) NIPPON STEEL CORPORATION
(21) 2011049418	(71) DSM IP ASSETS B.V.
(21) 2011049426	(71) BAE SYSTEMS HGGLUNDS AKTIEBOLAG
(21) 2011049475	(71) CODEXIS, INC.
(21) 2011049566	(71) SWEDISH BIOMIMETICS 3000 LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011049624	(71) INCYTE HOLDINGS CORPORATION
(21) 2011049699	(71) DSM IP ASSETS B.V.
(21) 2011050242	(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA
(21) 2011050606	(71) INEOS SOLVENTS GERMANY GmbH
(21) 2011050895	(71) DOLBY INTERNATIONAL AB
(21) 2011051166	(71) NIPPON STEEL CORPORATION
(21) 2011051174	(71) RIGEL PHARMACEUTICALS, INC.
(21) 2011051265	(71) BOOMERANG SYSTEMS, INC.
(21) 2011051398	(71) LAM RESEARCH
(21) 2011052248	(71) INDENA S.P.A.
(21) 2011053527	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2011053758	(71) ECHOSTAR TECHNOLOGIES LLC
(21) 2011054277	(71) HISAMITSU PHARMACEUTICAL CO., INC.
(21) 2011054335	(71) APPLIED BIOMIMETIC A/S
(21) 2011054350	(71) FORSIGHT VISION4, INC.
(21) 2011054780	(71) CAMERON TECHNOLOGIES LIMITED
(21) 2011055001	(71) MERCK PATENT GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011055282	(71) CEVEC PHARMACEUTICALS GMBH
(21) 2011055308	(71) TERUMO KABUSHIKI KAISHA
(21) 2011055399	(71) KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN
(21) 2011055407	(71) NIPPON STEEL CORPORATION
(21) 2011055548	(71) CMC Materials LLC
(21) 2011055712	(71) MASTERCARD TRANSACTION SERVICES (EUROPE) SA
(21) 2011056231	(71) S.O.I. TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2011056546	(71) NALCO COMPANY
(21) 2011056728	(71) FMC KONGSBERG SUBSEA AS
(21) 2011056975	(71) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(21) 2011057122	(71) Reata Pharmaceuticals Holdings, LLC
(21) 2011058237	(71) BEUMER Group GmbH & Co. KG.
(21) 2011059755	(71) DOW GLOBAL TECHNOLOGIES LLC; CARNEGIE MELLON UNIVERSITY
(21) 2011061033	(71) Avantor Performance Materials, LLC
(21) 2011065166	(71) HANMI SCIENCE CO., LTD.
(21) 2011065760	(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011068608	(71) BIOCRYST PHARMACEUTICALS, INC.
(21) 2011070703	(71) DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
(21) 2011070711	(71) DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
(21) 2011071651	(71) DCNS
(21) 2011071669	(71) DCNS
(21) 2011081825	(71) THEAPRIN PHARMACEUTICALS INC.
(21) 2012001962	(71) T&W ENGINEERING A/S
(21) 2012003232	(71) KUM KANG INDUSTRY CO., LTD.
(21) 2012006755	(71) TERADYNE, INC.
(21) 2012030656	(71) KUM KANG INDUSTRY CO., LTD.
(21) 2012032553	(71) SUVEN LIFE SCIENCES LIMITED
(21) 2012039350	(71) OFFICINE MACCAFERRI S.P.A.
(21) 2012045910	(71) IFP
(21) 2012051413	(71) SILTRONIC AG
(21) 2012053252	(71) WIDEX A/S
(21) 2012054169	(71) DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2012055455	(71) Nanjing Tica Air-conditioning Co., Ltd.
(21) 2012057220	(71) TOYO ADVANCED TECHNOLOGIES CO., LTD.
(21) 2012057683	(71) TOYO ADVANCED TECHNOLOGIES CO., LTD.
(21) 2012071635	(71) CAMERON TECHNOLOGIES LIMITED
(21) 2012082673	(71) CMC Materials LLC
(21) 2013091202	(71) PAMGO SOLUTIONS LIMITED
(21) 2013096185	(71) INCYTE HOLDINGS CORPORATION
(21) 2014000624	(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2014000830	(71) LAM RESEARCH CORPORATION
(21) 2014002737	(71) CURIS, INC.
(21) 2014004428	(71) GustoMSC B.V.
(21) 2014007389	(71) FORSIGHT VISION4, INC.
(21) 2014007637	(71) MEDIMMUNE, LLC
(21) 2014008593	(71) EMD MILLIPORE CORPORATION
(21) 2014008692	(71) Microsoft Technology Licensing, LLC
(21) 2014008999	(71) Oerlikon Surface Solutions AG, Pffikon
(21) 2014009245	(71) Microsoft Technology Licensing, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2014011415	(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 2014012272	(71) CHARGEPOINT TECHNOLOGY LIMITED
(21) 2014012843	(71) RENAISSANCE ENERGY INVESTMENT CO., LTD.; OSAKA PREFECTURAL HOSPITAL ORGANIZATION
16th Year	
(21) 10201603416S	(71) BGC PARTNERS, INC.
(21) 10201605611Q	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 10201605686X	(71) FUJIMI INCORPORATED
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 2009001702	(71) EVONIK OPERATIONS GMBH
(21) 2009001983	(71) SEMBCORP MARINE INTEGRATED YARD PTE. LTD.
(21) 2009002023	(71) SK Materials Performance Co., Ltd.
(21) 2009002296	(71) SEMICONDUCTOR TECHNOLOGIES & INSTRUMENTS PTE LTD
(21) 2009002502	(71) RESEARCH IN MOTION LIMITED
(21) 2009003104	(71) F. HOFFMANN-LA ROCHE AG
(21) 2009004680	(71) JAPAN CREATE CO., LTD
(21) 2009005521	(71) MITSUBISHI ELECTRIC CORPORATION
(21) 2009005612	(71) YOKOGAWA ELECTRIC CORPORATION

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009006164	(71) HOYA CORPORATION; HOYA GLASS DISK (THAILAND) LTD.
(21) 2009006180	(71) HOYA CORPORATION; HOYA GLASS DISK (THAILAND) LTD.
(21) 2009006305	(71) DISCO CORPORATION
(21) 2009023524	(71) MARCUS A. KATZ
(21) 2009045311	(71) ANJNI PHARMACEUTICAL CO., LTD.
(21) 2009086711	(71) CLEARWATER HOLDINGS, LTD.; BOJIUC, DUMITRU
(21) 2010000784	(71) LNG TECHNOLOGY PTY LTD
(21) 2010001113	(71) LNG TECHNOLOGY PTY LTD
(21) 2010031722	(71) CLANOTECH AB
(21) 2010034288	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2010035814	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2010038305	(71) NIPPON STEEL Chemical & Material Co., Ltd.; NIPPON MICROMETAL CORPORATION
(21) 2010039568	(71) SALUTARIS MEDICAL DEVICES, INC.
(21) 2010040129	(71) NOKIA TECHNOLOGIES OY
(21) 2010040368	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2010040640	(71) Microsoft Technology Licensing, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010041812	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2010041960	(71) GW PHARMA LIMITED
(21) 2010042356	(71) MICRON TECHNOLOGY, INC.
(21) 2010042448	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2010042505	(71) EISAI R & D MANAGEMENT CO., LTD.
(21) 2010042539	(71) ACIST Medical Systems, Inc.
(21) 2010042604	(71) Optis Wireless Technology, LLC
(21) 2010043651	(71) BAXTER HEALTHCARE SA
(21) 2010043842	(71) LAM RESEARCH CORPORATION
(21) 2010043982	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2010044154	(71) LODERS CROKLAAN B.V.
(21) 2010044170	(71) ISMECA SEMICONDUCTOR HOLDING SA
(21) 2010044667	(71) ULVAC, INC.
(21) 2010044741	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2010044774	(71) LAM RESEARCH CORPORATION
(21) 2010045797	(71) HMD global Oy

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010045813	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2010046209	(71) IMPAX LABORATORIES, LLC
(21) 2010046308	(71) Beijing NAURA Microelectronics Equipment Co., LTD.
(21) 2010046597	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2010047603	(71) GODO KAISHA IP BRIDGE 1
(21) 2010047611	(71) CORNELL RESEARCH FOUNDATION, INC.
(21) 2010047744	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2010047843	(71) THE BOEING COMPANY
(21) 2010047876	(71) MICRON TECHNOLOGY, INC.
(21) 2010048163	(71) QUALITAU, INC.
(21) 2010048270	(71) FLUID EQUIPMENT DEVELOPMENT COMPANY, LLC
(21) 2010048551	(71) LIFE TECHNOLOGIES CORPORATION
(21) 2010048627	(71) UNIVERSIDAD DE LA LAGUNA
(21) 2010049039	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2010049047	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 2010049401	(71) BIOMARIN PHARMACEUTICAL INC.
(21) 2010049567	(71) CMC Materials LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010049583	(71) THOREL, JEAN-NOL
(21) 2010049633	(71) DTS, INC.
(21) 2010049799	(71) NTT DOCOMO, INC.
(21) 2010049856	(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2010050540	(71) HOYA CORPORATION
(21) 2010050557	(71) HOYA CORPORATION
(21) 2010050565	(71) ISMECA SEMICONDUCTOR HOLDING SA
(21) 2010050573	(71) ELI LILLY AND COMPANY
(21) 2010051001	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2010051134	(71) RA CORPORATION PTY LTD
(21) 2010051241	(71) INDENA S.P.A.; HORPHAG RESEARCH IP (MIR) LTD
(21) 2010051977	(71) GENENTECH, INC.
(21) 2010052017	(71) SHIN POONG PHARMACEUTICAL CO., LTD.
(21) 2010052777	(71) SUPERDERIVATIVES, INC.
(21) 2010053635	(71) Alcon Inc.
(21) 2010053759	(71) H.E.F.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010053825	(71) MITSUBISHI HEAVY INDUSTRIES TRANSPORTATION EQUIPMENT ENGINEERING & SERVICE CO., LTD.
(21) 2010053999	(71) GE Oil & Gas Compression Systems LLC
(21) 2010054039	(71) BAYER INTELLECTUAL PROPERTY GMBH
(21) 2010054187	(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
(21) 2010054732	(71) FLUID EQUIPMENT DEVELOPMENT COMPANY, LLC
(21) 2010054781	(71) HISAMITSU PHARMACEUTICAL CO., INC.
(21) 2010054856	(71) BlackBerry Limited
(21) 2010054948	(71) JOHNSON MATTHEY PLC
(21) 2010055069	(71) SHIN-ETSU HANDOTAI CO., LTD.
(21) 2010055101	(71) RETRACTABLE TECHNOLOGIES, INC.
(21) 2010055432	(71) DOW GLOBAL TECHNOLOGIES INC.
(21) 2010055457	(71) DOW GLOBAL TECHNOLOGIES INC.
(21) 2010055465	(71) DOW GLOBAL TECHNOLOGIES INC.
(21) 2010055531	(71) DIC CORPORATION
(21) 2010055879	(71) FUJI OIL COMPANY, LIMITED
(21) 2010056679	(71) TDW DELAWARE, INC.
(21) 2010056711	(71) SHIN-ETSU HANDOTAI CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010056901	(71) SK INNOVATION CO., LTD.
(21) 2010057503	(71) ROXTEC AB
(21) 2010057750	(71) VELTEK ASSOCIATES, INC.
(21) 2010058709	(71) FMC KONGSBERG SUBSEA AS
(21) 2010060333	(71) JULIUS MAXIMILIANS-UNIVERSITT WRZBURG
(21) 2010060812	(71) RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
(21) 2010061604	(71) MICRON TECHNOLOGY, INC.
(21) 2010062172	(71) HANSEN, BERND
(21) 2010067932	(71) LG ELECTRONICS INC.
(21) 2010068575	(71) SCIENTIFIC PLASTIC PRODUCTS, INC.
(21) 2010070597	(71) DAIFUKU CO., LTD.
(21) 2010077568	(71) HENG KIAN YONG
(21) 2010079788	(71) Optis Wireless Technology, LLC
(21) 2010081271	(71) SOILMEC S.P.A.
(21) 2010095941	(71) SHINKAWA LTD.
(21) 2011027224	(71) DOW GLOBAL TECHNOLOGIES INC.
(21) 2011032356	(71) PREMIUM PATENTS SDN. BHD

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011039559	(71) OXION PTE. LTD.
(21) 2011044328	(71) HOLISTA BIOTECH SDN. BHD.
(21) 2011049137	(71) DAIFUKU CO., LTD.
(21) 2011049145	(71) DAIFUKU CO., LTD.
(21) 2011052081	(71) HANMI SCIENCE CO., LTD.
(21) 2011052362	(71) WIDEX A/S
(21) 2011053782	(71) JAPAN CREATE CO., LTD
(21) 2011058369	(71) UNISTEEL TECHNOLOGY LIMITED
(21) 2012092698	(71) LAM RESEARCH CORPORATION
(21) 2012093092	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2012096244	(71) INTERDIGITAL PATENT HOLDINGS, INC.
(21) 2012096673	(71) INTERDIGITAL PATENT HOLDINGS, INC.
(21) 2013000757	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2013000765	(71) INTELLIKINE LLC
(21) 2013000773	(71) INTELLIKINE LLC
(21) 2013001227	(71) BGC PARTNERS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013001995	(71) VECTURA DELIVERY DEVICES LIMITED; BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 2013002449	(71) VECTURA DELIVERY DEVICES LIMITED
(21) 2013003926	(71) Strobic Air Corporation
(21) 2013004692	(71) PROTHENA BIOSCIENCES LIMITED; UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
(21) 2013004908	(71) Microsoft Technology Licensing, LLC
(21) 2013005764	(71) GENENTECH, INC.
(21) 2013006945	(71) BlackBerry Limited
(21) 2013007034	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 2013007075	(71) FUJIMI INCORPORATED
(21) 2013007372	(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA
(21) 2013008263	(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2013009865	(71) AstraZeneca AB
(21) 2013012133	(71) MICRON TECHNOLOGY, INC.
(21) 2013012158	(71) MICRON TECHNOLOGY, INC.
(21) 2013012232	(71) Microsoft Technology Licensing, LLC
(21) 2013020193	(71) APPLIED MATERIALS, INC.
(21) 2013025515	(71) SPIRULINA BIO-LAB CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013026497	(71) DAIFUKU CO., LTD.
(21) 2013040654	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2013058086	(71) LIFE TECHNOLOGIES CORPORATION
(21) 2013078761	(71) LAM RESEARCH CORPORATION
(21) 2013093661	(71) PREMIUM PATENTS SDN. BHD
17th Year	
(21) 10201505657T	(71) THE BOEING COMPANY
(21) 10201606796R	(71) GENERAL ELECTRIC COMPANY
(21) 2007188154	(71) TEST MAX MANUFACTURING PTE LTD
(21) 2007190747	(71) INDUSTRIE BORLA S.P.A.
(21) 2008000267	(71) EMD MILLIPORE CORPORATION
(21) 2008000283	(71) MILLIPORE (U.K.) LIMITED
(21) 2008001323	(71) CHEVRON JAPAN LTD.
(21) 2008001786	(71) VETCO GRAY INC.
(21) 2008001927	(71) DELL PRODUCTS L.P.
(21) 2008001935	(71) DELL PRODUCTS L.P.
(21) 2008004095	(71) HISPANO-SUIZA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2008004566	(71) STMICROELECTRONICS ASIA PACIFIC PTE LTD
(21) 2008005514	(71) HISPANO SUIZA
(21) 2008007031	(71) APPLIED MATERIALS, INC.
(21) 2008007924	(71) HISPANO SUIZA
(21) 2008007940	(71) HISPANO SUIZA
(21) 2008008088	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2008012270	(71) NATIONAL INSTITUTE FOR MATERIALS SCIENCE; INOUE MFG., INC.
(21) 2008016859	(71) SUMITOMO BAKELITE SINGAPORE PTE. LTD.
(21) 2008089633	(71) ACUSHOT INC.
(21) 2009006370	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 2009010299	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2009015694	(71) FURUKAWA-SKY ALUMINUM CORP.
(21) 2009028093	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2009028101	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2009030933	(71) KLA-TENCOR CORPORATION
(21) 2009031550	(71) UOP LLC
(21) 2009034448	(71) BIOFRONTERA BIOSCIENCE GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009035080	(71) MEIDENSHA CORPORATION
(21) 2009035379	(71) LOADTEST, INC
(21) 2009035999	(71) Evac Oy
(21) 2009036500	(71) ITEA S.P.A.
(21) 2009037219	(71) ALMIRALL, S.A.
(21) 2009037805	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2009038068	(71) IL YANG PHARMACEUTICAL COMPANY, LTD.
(21) 2009039017	(71) MITSUI CHEMICALS, INC.
(21) 2009039223	(71) LAM RESEARCH CORPORATION
(21) 2009039512	(71) VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT
(21) 2009039587	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2009039710	(71) QUALCOMM INCORPORATED
(21) 2009039793	(71) APPLIED ISOTOPE TECHNOLOGIES, INC.
(21) 2009040189	(71) QUALCOMM INCORPORATED
(21) 2009040619	(71) GAZTRANSPORT ET TECHNIGAZ
(21) 2009040635	(71) STONE & WEBSTER PROCESS TECHNOLOGY, INC.; EXXONMOBIL CHEMICAL PATENTS INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009040700	(71) ABB Schweiz AG
(21) 2009041062	(71) MICRON TECHNOLOGY, INC.
(21) 2009041773	(71) TRADING TECHNOLOGIES INTERNATIONAL, INC.
(21) 2009042136	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2009042599	(71) TYCO FIRE PRODUCTS LP
(21) 2009043050	(71) TiVo Solutions Inc.
(21) 2009043522	(71) LG CHEM, LTD.
(21) 2009043738	(71) INFINITY DISCOVERY, INC.; THE JOHNS HOPKINS UNIVERSITY
(21) 2009043746	(71) INFINITY DISCOVERY, INC.
(21) 2009043753	(71) NOKIA TECHNOLOGIES OY
(21) 2009043993	(71) CENTRO DE INMUNOLOGIA MOLECULAR
(21) 2009044256	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2009044306	(71) THE BOEING COMPANY
(21) 2009044587	(71) EDWARDS LIMITED
(21) 2009044801	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2009045071	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009045097	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2009045113	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2009045121	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2009045311	(71) ANJNI PHARMACEUTICAL CO., LTD.
(21) 2009045337	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2009045345	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2009045378	(71) GlaxoSmithKline Biologicals S.A.
(21) 2009045469	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2009045659	(71) Leibniz-Institut fr Virologie
(21) 2009045857	(71) NOKIA TECHNOLOGIES OY
(21) 2009046145	(71) Google Technology Holdings LLC
(21) 2009046681	(71) INSERM (INSTITUT NATIONAL DE LA SANT ET DE LA RECHERCHE MDICALE)
(21) 2009046830	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2009046954	(71) Socit des Produits Nestl S.A.
(21) 2009047556	(71) LAM RESEARCH CORPORATION
(21) 2009047630	(71) NTT DOCOMO, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009047705	(71) CAMERON TECHNOLOGIES LIMITED
(21) 2009048232	(71) PRIMOZONE PRODUCTION AB
(21) 2009049172	(71) MICRON TECHNOLOGY, INC.
(21) 2009049750	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 2009049933	(71) PERI SE
(21) 2009050303	(71) AICA KOGYO CO., LTD.
(21) 2009050311	(71) MJN U.S. HOLDINGS LLC
(21) 2009050329	(71) MJN U.S. HOLDINGS LLC
(21) 2009050550	(71) BECTON, DICKINSON AND COMPANY
(21) 2009050683	(71) JT CORPORATION
(21) 2009051095	(71) NOKIA TECHNOLOGIES OY
(21) 2009051129	(71) HOYA CORPORATION; HOYA GLASS DISK (THAILAND) LTD.
(21) 2009051301	(71) SHIN-ETSU HANDOTAI CO., LTD.
(21) 2009051475	(71) CYTEC TECHNOLOGY CORP.
(21) 2009052606	(71) SHIN-ETSU HANDOTAI CO., LTD.
(21) 2009052887	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2009054388	(71) SHIN-ETSU HANDOTAI CO., LTD.; FUJIKOSHI MACHINERY CORP.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2009054859	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 2009056359	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 2009058884	(71) SHIN-ETSU HANDOTAI CO., LTD.
(21) 2009061821	(71) PEPTRON CO., LTD
(21) 2009080144	(71) Optis Cellular Technology, LLC
(21) 2009085291	(71) KOREA INSTITUTE OF ENERGY RESEARCH; SK ENERGY CO., LTD.
(21) 2010009355	(71) PRIMOZONE PRODUCTION AB
(21) 2010009363	(71) PRIMOZONE PRODUCTION AB
(21) 2010034783	(71) CARRIER CORPORATION
(21) 2010034890	(71) MATSING PTE. LTD.
(21) 2010040384	(71) NOKIA TECHNOLOGIES OY
(21) 2010047777	(71) CARRIER CORPORATION
(21) 2010048569	(71) METAWATER CO., LTD.
(21) 2010056950	(71) Anticimex Innovation Center A/S
(21) 2010067353	(71) BADGER LICENSING LLC
(21) 2011087939	(71) NTT DOCOMO, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011093168	(71) LAM RESEARCH CORPORATION
(21) 2011094901	(71) NERVIANO MEDICAL SCIENCES S.R.L.
(21) 2011096641	(71) NTT DOCOMO, INC.
(21) 2012000758	(71) UNIVERSITY OF ZURICH
(21) 2012002168	(71) DROSSAPHARM AG
(21) 2012005948	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 2012005971	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 2012007282	(71) Merck Life Science AB
(21) 2012007787	(71) FONTANA TECHNOLOGY
(21) 2012009569	(71) GlaxoSmithKline Biologicals S.A.
(21) 2012015111	(71) PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
(21) 2012023222	(71) AMADEUS S.A.S.
(21) 2012054037	(71) GILEAD SCIENCES, INC.
(21) 2013004064	(71) NATCO PHARMA LIMITED
(21) 2013033055	(71) BlackBerry Limited
(21) 2013058664	(71) CAMERON TECHNOLOGIES LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2013069570	(71) GENERAL ELECTRIC COMPANY
18th Year	
(21) 10201404051P	(71) ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC.
(21) 10201500658Q	(71) ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC.
(21) 2006086086	(71) Marvell Asia Pte, Ltd.
(21) 2006087043	(71) ST Engineering Advanced Material Engineering Pte. Ltd.
(21) 2006088587	(71) ASML NETHERLANDS B.V.
(21) 2006090625	(71) Evac Oy
(21) 2006090732	(71) ASML NETHERLANDS B.V.
(21) 2006091060	(71) ST Engineering Advanced Material Engineering Pte. Ltd.
(21) 2007000110	(71) BlackBerry Limited
(21) 2007000458	(71) TELECHIPS INC.
(21) 2007001076	(71) DELL PRODUCTS L.P.
(21) 2007002223	(71) GENERAL ELECTRIC COMPANY
(21) 2007002249	(71) DELL PRODUCTS L.P.
(21) 2007002504	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2007002553	(71) TELECHIPS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2007002728	(71) EMD MILLIPORE CORPORATION
(21) 2007003312	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2007003874	(71) Hitachi Industrial Equipment Systems Co., Ltd.
(21) 2007005184	(71) EMD MILLIPORE CORPORATION
(21) 2007006455	(71) KABUSHIKI KAISHA PILOT CORPORATION (ALSO TRADING AS PILOT CORPORATION); The Pilot Ink Co., Ltd.
(21) 2007006562	(71) EMD MILLIPORE CORPORATION
(21) 2007006570	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2007007974	(71) RAM LIFTING TECHNOLOGIES PTE. LTD.
(21) 2007009533	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2007051998	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2008020364	(71) JANSSEN PHARMACEUTICA N.V.
(21) 2008030884	(71) UOP LLC
(21) 2008038614	(71) MICRON TECHNOLOGY, INC.
(21) 2008041899	(71) NOKIA TECHNOLOGIES OY
(21) 2008042186	(71) Microsoft Technology Licensing, LLC
(21) 2008042202	(71) Microsoft Technology Licensing, LLC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2008043184	(71) KIBO TECHNOLOGY FUND; INDUSTRY-ACADEMIC COOPERATION FUND YONSEI UNIVERSITY
(21) 2008043218	(71) JANSSEN PHARMACEUTICA, N.V.
(21) 2008043424	(71) GEBR. SCHMID GMBH + CO.; DR. DIRK HABERMANN
(21) 2008043879	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 2008044943	(71) EMD MILLIPORE CORPORATION
(21) 2008046724	(71) ALBEMARLE CORPORATION
(21) 2008046914	(71) I.S.T Corporation
(21) 2008047011	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2008047029	(71) THALESNANO ZRT.
(21) 2008047292	(71) FORSCHUNGSGEMEINSCHAFT DER DRK BLUTSPENDEDIENSTE E.V.; MACO PHARMA S.A.
(21) 2008047474	(71) ASTELLAS PHARMA INC.
(21) 2008047722	(71) CANON KABUSHIKI KAISHA
(21) 2008047755	(71) SP INDUSTRIES, INC.
(21) 2008047862	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2008047870	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2008047987	(71) ASAHI KASEI KABUSHIKI KAISHA

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2008048076	(71) BLUEWATER ENERGY SERVICES B.V.
(21) 2008048084	(71) MICRON TECHNOLOGY, INC.
(21) 2008048118	(71) ARES TRADING S.A.
(21) 2008048217	(71) SL AUDIO A/S
(21) 2008048407	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 2008048456	(71) OZMIZ PTY. LTD.
(21) 2008048639	(71) REGIFY AG
(21) 2008048753	(71) CANCER RESEARCH TECHNOLOGY LIMITED
(21) 2008048829	(71) ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC.
(21) 2008048852	(71) ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC.
(21) 2008049447	(71) NOKIA TECHNOLOGIES OY
(21) 2008049967	(71) Framatome GmbH
(21) 2008050064	(71) MICRON TECHNOLOGY, INC.
(21) 2008050320	(71) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
(21) 2008050437	(71) SP INDUSTRIES, INC.
(21) 2008051195	(71) MICRON TECHNOLOGY, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2008051849	(71) GENOMIC HEALTH, INC.; NSABP FOUNDATION, INC.
(21) 2008051989	(71) ROHM AND HAAS ELECTRONIC MATERIALS CMP HOLDINGS, INC.
(21) 2008052128	(71) ASAHI KASEI CHEMICALS CORPORATION
(21) 2008052201	(71) ACCENTURE GLOBAL SERVICES LIMITED
(21) 2008052276	(71) LAM RESEARCH CORPORATION
(21) 2008052482	(71) NOVARTIS AG
(21) 2008052904	(71) NOKIA TECHNOLOGIES OY
(21) 2008053365	(71) AMGEN INC.
(21) 2008053506	(71) NEURIM PHARMACEUTICALS (1991) LTD
(21) 2008055071	(71) NTT DOCOMO, INC.
(21) 2008055105	(71) NTT DOCOMO, INC.
(21) 2008055600	(71) Mobileum, Inc.
(21) 2008056749	(71) HEARTSEED INC.; DAIICHI SANKYO COMPANY, LIMITED
(21) 2008056939	(71) LANXESS DEUTSCHLAND GMBH
(21) 2008057135	(71) PEPTCELL LIMITED
(21) 2008057200	(71) CV THERAPEUTICS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2008061194	(71) Microsoft Technology Licensing, LLC
(21) 2008080160	(71) SK PLANET CO., LTD.
(21) 2008084790	(71) UCB PHARMA S.A.
(21) 2008086811	(71) KOJIMA CHEMICALS CO., LTD.
(21) 2009040106	(71) ASHIMORI INDUSTRY CO., LTD.; ASHIMORI ENGINEERING CO., LTD.
(21) 2009041302	(71) ITO EN, LTD.
(21) 2009043647	(71) NEC CORPORATION
(21) 2009044355	(71) MICRON TECHNOLOGY, INC.
(21) 2009046913	(71) RESEARCH IN MOTION LIMITED
(21) 2009049552	(71) GENERAL ELECTRIC COMPANY
(21) 2009050469	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2009052358	(71) RESEARCH IN MOTION LIMITED
(21) 2009078767	(71) EMD MILLIPORE CORPORATION
(21) 2009085341	(71) SK bioscience Co., Ltd.
(21) 2010055945	(71) GENOMIC HEALTH, INC.; NSABP FOUNDATION, INC.
(21) 2010089381	(71) LOADTEST, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010090793	(71) DNA GENOTEK INC.
(21) 2010094498	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2010095073	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2010095313	(71) DUN & BRADSTREET CORPORATION
(21) 2011000692	(71) CANON KABUSHIKI KAISHA
(21) 2011001187	(71) EVONIK OXENO GMBH & CO. KG
(21) 2011001534	(71) NOKIA TECHNOLOGIES OY
(21) 2011003118	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 2011003407	(71) EMD MILLIPORE CORPORATION
(21) 2011005279	(71) Resonac Corporation
(21) 2011005378	(71) ROGER KINGDON CRAIG; ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM
(21) 2011006582	(71) HEARTSEED INC.; DAIICHI SANKYO COMPANY, LIMITED
(21) 2011008612	(71) PEPTCELL LIMITED
(21) 2011011020	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA; F.HOFFMANN - LA ROCHE AG
(21) 2011011061	(71) POLA CHEMICAL INDUSTRIES INC.
(21) 2011015856	(71) JANSSEN SCIENCES IRELAND UC

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2011017068	(71) SEKISUI RIB LOC AUSTRALIA PTY LTD
(21) 2011022084	(71) ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC.
(21) 2011027349	(71) AMGEN INC.
(21) 2012081642	(71) VIAVI SOLUTIONS INC.
(21) 2012087987	(71) ROYALTY PHARMA COLLECTION TRUST
(21) 2013030960	(71) CANON KABUSHIKI KAISHA
(21) 2013052360	(71) CANON KABUSHIKI KAISHA
19th Year	
(21) 2005081906	(71) RESEARCH IN MOTION LIMITED
(21) 2005082110	(71) RESEARCH IN MOTION LIMITED
(21) 2005082474	(71) RESEARCH IN MOTION LIMITED
(21) 2005082508	(71) RESEARCH IN MOTION LIMITED
(21) 2005082839	(71) ASML NETHERLANDS B.V.
(21) 2005085485	(71) RESEARCH IN MOTION LIMITED
(21) 2006000160	(71) JOHN JULIAN HENRY
(21) 2006000178	(71) DELL PRODUCTS L.P.
(21) 2006000723	(71) RESEARCH IN MOTION LIMITED
(21) 2006001515	(71) RESEARCH IN MOTION LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2006001531	(71) RESEARCH IN MOTION LIMITED
(21) 2006001580	(71) DELL PRODUCTS L.P.
(21) 2006001952	(71) VETCO GRAY INC.
(21) 2006002380	(71) RESEARCH IN MOTION LIMITED
(21) 2006002430	(71) RAYTHEON TECHNOLOGIES CORPORATION
(21) 2006003040	(71) SNECMA SERVICES; SNECMA
(21) 2006003107	(71) RESEARCH IN MOTION LIMITED
(21) 2006003420	(71) GENERAL ELECTRIC COMPANY
(21) 2006003735	(71) APTINA IMAGING CORPORATION
(21) 2006003933	(71) TOKYO ELECTRON LIMITED
(21) 2006004493	(71) NATIONAL HEALTHCARE GROUP PTE LTD
(21) 2006005078	(71) DELL PRODUCTS L.P.
(21) 2006005128	(71) DELL PRODUCTS L.P.
(21) 2006005995	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2006006001	(71) CHEVRON ORONITE COMPANY LLC
(21) 2006008320	(71) PETROLIAM NASIONAL BERHAD
(21) 2006008346	(71) TOKYO ELECTRON LIMITED

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2006015481	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2006017321	(71) ASMPT Singapore Pte. Ltd.
(21) 2007007594	(71) TA-XAN AG
(21) 2007008543	(71) KULICKE AND SOFFA INDUSTRIES, INC.
(21) 2007031792	(71) Murata Manufacturing Co., Ltd.
(21) 2007031818	(71) Murata Manufacturing Co., Ltd.
(21) 2007032295	(71) VETCO GRAY SCANDINAVIA AS
(21) 2007040686	(71) KONINKLIJKE PHILIPS N.V.
(21) 2007041528	(71) F-star Therapeutics Limited
(21) 2007042005	(71) AMGEN INC.
(21) 2007043409	(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
(21) 2007044506	(71) THE GENERAL HOSPITAL CORPORATION
(21) 2007045057	(71) ACADEMIA SINICA
(21) 2007045701	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 2007045933	(71) AIR LIQUIDE ELECTRONICS SYSTEMS
(21) 2007046493	(71) MITSUI CHEMICALS, INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2007046618	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2007046717	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2007046725	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2007046857	(71) D-WAVE SYSTEM, INC.
(21) 2007047483	(71) HONEYWELL INTERNATIONAL INC.
(21) 2007047715	(71) EISAI R & D MANAGEMENT CO., LTD.
(21) 2007048069	(71) FMR LLC
(21) 2007048101	(71) EISAI R & D MANAGEMENT CO., LTD.
(21) 2007048283	(71) ATNX SPV, LLC
(21) 2007048754	(71) TAISHO PHARMACEUTICAL CO., LTD.
(21) 2007048838	(71) NESTE OIL OYJ
(21) 2007049588	(71) CIMA LABS INC.
(21) 2007049794	(71) BECTON, DICKINSON AND COMPANY
(21) 2007050073	(71) FUTURE FIBRE TECHNOLOGIES PTY LTD
(21) 2007050362	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.; PANASONIC CORPORATION
(21) 2007050859	(71) HARRIS STRATEX NETWORKS, INC.
(21) 2007051345	(71) ERS ELECTRONIC GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2007051378	(71) BASF AKTIENGESELLSCHAFT; THE DOW CHEMICAL COMPANY
(21) 2007052202	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2007052590	(71) HANMI SEMICONDUCTOR CO., LTD.
(21) 2007052905	(71) TECHNIP FRANCE
(21) 2007052921	(71) HACPPER ADVANTEC CORPORATION
(21) 2007053507	(71) NISSAN CHEMICAL INDUSTRIES, LTD.
(21) 2007053622	(71) THE GENERAL HOSPITAL CORPORATION; WYETH
(21) 2007054380	(71) GENENTECH, INC.
(21) 2007054711	(71) Swedish Orphan Biovitrum AG
(21) 2007054802	(71) EURO-CELTIQUE S.A.
(21) 2007057318	(71) CHEIL INDUSTRIES INC.; MEMC KOREA CO., LTD.
(21) 2007061278	(71) OHMEGA TECHNOLOGIES, INC.; Mitsui Mining & Smelting Co. Ltd.
(21) 2007061476	(71) Genemedicine Co., Ltd.,
(21) 2007062441	(71) COLORIGHT LTD
(21) 2007063811	(71) SEEGENE, INC.
(21) 2007064694	(71) Mobileum, Inc.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2007064736	(71) Mobileum, Inc.
(21) 2008015844	(71) ASAHI KASEI CHEMICALS CORPORATION
(21) 2008019929	(71) KOREA OCEAN RESEARCH AND DEVELOPMENT INSTITUTE
(21) 2008027310	(71) CHEIL INDUSTRIES INC.; SAMSUNG ELECTRONICS CO., LTD.
(21) 2008031148	(71) RESEARCH IN MOTION LIMITED
(21) 2008038242	(71) FRAUNHOFER-GESELLSCHAFT ZUR FRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(21) 2008049678	(71) JSP CORPORATION
(21) 2008051476	(71) THALES
(21) 2009043712	(71) MICRON TECHNOLOGY, INC.
(21) 2009084831	(71) MUSC FOUNDATION FOR RESEARCH DEVELOPMENT
(21) 2009087131	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2010001840	(71) Cephalon LLC
(21) 2010001998	(71) BIOGEN MA INC.
(21) 2010002004	(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA
(21) 2010004463	(71) ESMO TECHNOLOGIES PTE LTD
(21) 2010005312	(71) MOLECULAR IMPRINTS, INC.
(21) 2010006393	(71) BAYER INTELLECTUAL PROPERTY GMBH

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2010008019	(71) Firmenich Incorporated
(21) 2010010973	(71) DOW GLOBAL TECHNOLOGIES LLC
(21) 2010027449	(71) KELVIN HUGHES LIMITED
(21) 2012085601	(71) MEMJET TECHNOLOGY LIMITED
(21) 2013044599	(71) PER SONNE HOLM
(21) 2013049853	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2013070958	(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
20th Year	
(21) 2004073938	(71) ASML NETHERLANDS B.V.; ASML HOLDING N.V.
(21) 2004078390	(71) ST Engineering Advanced Networks & Sensors Pte. Ltd.
(21) 2004079141	(71) EDWARDS VACUUM LLC
(21) 2004079448	(71) Marvell Asia Pte, Ltd.
(21) 2005000559	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005001367	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2005001433	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2005001839	(71) LINTEC CORPORATION
(21) 2005002811	(71) TORAY ADVANCED MATERIALS KOREA INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2005002829	(71) BlackBerry Limited
(21) 2005003108	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005003116	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005004049	(71) GENERAL ELECTRIC COMPANY
(21) 2005004098	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005006416	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005006747	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005007182	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005007190	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005011770	(71) ASMPT Singapore Pte. Ltd.
(21) 2005011788	(71) ASMPT SINGAPORE PTE. LTD.
(21) 2005013628	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005013800	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005013834	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2005016118	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005017850	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005018080	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005018098	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005018635	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005018650	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005019930	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005024393	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2005028923	(71) MMI PRECISION FORMING PTE. LTD.
(21) 2005072939	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2005083985	(71) RESEARCH AFFILIATES, LLC
(21) 2006032775	(71) INTEL CORPORATION
(21) 2006034912	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2006034920	(71) EXXONMOBIL CHEMICAL PATENTS INC.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2006034946	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2006035547	(71) SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD
(21) 2006038665	(71) TiVo Solutions Inc.
(21) 2006039903	(71) DEUTSCHE LUFTHANSA AG
(21) 2006040273	(71) ADAPTIVE PLASMA TECHNOLOGY CORPORATION
(21) 2006040281	(71) ADAPTIVE PLASMA TECHNOLOGY CORPORATION
(21) 2006040299	(71) ADAPTIVE PLASMA TECHNOLOGY CORPORATION
(21) 2006040752	(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2006041271	(71) TiVo Solutions Inc.
(21) 2006042790	(71) EISAI R&D MANAGEMENT CO., LTD.
(21) 2006043293	(71) CMC Materials LLC
(21) 2006044069	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2006045041	(71) MICRON TECHNOLOGY, INC.
(21) 2006045231	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 2006045405	(71) PFIZER INC.; AMGEN FREMONT INC.
(21) 2006045454	(71) XOMA TECHNOLOGY LTD.; NOVARTIS VACCINES & DIAGNOSTICS, INC.
(21) 2006045496	(71) SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2006045983	(71) NIPPON SODA CO., LTD.
(21) 2006046619	(71) RESEARCH IN MOTION LIMITED
(21) 2006046759	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 2006047583	(71) PEM MANAGEMENT, INC.
(21) 2006047807	(71) BLOOMBERG FINANCE L.P.
(21) 2006047823	(71) ARES TRADING S.A.
(21) 2006048011	(71) JANSSEN PHARMACEUTICA N.V.
(21) 2006048235	(71) SONY CORPORATION
(21) 2006048755	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2006048995	(71) CIBA HOLDING INC.
(21) 2006049076	(71) BEYONDSRING PHARMACEUTICALS, INC.
(21) 2006050678	(71) F.F. Seeley Nominees Pty. Ltd.
(21) 2006051601	(71) RESEARCH AFFILIATES, LLC
(21) 2006051775	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 2006053409	(71) CAMERON SYSTEMS (IRELAND) LIMITED
(21) 2006053896	(71) UNIVATION TECHNOLOGIES, LLC
(21) 2006054928	(71) NIHON TRIM CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

(21) 2006055735	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 2006055966	(71) TOYO BEAUTY CO., LTD.; SUGAI CHEMICAL INDUSTRY CO., LTD.
(21) 2006056238	(71) JX NIPPON MINING & METALS CORPORATION
(21) 2006057616	(71) Baker Hughes Oilfield Operations, LLC
(21) 2006066740	(71) TVL LP
(21) 2006077515	(71) KULICKE & SOFFA DIE BONDING GMBH
(21) 2006080089	(71) CHANGSHU TIANYIN ELECTROMECHANICAL CO., LTD.
(21) 2007049547	(71) INDIGNE, MARK
(21) 2007051220	(71) DELL PRODUCTS L.P.
(21) 2007065253	(71) ASMPT Singapore Pte. Ltd.
(21) 2008096877	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2009003807	(71) MEMJET TECHNOLOGY LIMITED
(21) 2009019365	(71) DUN AND BRADSTREET, INC
(21) 2009053067	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2009074683	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.

PATENTS RENEWED UNDER SECTION 36 - cont'd

- | | |
|-----------------|---|
| (21) 2010006567 | (71) Gemalto AG |
| (21) 2011046141 | (71) INDENA S.P.A. |
| (21) 2012085742 | (71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. |

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES

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(21) 10201403100Q	(71) SINGAPORE POLYTECHNIC
(21) 10201403573S	(71) KONE CORPORATION
(21) 10201403672Y	(71) KONE CORPORATION
(21) 10201404955R	(71) ARROWHEAD RESEARCH CORPORATION
(21) 10201503032U	(71) Alfasigma S.p.A.
(21) 10201503599W	(71) NATIONAL UNIVERSITY OF SINGAPORE
(21) 10201504297V	(71) RIGEL TECHNOLOGY (S) PTE LTD
(21) 10201504338S	(71) TOYOTA JIDOSHA KABUSHIKI KAISHA
(21) 10201504725X	(71) EMS-PATENT AG
(21) 10201504806Y	(71) Sosrobahu 2 Pte. Ltd.
(21) 10201508351W	(71) Unisantis Electronics Singapore Pte. Ltd.
(21) 10201510696R	(71) CELGENE CAR LLC
(21) 10201604455U	(71) LUK SING TAN ANDY
(21) 10201604766S	(71) WiTrins s.r.o
(21) 10201604897X	(71) Berry Plastics Corporation
(21) 10201605080V	(71) Santen Pharmaceutical Co., Ltd.
(21) 10201605323S	(71) BERLIN-CHEMIE AG

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 10201607825X	(71) TAIGA BIOTECHNOLOGIES, INC.
(21) 10201609515R	(71) Almirall, S.A.
(21) 10201704556R	(71) PHOTOVOLTAIC FOUNDRY PTE. LTD.; LIONG HANG CEK; JEEVAN SIVARAMAN; LOH WENG KEE; ZHANG BO; GANG SHI
(21) 10201704816R	(71) Evonik Operations GmbH
(21) 10201704817P	(71) Evonik Operations GmbH
(21) 10201704818Q	(71) Evonik Operations GmbH
(21) 10201705352T	(71) TOYOTA JIDOSHA KABUSHIKI KAISHA
(21) 10201710324W	(71) FUJIFILM Corporation
(21) 10201804882R	(71) Nikka Seiko Co., Ltd.
(21) 10201805540X	(71) Continuous Composites Inc.
(21) 10201805658Q	(71) Innovative Tool Technology Pte Ltd
(21) 10201901035W	(71) WEARATEC LLC
(21) 10201905149Y	(71) Central South University of Forestry and Technology
(21) 10201905491T	(71) Ninebot (Beijing) Tech Co., Ltd.
(21) 10201905598S	(71) Ninebot (Beijing) Tech Co., Ltd.
(21) 10202000890R	(71) WAYMO LLC

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201400780Y	(71) LIU, Jun
(21) 11201404593S	(71) Kabushiki Kaisha Toshiba
(21) 11201406021P	(71) BIOTRONIK AG
(21) 11201406024Q	(71) BIOTRONIK AG
(21) 11201406026T	(71) BIOTRONIK AG
(21) 11201406281X	(71) POLITECHNIKA WARSZAWSKA; MACULEWICZ Slawomir Andrzej
(21) 11201407117T	(71) SEWON CELLONTECH CO., LTD.
(21) 11201407441P	(71) KONE CORPORATION
(21) 11201407468W	(71) SAUDI ARABIAN OIL COMPANY
(21) 11201407654P	(71) TENDYRON CORPORATION
(21) 11201407767P	(71) TENDYRON CORPORATION
(21) 11201407838Y	(71) TENDYRON CORPORATION
(21) 11201408005V	(71) TENDYRON CORPORATION
(21) 11201408023Q	(71) TENDYRON CORPORATION
(21) 11201408081X	(71) TENDYRON CORPORATION
(21) 11201408116V	(71) TENDYRON CORPORATION
(21) 11201408178T	(71) SUNOVION PHARMACEUTICALS INC.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201408180W	(71) FUJIKIN INCORPORATED
(21) 11201408190X	(71) TENDYRON CORPORATION
(21) 11201408192T	(71) TENDYRON CORPORATION
(21) 11201408255Y	(71) ARLANXEO DEUTSCHLAND GMBH
(21) 11201408309R	(71) WEXLER, Toby, J.
(21) 11201408319V	(71) BAKER HUGHES INCORPORATED
(21) 11201408406Q	(71) STYROLUTION EUROPE GMBH
(21) 11201408465R	(71) MARIOFF CORPORATION OY
(21) 11201408576Q	(71) LONZA BIOLOGICS PLC; PFIZER INC.
(21) 11201408603R	(71) Evonik Degussa GmbH
(21) 11201408663P	(71) VODOKE ASIA PACIFIC LIMITED
(21) 11201408672R	(71) PPG INDUSTRIES OHIO, INC.
(21) 11201408704W	(71) H. LUNDBECK A/S
(21) 11201408729Y	(71) NANJING CHINA-SPACENET SATELLITE TELECOM CO., LTD.
(21) 11201408764R	(71) TENDYRON CORPORATION
(21) 11201408773Q	(71) Leica Microsystems CMS GmbH

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201408828T	(71) BRIDGESTONE CORPORATION
(21) 11201500003Q	(71) CREO MEDICAL LIMITED
(21) 11201500874V	(71) TENDYRON CORPORATION
(21) 11201500939Q	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 11201503376T	(71) MURATA MACHINERY, LTD.
(21) 11201509664Y	(71) KAO CORPORATION
(21) 11201509725W	(71) PICOSUN OY
(21) 11201509807Y	(71) BETWEEN THE FLAGS (AUST) PTY LTD
(21) 11201509843X	(71) KONE CORPORATION
(21) 11201509905P	(71) EMBRACE CO., LTD.
(21) 11201509938Y	(71) JANSSEN PHARMACEUTICA NV
(21) 11201509941Y	(71) CILAG GMBH INTERNATIONAL
(21) 11201510049X	(71) VOID TECHNOLOGIES LIMITED
(21) 11201510167U	(71) CILAG GMBH INTERNATIONAL
(21) 11201510318W	(71) COVESTRO DEUTSCHLAND AG
(21) 11201510472Y	(71) RICOH COMPANY, LIMITED
(21) 11201510494P	(71) SUVIRI, Thierry; PUT, Christophe

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201510585R	(71) CREO MEDICAL LIMITED
(21) 11201510634R	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201510637U	(71) JANSSEN SCIENCES IRELAND UC
(21) 11201510673W	(71) GENES'INK SA
(21) 11201601443P	(71) CITY OF HOPE
(21) 11201605985P	(71) DIRTT Environmental Solutions, Ltd
(21) 11201606049U	(71) DIRTT Environmental Solutions, Ltd
(21) 11201607561T	(71) DIRTT Environmental Solutions, Ltd
(21) 11201608420U	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201608425R	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201608441Y	(71) TAIHO PHARMACEUTICAL CO., LTD.
(21) 11201609160Y	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201609270X	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 11201609504Y	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201609623V	(71) VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE; NAFIGATE CORPORATION, A. S.
(21) 11201609795P	(71) DIRTT Environmental Solutions, Ltd

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201609822V	(71) CAMERON TECHNOLOGIES LIMITED
(21) 11201610151S	(71) DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
(21) 11201610204T	(71) KAO CORPORATION
(21) 11201610213S	(71) FINA TECHNOLOGY, INC.
(21) 11201610430Q	(71) GENEWEAVE BIOSCIENCES, INC.
(21) 11201610446X	(71) JANSSEN VACCINES & PREVENTION B.V.
(21) 11201610459X	(71) JANSSEN VACCINES & PREVENTION B.V.
(21) 11201610610Y	(71) MEMORIAL SLOAN-KETTERING CANCER CENTER
(21) 11201610636V	(71) CTC BIO, INC.
(21) 11201610637W	(71) COVESTRO DEUTSCHLAND AG
(21) 11201610710R	(71) WEARATEC LLC
(21) 11201610740Q	(71) F. HOFFMANN-LA ROCHE AG
(21) 11201610764X	(71) GLIDEROL DOORS (S) PTE. LTD.
(21) 11201610789S	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201610862V	(71) C2N DIAGNOSTICS LLC
(21) 11201610893W	(71) TOKYO ELECTRON LIMITED
(21) 11201610975R	(71) CELGENE QUANTICEL RESEARCH, INC.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201700705Q	(71) JEAN-TIEN
(21) 11201701418R	(71) SHIN-ETSU CHEMICAL CO.,LTD.
(21) 11201701788Y	(71) THE UNIVERSITY OF TOKYO; TOHOKU UNIVERSITY
(21) 11201703652V	(71) RENGO CO., LTD.
(21) 11201709091X	(71) DEBIOPHARM INTERNATIONAL, S.A.
(21) 11201709292T	(71) AAK AB (publ)
(21) 11201709575R	(71) KAO CORPORATION
(21) 11201709704Y	(71) INTRAVITAL PTY LTD
(21) 11201709814P	(71) CREO MEDICAL LIMITED
(21) 11201709817Y	(71) WORLDVU SATELLITES LIMITED
(21) 11201709876Q	(71) MEDIATEK INC.
(21) 11201709909W	(71) LEAD PHARMA HOLDING B.V.; SANOFI
(21) 11201709963S	(71) SUGAWARA, Sakura
(21) 11201709985R	(71) NOVOPYXIS, INC.
(21) 11201709994Y	(71) CHANG GUNG MEDICAL FOUNDATION KEELUNG CHANG GUNG MEMORIAL HOSPITAL
(21) 11201710010W	(71) HOGY MEDICAL CO., LTD.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201710040P	(71) DIVERGENT TECHNOLOGIES, INC.
(21) 11201710053S	(71) J.E.T. CO., LTD.
(21) 11201710066Y	(71) PPG INDUSTRIES OHIO, INC.
(21) 11201710114X	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 11201710139T	(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 11201710211W	(71) MEMORIAL SLOAN KETTERING CANCER CENTER; EUREKA THERAPEUTICS, INC.
(21) 11201710230X	(71) ARTSBRAINS. CO. LTD.
(21) 11201710294X	(71) MARINE ALUMINIUM AS
(21) 11201710329T	(71) J.E.T. CO., LTD.
(21) 11201710345V	(71) ASTELLAS PHARMA INC.
(21) 11201710569Y	(71) RIKEN
(21) 11201710605V	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201710606R	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 11201710729Q	(71) WORLDVU SATELLITES LIMITED
(21) 11201710802U	(71) Merck Sharp & Dohme LLC
(21) 11201710826R	(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD
(21) 11201800059Y	(71) Henkel AG & Co. KGaA

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201800061S	(71) Henkel AG & Co. KGaA
(21) 11201802411X	(71) HITACHI, LTD.
(21) 11201802951Y	(71) AAK AB (publ)
(21) 11201809346T	(71) LION CORPORATION
(21) 11201809559U	(71) GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED; CANCER RESEARCH TECHNOLOGY LTD.
(21) 11201809810S	(71) DAVID STUCKEY INVESTMENTS PTY LTD
(21) 11201810385T	(71) CREO MEDICAL LIMITED
(21) 11201810414R	(71) TAPPLOCK CORPORATION
(21) 11201810445T	(71) NITTO DENKO CORPORATION
(21) 11201810549T	(71) JANSSEN VACCINES & PREVENTION B.V.
(21) 11201810618Q	(71) DURECT CORPORATION; SANTEN PHARMACEUTICAL CO., LTD.
(21) 11201810626Y	(71) DIVERGENT TECHNOLOGIES, INC.
(21) 11201810778Y	(71) CARMEUSE LIME, INC.
(21) 11201810853U	(71) PELICAN THERAPEUTICS, INC.
(21) 11201810958U	(71) GOLDEN RENEWABLE ENERGY, LLC

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201810996U	(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
(21) 11201810998W	(71) CODEXIS, INC.
(21) 11201811024S	(71) TRINITY BAY EQUIPMENT HOLDINGS, LLC
(21) 11201811117Y	(71) NITTO DENKO CORPORATION
(21) 11201811140U	(71) TOBIRA THERAPEUTICS, INC.
(21) 11201811197U	(71) GOLDEN RENEWABLE ENERGY
(21) 11201811212S	(71) TRINSEO EUROPE GMBH
(21) 11201811215Q	(71) WAYMO LLC
(21) 11201811307S	(71) Uponor Oyj
(21) 11201811330W	(71) IMPERIAL COLLEGE INNOVATIONS LIMITED
(21) 11201811561P	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201811680V	(71) INDENA S.P.A.
(21) 11201811723Q	(71) BRIGHTER AB (PUBL)
(21) 11201900142X	(71) CAMPBELL, Richard, V.
(21) 11201901257V	(71) BYOTROL PLC
(21) 11201901363X	(71) KAO CORPORATION
(21) 11201901438V	(71) TOBIRA THERAPEUTICS, INC.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11201902026U	(71) femtos GmbH
(21) 11201905414Q	(71) LONGVALE LTD
(21) 11201907512P	(71) ONE CONNECT SMART TECHNOLOGY CO., LTD. (SHENZHEN); ONECONNECT FINANCIAL TECHNOLOGY (SINGAPORE) CO. PTE. LTD.
(21) 11201909781R	(71) KAO CORPORATION
(21) 11201909791X	(71) CREO MEDICAL LIMITED
(21) 11201910423Q	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 11201910858U	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201910935Y	(71) KYOCERA AVX COMPONENTS CORPORATION
(21) 11201910943Q	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201911068Q	(71) AGOG HOLDINGS PTE LIMITED
(21) 11201912058P	(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 11201912356U	(71) WAYMO LLC
(21) 11201912665R	(71) WAYMO LLC
(21) 11202000827V	(71) WAYMO LLC
(21) 11202006081V	(71) MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 11202006620U	(71) TECHNOLOGIES' XANADU OF RESONATORY-SOLAR-SYSTEMED CO., LTD.
(21) 11202011143R	(71) ALFA LAVAL CORPORATE AB
(21) 11202012626Y	(71) VIVIWARE JAPAN, Inc
(21) 2004031076	(71) I.P. HUSE AS
(21) 2004062964	(71) RISHO KOGYO CO., LTD.
(21) 2005039417	(71) WINNER MEDICAL (HUANGGANG) CO., LTD.
(21) 2005072467	(71) RICOH COMPANY, LTD.
(21) 2005074935	(71) DST DEFENCE SERVICE TRACKS GMBH
(21) 2005076112	(71) MEREIO BIOPHARMA 1 LIMITED
(21) 2005077987	(71) ASEPTICA, INC.
(21) 2005078589	(71) ORGANO CORPORATION
(21) 2005079264	(71) MICRON TECHNOLOGY, INC.
(21) 2005081476	(71) NXP B.V.
(21) 2005083886	(71) LAM RESEARCH CORPORATION
(21) 2006000889	(71) ARLANXEO NETHERLANDS B.V.
(21) 2006003446	(71) LAM RESEARCH CORPORATION

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2006085724	(71) NOVARTIS AG
(21) 2006086151	(71) CHEVRON PHILLIPS CHEMICAL COMPANY, LP
(21) 2006091342	(71) MITSUI CHEMICALS, INC.
(21) 2007027204	(71) SHARP KABUSHIKI KAISHA
(21) 2007181233	(71) ESBATECH AG
(21) 2007182553	(71) RIGEL PHARMACEUTICALS, INC.
(21) 2007187693	(71) ITT MANUFACTURING ENTERPRISES INC
(21) 2008000580	(71) LINTEC CORPORATION
(21) 2008003485	(71) EDWARDS VACUUM LLC
(21) 2008039414	(71) DOW TECHNOLOGY INVESTMENTS LLC
(21) 2008046377	(71) IIA TECHNOLOGIES PTE. LTD.; INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
(21) 2008087652	(71) JANSSEN SCIENCES IRELAND UC
(21) 2008090870	(71) ONCOTHERAPY SCIENCE, INC.
(21) 2008091522	(71) THE JACKSON LABORATORY
(21) 2008092389	(71) CANON KABUSHIKI KAISHA
(21) 2008093007	(71) TORAY INDUSTRIES, INC.
(21) 2008094161	(71) GENFIT

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2008095416	(71) LAM RESEARCH CORPORATION
(21) 2009000829	(71) CREATIVE TECHNOLOGY LTD
(21) 2009044173	(71) TRUSTED SERVICES PTE. LTD.
(21) 2009076571	(71) QUALCOMM INCORPORATED
(21) 2009080292	(71) TORRENT PHARMACEUTICALS LTD.
(21) 2009081118	(71) HIGHER DIMENSION MATERIALS, INC.
(21) 2009081548	(71) CRUCCELL SWITZERLAND AG
(21) 2009082132	(71) CREATIVE TECHNOLOGY LTD
(21) 2009082231	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2009083890	(71) GLYTECH INC.
(21) 2009084989	(71) INTERNATIONAL CARDIO CORPORATION
(21) 2010010544	(71) FUJI OIL COMPANY, LIMITED
(21) 2010044725	(71) Microsoft Technology Licensing, LLC
(21) 2010079895	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 2010084556	(71) CTL-TH PACKAGING, S.L. UNIPERSONAL
(21) 2010084804	(71) CREATIVE TECHNOLOGY LTD
(21) 2010089746	(71) RICOH COMPANY, LTD.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2010090520	(71) GLYTECH INC.
(21) 2010092203	(71) BeMicron SA
(21) 2010093599	(71) CILAG GMBH INTERNATIONAL
(21) 2010093615	(71) CILAG GMBH INTERNATIONAL
(21) 2010093623	(71) CILAG GMBH INTERNATIONAL
(21) 2010093631	(71) CILAG GMBH INTERNATIONAL
(21) 2010095792	(71) CELGENE CAR LLC
(21) 2010097129	(71) HAPPY CO., LTD.
(21) 2011003142	(71) OXEA GMBH
(21) 2011007960	(71) METACO INC.
(21) 2011010840	(71) ARROWHEAD RESEARCH CORPORATION
(21) 2011030814	(71) HOYA CORPORATION
(21) 2011046810	(71) LIGHT SCIENCES ONCOLOGY, INC.
(21) 2011048014	(71) BETH-EL ZIKHRON YA'AKOV INDUSTRIES LTD.
(21) 2011087483	(71) TECHNISCHE UNIVERSITEIT DELFT
(21) 2011088929	(71) BOBBAWOBBA LIMITED
(21) 2011089158	(71) GLYTECH INC.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2011089877	(71) INFINEUM INTERNATIONAL LIMITED
(21) 2011091154	(71) Baker Hughes Oilfield Operations, LLC
(21) 2011092434	(71) BASF SE
(21) 2011093697	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2011093705	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2011093713	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2011093739	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2011094299	(71) COHDA WIRELESS PTY LTD
(21) 2011095056	(71) ASAHI KASEI CHEMICALS CORPORATION
(21) 2011096112	(71) LYONDELL CHEMICAL TECHNOLOGY, L.P.
(21) 2011096500	(71) EMD MILLIPORE CORPORATION
(21) 2011097268	(71) Evonik Operations GmbH
(21) 2012040267	(71) CVie Therapeutics Limited
(21) 2012040713	(71) ASSA ABLOY AUSTRALIA PTY LIMITED
(21) 2012046462	(71) WOHA PTE. LTD.
(21) 2012048054	(71) LEE, JEONG GAB
(21) 2012048369	(71) PSK INC.

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2012060612	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2012081485	(71) NATIONZ TECHNOLOGIES INC.
(21) 2012083317	(71) MannKind Corporation
(21) 2012084927	(71) JANSSEN PHARMACEUTICA NV
(21) 2012085098	(71) HANMI SCIENCE CO., LTD
(21) 2012085569	(71) TRANSOCEAN SEDCO FOREX VENTURES LIMITED
(21) 2012086138	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 2012087680	(71) SIEM WIS AS
(21) 2012088423	(71) CORDIS CORPORATION
(21) 2012089033	(71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 2012089322	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2012089355	(71) NAUTILUS MINERALS PACIFIC PTY LTD; EDA KOPA (SOLWARA) LIMITED
(21) 2012090130	(71) CENTRAL GLASS COMPANY, LIMITED
(21) 2012090445	(71) SHIN-ETSU CHEMICAL CO., LTD.
(21) 2012090502	(71) MMV Medicines for Malaria Venture
(21) 2012093514	(71) COHDA WIRELESS PTY LTD

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2012093829	(71) JX NIPPON OIL & ENERGY CORPORATION; JGC CATALYSTS AND CHEMICALS LTD.
(21) 2012094231	(71) MITSUI CHEMICALS, INC.
(21) 2013004106	(71) THE COCA-COLA COMPANY
(21) 2013045380	(71) INFINEUM INTERNATIONAL LIMITED
(21) 2013046214	(71) HAWA AG
(21) 2013046305	(71) CILAG GMBH INTERNATIONAL
(21) 2013047253	(71) BAYER MATERIALSCIENCE AG
(21) 2013047410	(71) GOI LAI HUAT
(21) 2013082573	(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(21) 2013088604	(71) ARKEMA FRANCE
(21) 2013090246	(71) LIGHT ENGINE LIMITED
(21) 2013090840	(71) UNISANTIS ELECTRONICS SINGAPORE PTE. LTD.
(21) 2013092150	(71) Vesta Solutions, Inc.
(21) 2013092622	(71) KURARAY CO., LTD.
(21) 2013092663	(71) TENDYRON CORPORATION
(21) 2013092671	(71) TENDYRON CORPORATION
(21) 2013092689	(71) TENDYRON CORPORATION

PATENTS CEASED THROUGH NON-PAYMENT OF RENEWAL FEES - cont'd

(21) 2013092713	(71) TENDYRON CORPORATION
(21) 2013093125	(71) MICRON TECHNOLOGY, INC.
(21) 2013094362	(71) KAO CORPORATION
(21) 2013094677	(71) MITSUBISHI MATERIALS CORPORATION
(21) 2013095450	(71) BERLIN-CHEMIE AG
(21) 2013095732	(71) LG FUEL CELL SYSTEMS INC.
(21) 2013095765	(71) LG FUEL CELL SYSTEMS INC.
(21) 2013095781	(71) LG FUEL CELL SYSTEMS INC.
(21) 2013096557	(71) MICRON TECHNOLOGY, INC.
(21) 2014002273	(71) BERRY PLASTICS CORPORATION
(21) 2014004949	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2014009013	(71) BRUBACHER, JOHN, MILES
(21) 2014009542	(71) HITACHI SYSTEMS, LTD.
(21) 2014009567	(71) HITACHI SYSTEMS, LTD.
(21) 2014013825	(71) BERRY PLASTICS CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

PATENTS CEASED AFTER THE TERM OF THE PATENT

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(21) 10201402125X	(71) Entegris, Inc.
(21) 10201604686P	(71) ENTEGRIS, INC.
(21) 2003070018	(71) NISSIN ELECTRIC CO., LTD.
(21) 2003070026	(71) TADAHIRO OHMI
(21) 2003070059	(71) GENERAL ELECTRIC COMPANY
(21) 2003070067	(71) GENERAL ELECTRIC COMPANY
(21) 2003070943	(71) ASML NETHERLANDS B.V.
(21) 2003070950	(71) AIR PRODUCTS AND CHEMICALS, INC.
(21) 2003070976	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003070984	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003071321	(71) SONY CORPORATION
(21) 2003071412	(71) FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD; MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(21) 2003071461	(71) ASML NETHERLANDS B.V.
(21) 2003071867	(71) SANKI ENGINEERING CO., LTD.
(21) 2003071941	(71) INTELLIGENT DESIGN LIMITED
(21) 2003071958	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003071966	(71) GENERAL ELECTRIC COMPANY
(21) 2003071974	(71) SUMITOMO BAKELITE SINGAPORE PTE LTD
(21) 2003071990	(71) ETA SA MANUFACTURE HORLOGERE SUISSE
(21) 2003072006	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; PHOTONICS CONCEPTS PTE LTD
(21) 2003072014	(71) NTT DOCOMO, INC.
(21) 2003072022	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003072030	(71) NANYANG POLYTECHNIC
(21) 2003072048	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003072055	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003072063	(71) ST Engineering Marine Ltd.
(21) 2003072204	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003072212	(71) VISUAL SYSTEMS, INC.
(21) 2003072238	(71) ASML HOLDING N.V.
(21) 2003072246	(71) EZLIX TECHNOLOGY INC.
(21) 2003072253	(71) NANYANG POLYTECHNIC

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003072261	(71) ASML NETHERLANDS B.V.
(21) 2003072279	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003072295	(71) NTT DOCOMO, INC.
(21) 2003072303	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003073376	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(21) 2003074085	(71) TSENG, HSIN-TUNG
(21) 2003074093	(71) THE BOC GROUP, INC.
(21) 2003074119	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2003074135	(71) SHARP KABUSHIKI KAISHA
(21) 2003074218	(71) KURARAY CO., LTD.
(21) 2003074226	(71) MACROTECH POLYSEAL, INC.
(21) 2003074234	(71) KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(21) 2003074242	(71) INTEL CORPORATION
(21) 2003074705	(71) GENERAL ELECTRIC COMPANY
(21) 2003074713	(71) AJINOMOTO CO., INC.
(21) 2003074721	(71) GEZE GMBH

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003074762	(71) ST Engineering Marine Ltd.
(21) 2003074770	(71) SONY CORPORATION
(21) 2003074788	(71) SONY CORPORATION
(21) 2003074796	(71) INVENTIO AG
(21) 2003074812	(71) ASML NETHERLANDS B.V.
(21) 2003074820	(71) GENERAL ELECTRIC COMPANY
(21) 2003074838	(71) ASML NETHERLANDS B.V.
(21) 2003074853	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003074861	(71) ASML HOLDING N.V.
(21) 2003074879	(71) DR TAY KIANG MENG; FRONTKEN (SINGAPORE) PTE LTD
(21) 2003074887	(71) ASML HOLDING N.V.
(21) 2003074895	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003074929	(71) TOSOH CORPORATION
(21) 2003074937	(71) MOLEX INCORPORATED
(21) 2003074960	(71) SENJU METAL INDUSTRY CO., LTD.
(21) 2003074978	(71) ASML NETHERLANDS B.V.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003074986	(71) ST ELECTRONICS (SATCOM & SENSOR SYSTEMS) PTE. LTD.
(21) 2003074994	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003075298	(71) FUJI ELECTRIC CO., LTD.
(21) 2003075306	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2003075348	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(21) 2003075447	(71) SCHLUMBERGER HOLDINGS LIMITED
(21) 2003075470	(71) GEM TERMINAL IND. CO., LTD.
(21) 2003075488	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2003075496	(71) SANYO ELECTRIC CO., LTD.
(21) 2003075504	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003075520	(71) DINKUM TECHNOLOGY PTE LTD
(21) 2003075538	(71) SIEMENS TRANSPORTATION SYSTEMS
(21) 2003075546	(71) ASML NETHERLANDS B.V.
(21) 2003075553	(71) ASML NETHERLANDS B.V.
(21) 2003075561	(71) ASML NETHERLANDS B.V.
(21) 2003075579	(71) ASML NETHERLANDS B.V.
(21) 2003075587	(71) ASML NETHERLANDS B.V.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003075595	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003076221	(71) SHIMANO INC.
(21) 2003076254	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(21) 2003076262	(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(21) 2003076387	(71) KABUSHIKI KAISHA TOSHIBA
(21) 2003076411	(71) LIFESCAN, INC.
(21) 2003076429	(71) UNIVERSAL WELLNESS PTE. LTD.
(21) 2003076437	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2003076452	(71) DISCO CORPORATION
(21) 2003076460	(71) ASML NETHERLANDS B.V.; CARL ZEISS SMT AG
(21) 2003076478	(71) FUJI ELECTRIC CO., LTD.
(21) 2003076486	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2003076502	(71) VETCO GRAY INC.
(21) 2003076544	(71) EVONIK DEGUSSA GMBH
(21) 2003076577	(71) SEAGATE TECHNOLOGY LLC

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003076718	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2003077237	(71) ASML NETHERLANDS B.V.
(21) 2003077245	(71) ASML NETHERLANDS B.V.
(21) 2003077252	(71) ASML NETHERLANDS B.V.
(21) 2003077260	(71) ASML NETHERLANDS B.V.
(21) 2003077278	(71) ASML NETHERLANDS B.V.
(21) 2003077286	(71) MOLEX INCORPORATED
(21) 2003077294	(71) NANYANG POLYTECHNIC
(21) 2003077302	(71) HITACHI, LTD.
(21) 2003077310	(71) SPLICE SLEEVE JAPAN, LTD.; KYOKUTO KOWA CORPORATION
(21) 2003077328	(71) ASML NETHERLANDS B.V.
(21) 2003077336	(71) MITSUBOSHI BELTING LTD.
(21) 2003077344	(71) GENERAL ELECTRIC COMPANY
(21) 2003077369	(71) NANYANG TECHNOLOGICAL UNIVERSITY
(21) 2003077377	(71) SINGAPORE TECHNOLOGIES DYNAMICS PTE LTD
(21) 2003077393	(71) ST ENGINEERING LAND SYSTEMS LTD.
(21) 2003077401	(71) GENERAL ELECTRIC COMPANY

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003077674	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2003077690	(71) NANYANG POLYTECHNIC
(21) 2003077724	(71) SAFARI LAND LTD, INC.
(21) 2003078060	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2003078086	(71) GLOBALFOUNDRIES Singapore Pte. Ltd.
(21) 2003078292	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 2003078334	(71) LINTEC CORPORATION
(21) 2003078359	(71) MIT SEMICONDUCTOR (TIAN JIN) CO.,LTD
(21) 2003078367	(71) TDK CORPORATION
(21) 2003078375	(71) MEGATECH SCIENTIFIC PTE LTD
(21) 2003078383	(71) ST ENGINEERING LAND SYSTEMS LTD.
(21) 2003078409	(71) TOKYO ELECTRON LIMITED
(21) 2003078417	(71) THE BOC GROUP, INC.
(21) 2003078664	(71) GLOBALFOUNDRIES Singapore Pte. Ltd.
(21) 2003078680	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2003078813	(71) KABUSHIKI KAISHA TOSHIBA

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2003078912	(71) SONY CORPORATION
(21) 2003078920	(71) Infineon Technologies AG
(21) 2003079183	(71) SHIMANO INC.
(21) 2004010401	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2004045928	(71) TAISHO PHARMACEUTICAL CO., LTD.
(21) 2004048070	(71) CAMBRIDGE FILTER CORPORATION
(21) 2004051629	(71) SONY CORPORATION
(21) 2004056339	(71) SHIN-ETSU QUARTZ PRODUCTS CO., LTD.; FUKUI SHIN-ETSU QUARTZ CO., LTD.
(21) 2004059705	(71) SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC.
(21) 2004067294	(71) DAIKIN INDUSTRIES, LTD.
(21) 2005007034	(71) DEXCEL LTD.
(21) 2005010780	(71) TANAKA KIKINZOKU KOGYO K.K.
(21) 2005024708	(71) HOYA CORPORATION
(21) 2005024740	(71) HOYA CORPORATION
(21) 2005024799	(71) SUPRAMOL PARENTERAL COLLOIDS GMBH
(21) 2005026323	(71) THE PROCTER & GAMBLE COMPANY

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005026869	(71) SPECIALIZED HEALTH PRODUCTS, INC.
(21) 2005027081	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2005028113	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2005029756	(71) THE PROCTER & GAMBLE COMPANY
(21) 2005029822	(71) LAM RESEARCH CORPORATION
(21) 2005029855	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2005030150	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005030598	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2005030689	(71) EBS GROUP LIMITED
(21) 2005030796	(71) MDRNA, INC.
(21) 2005030887	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005030911	(71) THE PROCTER & GAMBLE COMPANY
(21) 2005030929	(71) THE PROCTER & GAMBLE COMPANY
(21) 2005030952	(71) THE PROCTER & GAMBLE COMPANY
(21) 2005030960	(71) THE PROCTER & GAMBLE COMPANY
(21) 2005030978	(71) THE PROCTER & GAMBLE COMPANY

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005031034	(71) JAPAN DISPLAY CENTRAL INC.
(21) 2005031216	(71) INTELLPROP LIMITED
(21) 2005031323	(71) JANSSEN VACCINES & PREVENTION B.V.
(21) 2005031414	(71) ARCAM AB
(21) 2005031521	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005031919	(71) BASF AKTIENGESELLSCHAFT
(21) 2005031992	(71) SHOWA DENKO K.K.
(21) 2005032008	(71) SUVEN LIFE SCIENCES LIMITED
(21) 2005032123	(71) SYNGENTA LIMITED
(21) 2005032156	(71) BASF AKTIENGESELLSCHAFT
(21) 2005032180	(71) BASF AKTIENGESELLSCHAFT
(21) 2005032222	(71) EASTMAN CHEMICAL COMPANY
(21) 2005032230	(71) EASTMAN CHEMICAL COMPANY
(21) 2005032289	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005032339	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005032354	(71) NIKON CORPORATION
(21) 2005032388	(71) NIKON CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005032446	(71) RICOH COMPANY, LTD.
(21) 2005032479	(71) AKZO NOBEL N.V.
(21) 2005032693	(71) GLAXO GROUP LIMITED
(21) 2005032875	(71) PHILIP MORRIS PRODUCTS S.A.
(21) 2005033097	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2005033246	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005033329	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2005033360	(71) NOVARTIS AG
(21) 2005033378	(71) BASF AKTIENGESELLSCHAFT
(21) 2005033386	(71) NOVARTIS AG
(21) 2005033477	(71) CREDITEX GROUP, INC.
(21) 2005033543	(71) NAGRACARD SA
(21) 2005033816	(71) STOKKE AS
(21) 2005033824	(71) DANIO LABS LIMITED
(21) 2005033865	(71) BRISTOL-MYERS SQUIBB HOLDINGS IRELAND UNLIMITED COMPANY
(21) 2005033881	(71) THE TIMKEN COMPANY
(21) 2005034004	(71) TYCO HEALTHCARE GROUP LP

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005034020	(71) Mitsubishi Chemical Corporation; MITSUBISHI CHEMICAL ENGINEERING CORPORATION
(21) 2005034038	(71) PROYECTO EMPRESARIAL BRUDY, S.L.
(21) 2005034095	(71) E.I. DU PONT DE NEMOURS AND COMPANY
(21) 2005034103	(71) FUJIKIN INCORPORATED; TADAHIRO OHMI
(21) 2005034194	(71) Recro Pharma, Inc.
(21) 2005034236	(71) WYETH; MEDIMMUNE LIMITED
(21) 2005034251	(71) KANEKA CORPORATION
(21) 2005034277	(71) PF Consumer Healthcare 1 LLC
(21) 2005034285	(71) BHARAT SERUMS AND VACCINES LTD
(21) 2005034293	(71) BOTULINUM TOXIN RESEARCH ASSOCIATES, INC.
(21) 2005034343	(71) SYNCADA LLC
(21) 2005034376	(71) ABB LUMMUS GLOBAL INC.
(21) 2005034384	(71) ADVANCED FLUIDIX LABORATORIES, LLC
(21) 2005034418	(71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
(21) 2005034426	(71) UNI-CHARM CO., LTD.
(21) 2005034434	(71) Varex Imaging Corporation

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005034442	(71) ASTRAZENECA AB
(21) 2005034459	(71) NESTEC S.A.
(21) 2005034467	(71) NOVARTIS AG
(21) 2005034491	(71) NIKON CORPORATION
(21) 2005034509	(71) NIKON CORPORATION
(21) 2005034525	(71) NIKON CORPORATION
(21) 2005034558	(71) NIKON CORPORATION
(21) 2005034756	(71) TEIJIN LIMITED
(21) 2005034764	(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
(21) 2005034780	(71) LAM RESEARCH CORPORATION
(21) 2005034798	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005034806	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2005034814	(71) CHARLWOOD, GRANT
(21) 2005034855	(71) ALTANA PHARMA AG
(21) 2005034863	(71) INVISTA TECHNOLOGIES S.À.R.L.
(21) 2005035001	(71) MEMJET TECHNOLOGY LIMITED
(21) 2005035027	(71) NORTH CAROLINA STATE UNIVERSITY; PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005035035	(71) GENENTECH, INC.
(21) 2005035043	(71) GLAXO GROUP LIMITED
(21) 2005035100	(71) QUALCOMM INCORPORATED
(21) 2005035118	(71) SYNGENTA PARTICIPATIONS AG
(21) 2005035126	(71) MESSAGELABS LIMITED
(21) 2005035159	(71) MOTOROLA MOBILITY LLC
(21) 2005035167	(71) NESTEC S.A.
(21) 2005035175	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005035183	(71) EXXONMOBIL CHEMICAL PATENTS, INC.
(21) 2005035217	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005035266	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION; INFINEON TECHNOLOGIES AG
(21) 2005035431	(71) SIEMENS INDUSTRY, INC.
(21) 2005035449	(71) RICOH COMPANY, LTD.
(21) 2005035498	(71) GE CAPITAL COMMERCIAL FINANCE, INC.
(21) 2005035514	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005035522	(71) WYETH

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005035563	(71) GENETRONICS, INC.
(21) 2005035647	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2005035662	(71) GLAXO GROUP LIMITED
(21) 2005035670	(71) BAGGERMAATSCHAPPIJ BOSKALIS B.V.
(21) 2005035761	(71) EISAI R&D MANAGEMENT CO., LTD.
(21) 2005035795	(71) MICRON TECHNOLOGY, INC.
(21) 2005035811	(71) NORTHWEST BIOTHERAPEUTICS, INC.
(21) 2005035837	(71) GIVAUDAN SA
(21) 2005035845	(71) TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.
(21) 2005035852	(71) NASDAQ TECHNOLOGY AB
(21) 2005035860	(71) SIGNAL TRUST FOR WIRELESS INNOVATION
(21) 2005035878	(71) KEYSOFT INC.; KAGIWADA, YOSHIMITSU
(21) 2005035951	(71) RESEARCH IN MOTION LIMITED
(21) 2005035969	(71) GBC METALS, LLC
(21) 2005035977	(71) SINGAPORE GENERAL HOSPITAL PTE LTD.
(21) 2005035993	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005036009	(71) SINGAPORE GENERAL HOSPITAL PTE LTD.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005036033	(71) NOVARTIS AG; UNIVERSITÄT ZÜRICH
(21) 2005036074	(71) MERCK SHARP & DOHME CORP.
(21) 2005036090	(71) ASTRAZENECA AB
(21) 2005036116	(71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG
(21) 2005036124	(71) DRIL-QUIP, INC.
(21) 2005036132	(71) PACKTECH LIMITED
(21) 2005036181	(71) SLT Technologies, Inc.
(21) 2005036199	(71) NIKON CORPORATION
(21) 2005036306	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 2005036314	(71) DYSON TECHNOLOGY LIMITED
(21) 2005036330	(71) AKZO NOBEL COATINGS INTERNATIONAL B.V.
(21) 2005036348	(71) SUN CHEMICAL CORPORATION
(21) 2005036355	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005036363	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005036397	(71) KISSEI PHARMACEUTICAL CO., LTD.
(21) 2005036405	(71) E1 BIOTECH CO., LTD; KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005036413	(71) RESEARCH IN MOTION LIMITED
(21) 2005036470	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; TECHNION RESEARCH AND DEVELOPMENT FOUNDATION, LTD
(21) 2005036496	(71) Entegris, Inc.
(21) 2005036611	(71) PFIZER INC.
(21) 2005036629	(71) PFIZER PRODUCTS INC.
(21) 2005036645	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005036652	(71) QUALCOMM INCORPORATED
(21) 2005036660	(71) EFKON AG
(21) 2005036678	(71) SCHERING CORPORATION
(21) 2005036686	(71) SCHERING AKTIENGESELLSCHAFT
(21) 2005036710	(71) STUDIO MODERNA SA
(21) 2005036728	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005036736	(71) BESI NETHERLANDS B.V.
(21) 2005036744	(71) UOP LLC
(21) 2005036777	(71) ATOTECH DEUTSCHLAND GMBH
(21) 2005036819	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005036827	(71) BASELL POLYOLEFINE GMBH
(21) 2005036835	(71) BASELL POLYOLEFINE GMBH
(21) 2005036843	(71) BASELL POLYOLEFINE GMBH
(21) 2005036850	(71) COMMISSARIAT A L'ENERGIE ATOMIQUE
(21) 2005036884	(71) BAUSCH & LOMB INCORPORATED
(21) 2005036900	(71) HUDSON TECHNOLOGIES, INC.
(21) 2005036918	(71) INTEGRATED BIOMATERIAL & CELL TECHNOLOGIES S.R.L.
(21) 2005036934	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005036942	(71) COLGATE-PALMOLIVE COMPANY
(21) 2005036967	(71) MOTOROLA, INC.,
(21) 2005036975	(71) QUALCOMM, INCORPORATED
(21) 2005036983	(71) INTERCURE LTD.
(21) 2005036991	(71) SARTORIUS STEDIM SYSTEMS INC.
(21) 2005037007	(71) APPLIED MATERIALS, INC.
(21) 2005037015	(71) CILAG GMBH INTERNATIONAL
(21) 2005037023	(71) PPG INDUSTRIES OHIO, INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005037031	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005037049	(71) DEUTSCHE POST AG
(21) 2005037122	(71) ASK S.A.
(21) 2005037148	(71) COSMO OIL CO., LTD.
(21) 2005037155	(71) AVENTIS PHARMA S.A.
(21) 2005037163	(71) PPG INDUSTRIES OHIO, INC.
(21) 2005037171	(71) FUJIFILM ELECTRONIC MATERIALS USA, INC.
(21) 2005037189	(71) FUJIFILM ELECTRONIC MATERIALS USA, INC.
(21) 2005037197	(71) IDS MICROCHIP AG
(21) 2005037213	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005037536	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005037544	(71) ENTEGRIS, INC.
(21) 2005037551	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2005037569	(71) ABB OY
(21) 2005037577	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005037585	(71) EXXONMOBIL CHEMICAL PATENTS, INC.
(21) 2005037593	(71) EXXONMOBIL CHEMICAL PATENTS INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005037601	(71) EXXONMOBIL CHEMICAL PATENTS INC.
(21) 2005037627	(71) HI-G-TEK INC.
(21) 2005037635	(71) VIROCHEM PHARMA INC.
(21) 2005037650	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005037668	(71) RASMUSSEN, OLE-BENDT
(21) 2005037700	(71) PRAXAIR TECHNOLOGY, INC.
(21) 2005037775	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005037791	(71) UNIVATION TECHNOLOGIES, LLC
(21) 2005037809	(71) UNIVATION TECHNOLOGIES, LLC
(21) 2005037817	(71) WARNER-LAMBERT COMPANY LLC
(21) 2005037825	(71) WARNER-LAMBERT COMPANY LLC
(21) 2005037833	(71) MICRON TECHNOLOGY, INC.
(21) 2005037841	(71) WARSAW ORTHOPEDIC, INC.
(21) 2005037866	(71) MOLECULAR IMPRINTS, INC.
(21) 2005037890	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2005037908	(71) N.V. AMSTERDAMSE ELECTRISCHE STOOM- EN MOTORBOOTMAATSCHAPPIJ
(21) 2005037916	(71) TYCO ELECTRONICS CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005037940	(71) LABORATOIRE THERAMEX
(21) 2005037965	(71) AFFYMETRIX, INC.
(21) 2005037973	(71) PFIZER INC.
(21) 2005037999	(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE S.A.
(21) 2005038021	(71) IDENIX (CAYMAN) LIMITED
(21) 2005038039	(71) GLYTECH, INC.; KAJIHARA, YASUHIRO
(21) 2005038054	(71) QINETIQ LIMITED
(21) 2005038088	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; NATIONAL UNIVERSITY OF SINGAPORE
(21) 2005038096	(71) CB&I STS DELAWARE LLC
(21) 2005038146	(71) TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.
(21) 2005038187	(71) SYNGENTA PARTICIPATIONS AG
(21) 2005038203	(71) EASIC CORPORATION
(21) 2005038229	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005038237	(71) THE SCRIPPS RESEARCH INSTITUTE
(21) 2005038245	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005038252	(71) INTEL CORPORATION
(21) 2005038260	(71) PHARMACIA & UPJOHN COMPANY
(21) 2005038302	(71) W.R. GRACE & CO.-CONN.
(21) 2005038336	(71) NITTO DENKO CORPORATION
(21) 2005038419	(71) FERRER INTERNACIONAL, S.A.
(21) 2005038450	(71) JANSSEN PHARMACEUTICA N.V.
(21) 2005038468	(71) JANSSEN PHARMACEUTICA N.V.
(21) 2005038476	(71) MARINE CYBERNETICS AS
(21) 2005038484	(71) JANSSEN PHARMACEUTICA N.V.
(21) 2005038492	(71) N.V. ORGANON
(21) 2005038500	(71) BBI ELECTRIC S.P.A.
(21) 2005038518	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005038526	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 2005038534	(71) ALCON, INC.
(21) 2005038542	(71) INTEL CORPORATION
(21) 2005038559	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005038567	(71) INTEL CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005038575	(71) BBI ELECTRIC S.P.A.
(21) 2005038583	(71) DOLBY LABORATORIES LICENSING CORPORATION
(21) 2005038591	(71) INTEL CORPORATION (A DELAWARE CORPORATION)
(21) 2005038609	(71) INTEL CORPORATION
(21) 2005038682	(71) INTEL CORPORATION (A DELAWARE COPRPORATION)
(21) 2005038740	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2005038773	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2005038872	(71) POWER & COMMUNICATIONS LOGISTICS PTY LIMITED
(21) 2005038922	(71) GLAXOSMITHKLINE BIOLOGICALS S.A.
(21) 2005038989	(71) BIOGEN IDEC MA INC.
(21) 2005038997	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005039003	(71) ASTRAZENECA AB
(21) 2005039052	(71) CARRIER CORPORATION
(21) 2005039060	(71) Gates Corporation
(21) 2005039078	(71) JOHNSON & JOHNSON VISION CARE INC.
(21) 2005039086	(71) UNI-CHARM CO., LTD.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005039094	(71) UNI-CHARM CO., LTD.
(21) 2005039110	(71) ARCH CHEMICALS, INC.
(21) 2005039128	(71) CEPHALON FRANCE
(21) 2005039136	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005039425	(71) WOOLFORD, SCOTT
(21) 2005039433	(71) TECHLINK INTERNATIONAL ENTERTAINMENT LIMITED
(21) 2005039490	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005039508	(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(21) 2005039516	(71) KOWA CO., LTD.
(21) 2005039524	(71) Merck Sharp & Dohme Corp.
(21) 2005039532	(71) BBI ELECTRIC S.P.A.
(21) 2005039540	(71) BASF AKTIENGESELLSCHAFT
(21) 2005039573	(71) NTT COMMUNICATIONS CORPORATION
(21) 2005039623	(71) SASOL TECHNOLOGY (PTY) LIMITED
(21) 2005039631	(71) LAM RESEARCH CORPORATION
(21) 2005039672	(71) TSUTSUI, OSAMU
(21) 2005039680	(71) QUALCOMM, INCORPORATED

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005039706	(71) QUALCOMM INCORPORATED
(21) 2005039722	(71) NERVIANO MEDICAL SCIENCES S.R.L.
(21) 2005039730	(71) QUALCOMM INCORPORATED
(21) 2005039755	(71) CIPLA LTD
(21) 2005039789	(71) N.V. ORGANON
(21) 2005039813	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2005039821	(71) AMGEN INC.
(21) 2005039839	(71) AMGEN, INC.
(21) 2005039847	(71) IDENIX (CAYMAN) LIMITED
(21) 2005039854	(71) H. LUNDBECK A/S
(21) 2005039862	(71) ZYDUS BSV PHARMA PRIVATE LIMITED
(21) 2005039870	(71) H. LUNDBECK A/S
(21) 2005039888	(71) H. LUNDBECK A/S
(21) 2005039912	(71) GLAXO GROUP LIMITED
(21) 2005039920	(71) BRACCO IMAGING S.P.A.
(21) 2005039961	(71) DIOBEX, INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005039979	(71) SANKYO COMPANY,LIMITED; UBE INDUSTRIES, LTD.
(21) 2005040001	(71) QUALCOMM INCORPORATED
(21) 2005040019	(71) KERR, ANDREW, ROBERT, ENGLAND
(21) 2005040035	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005040043	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005040068	(71) KUREHA CORPORATION
(21) 2005040118	(71) SONY MOBILE DISPLAY CORPORATION
(21) 2005040175	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005040183	(71) KABUSHIKIKAISHA MATSUI SEISAKUSHO
(21) 2005040209	(71) INVISTA TECHNOLOGIES S.À.R.L.
(21) 2005040225	(71) ABB AB
(21) 2005040357	(71) WELLINGTON DRIVE TECHNOLOGIES LTD
(21) 2005040365	(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(21) 2005040373	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005040381	(71) TOKYO OHKA KOGYO CO., LTD.
(21) 2005040399	(71) MICROCELL CORPORATION
(21) 2005040415	(71) LAM RESEARCH CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005040431	(71) UNISENSE FERTILITECH APS
(21) 2005040449	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005040456	(71) SOLUTIA INC.
(21) 2005040464	(71) ALZA CORPORATION
(21) 2005040472	(71) ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI SPA
(21) 2005040498	(71) LABORATORIOS ALMIRALL, S.A.
(21) 2005040506	(71) NISSAN CHEMICAL INDUSTRIES, LTD.
(21) 2005040530	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(21) 2005040563	(71) TOKYO ELECTRON LIMITED
(21) 2005040654	(71) MATSUSHITA ELECTRIC WORKS, LTD.
(21) 2005040662	(71) JLMD ECOLOGIC GROUP
(21) 2005040696	(71) RINAT NEUROSCIENCE CORP.
(21) 2005040746	(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(21) 2005040753	(71) GLYTECH, INC.; KAJIHARA, YASUHIRO
(21) 2005040761	(71) GLYTECH, INC.; KAJIHARA, YASUHIRO
(21) 2005040837	(71) DAIICHI PHARMACEUTICAL CO., LTD.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005041447	(71) CANON KABUSHIKI KAISHA
(21) 2005041470	(71) CANON KABUSHIKI KAISHA
(21) 2005041520	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2005041538	(71) MOUNTAIN VIEW PHARMACEUTICALS, INC.
(21) 2005041579	(71) MOUNTAIN VIEW PHARMACEUTICALS, INC.
(21) 2005041595	(71) NATIONAL UNIVERSITY OF SINGAPORE
(21) 2005041652	(71) I-FLOW CORPORATION
(21) 2005041678	(71) ALTUS PHARMACEUTICALS INC.
(21) 2005041694	(71) IMMUNOFRONTIER, INC.
(21) 2005041710	(71) OXONICA LIMITED
(21) 2005041728	(71) KUREHA CORPORATION
(21) 2005041736	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005041744	(71) SK INNOVATION CO., LTD.
(21) 2005041751	(71) MITSUI CHEMICALS, INC.
(21) 2005041769	(71) KUREHA CORPORATION
(21) 2005041777	(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(21) 2005041785	(71) LINTEC CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005041793	(71) Citrix Systems International GmbH
(21) 2005041801	(71) JIAN, GUANG
(21) 2005041827	(71) SEMIKA S.A.
(21) 2005041835	(71) ALTUS PHARMACEUTICALS INC.
(21) 2005041843	(71) KOREA INSTITUTE OF ORIENTAL MEDICINE; SK CHEMICALS, CO., LTD.
(21) 2005041868	(71) SONY MOBILE DISPLAY CORPORATION
(21) 2005041926	(71) CAREFUSION 303, INC.
(21) 2005041942	(71) INTEL CORPORATION
(21) 2005042049	(71) KERRY, INC.
(21) 2005042056	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005042064	(71) F. HOFFMANN-LA ROCHE AG
(21) 2005042155	(71) UNI-CHARM CO., LTD.
(21) 2005042213	(71) ORTHO-MCNEIL PHARMACEUTICAL INC.
(21) 2005042403	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2005042577	(71) SONY COMPUTER ENTERTAINMENT AMERICA, INC.
(21) 2005042684	(71) BAYER MATERIALSCIENCE AG

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005042692	(71) BP CHEMICALS LIMITED
(21) 2005043096	(71) STRATECH SYSTEMS LIMITED
(21) 2005043211	(71) MICROSOFT CORPORATION
(21) 2005043260	(71) E.D. MEDICAL LTD
(21) 2005043419	(71) JOHNSON & JOHNSON VISION CARE, INC.
(21) 2005043484	(71) EIKOS, INC.
(21) 2005043724	(71) SONY CORPORATION
(21) 2005044151	(71) SONY CORPORATION
(21) 2005044193	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005044201	(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(21) 2005044243	(71) KIAN JOO PACKAGING SDN BHD; KJ CAN (SINGAPORE) PTE LTD
(21) 2005044995	(71) SAES GETTERS S.P.A.
(21) 2005045174	(71) EVONIK DEGUSSA GMBH
(21) 2005045372	(71) DAIICHI PHARMACEUTICAL CO., LTD.
(21) 2005045992	(71) 3M INNOVATIVE PROPERTIES COMPANY
(21) 2005046107	(71) NOVA MEASURING INSTRUMENTS INC.
(21) 2005046149	(71) HUSKY INJECTION MOLDING SYSTEMS LTD.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005047071	(71) AVIGILON FORTRESS CORPORATION
(21) 2005047519	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2005047535	(71) USTAV EXPERIMENTALNI BOTANIKY AKADEMIE VED CESKE REPUBLIKY
(21) 2005047667	(71) ETA SA MANUFACTURE HORLOGÈRE SUISSE
(21) 2005047675	(71) SABIC INNOVATIVE PLASTICS IP B.V.
(21) 2005048129	(71) LAM RESEARCH CORPORATION
(21) 2005048210	(71) ARCADOPHTA
(21) 2005048251	(71) Mitsubishi Chemical Corporation
(21) 2005048442	(71) SUMITOMO CHEMICAL COMPANY, LIMITED
(21) 2005048558	(71) SONY CORPORATION
(21) 2005048590	(71) ADVANCED MICRO DEVICES, INC.
(21) 2005048905	(71) TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.
(21) 2005049218	(71) LYONDELL CHEMICAL TECHNOLOGY, L.P.
(21) 2005049226	(71) LYONDELL CHEMICAL TECHNOLOGY, L.P.
(21) 2005049259	(71) LYONDELL CHEMICAL TECHNOLOGY, L.P.
(21) 2005049598	(71) USSEN, BAKHYTBEK

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005050810	(71) NOVARA TECHNOLOGY S.R.L.
(21) 2005052014	(71) LOCKHEED MARTIN CORPORATION
(21) 2005052766	(71) SCHERING AKTIENGESELLSCHAFT
(21) 2005054572	(71) LANDQART
(21) 2005054739	(71) FIKE CORPORATION
(21) 2005055454	(71) INTEL CORPORATION
(21) 2005055462	(71) INTEL CORPORATION
(21) 2005063714	(71) MITSUI CHEMICALS, INC.
(21) 2005064100	(71) INEOS USA LLC
(21) 2005068820	(71) SOUZA CRUZ S.A.
(21) 2005068960	(71) GLOBALFOUNDRIES INC
(21) 2005069232	(71) INTEL CORPORATION
(21) 2005069836	(71) INTEL CORPORATION
(21) 2005070131	(71) INTEL CORPORATION
(21) 2005075973	(71) OMET SRL
(21) 2005077193	(71) PFIZER PRODUCTS INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2005081161	(71) PFIZER PRODUCTS INC.
(21) 2005082458	(71) ADVANCED MICRO DEVICES, INC.
(21) 2005082532	(71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(21) 2005083936	(71) J.E.T. CO., LTD.
(21) 2006001333	(71) DYNEA AUSTRIA GMBH
(21) 2006004725	(71) S.E.S. CO., LTD.
(21) 2006005466	(71) FORTA CORPORATION
(21) 2006005532	(71) APTEVO RESEARCH AND DEVELOPMENT LLC
(21) 2006008031	(71) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
(21) 2006010334	(71) I&K INTERNATIONAL CO., LTD.
(21) 2006026314	(71) AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.
(21) 2006026827	(71) ASML NETHERLANDS B.V.
(21) 2006032825	(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2006033625	(71) SKC CO., LTD.
(21) 2006036255	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES
(21) 2006036313	(71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2006036487	(71) ASIAWORLD SHIPPING SERVICES PTY LTD
(21) 2006037220	(71) TATE & LYLE PUBLIC LIMITED COMPANY
(21) 2006038624	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2006038632	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2006038764	(71) WORLDPLAY(BARBADOS) INC.
(21) 2006038772	(71) WORLDPLAY(BARBADOS) INC.
(21) 2006038962	(71) NIRO A/S
(21) 2006039010	(71) SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES
(21) 2006040471	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2006041818	(71) TDVISION CORPORATION S.A. DE C.V.
(21) 2006041990	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC
(21) 2006043103	(71) CHIYODA CORPORATION
(21) 2006043665	(71) FRONTIER INTEGRATED TECHNOLOGY PTE. LTD.
(21) 2006043681	(71) AION CO., LTD.
(21) 2006044036	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2006044150	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2006072987	(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE S.A.
(21) 2006086821	(71) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
(21) 2007032485	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2007033897	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2007037732	(71) DELL PRODUCTS L.P.
(21) 2007040009	(71) ASML NETHERLANDS B.V.
(21) 2007040017	(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
(21) 2007040975	(71) OTSUKA PHARMACEUTICAL CO., LTD.
(21) 2007041593	(71) SKOP GMBH LTD.
(21) 2007041767	(71) GENERAL ELECTRIC COMPANY
(21) 2007042146	(71) Entegris, Inc.
(21) 2007042757	(71) NIKON CORPORATION
(21) 2007042765	(71) NIKON CORPORATION
(21) 2007042781	(71) NIKON CORPORATION
(21) 2007042799	(71) NIKON CORPORATION

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2007042807	(71) NIKON CORPORATION
(21) 2007043706	(71) THE PROCTER & GAMBLE COMPANY
(21) 2007043722	(71) ASMPT Singapore Pte. Ltd.
(21) 2007043755	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2007043763	(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2007043789	(71) ASML NETHERLANDS B.V.
(21) 2007043805	(71) JANSSEN VACCINES & PREVENTION B.V.
(21) 2007044316	(71) INTERDIGITAL TECHNOLOGY CORPORATION
(21) 2007045727	(71) TriSalus Life Sciences, Inc.
(21) 2007048127	(71) NIKON CORPORATION
(21) 2007052467	(71) HUDSON TECHNOLOGIES, INC.
(21) 2007052475	(71) HUDSON TECHNOLOGIES, INC.
(21) 2007061708	(71) RICOH COMPANY, LTD.
(21) 2007088859	(71) RESEARCH IN MOTION LIMITED
(21) 2007088875	(71) RESEARCH IN MOTION LIMITED
(21) 2008020505	(71) NOKIA SIEMENS NETWORKS OY
(21) 2008036295	(71) FMC TECHNOLOGIES, INC.

PATENTS CEASED AFTER THE TERM OF THE PATENT - cont'd

(21) 2009029877	(71) COLGATE-PALMOLIVE COMPANY
(21) 2010031995	(71) TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD
(21) 2011035342	(71) TriSalus Life Sciences, Inc.
(21) 2011040987	(71) CLIPSAL AUSTRALIA PTY LTD
(21) 2011091535	(71) Entegris, Inc.
(21) 2013036975	(71) GENENTECH, INC.