



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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Editorial enquiries

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

(i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

(iii) ACCEPTANCE –

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

(iv) OPPOSITION –

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

(v) GRANTING –

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

(vi) CERTIFICATION

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want (eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

NOTE: Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.

A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

Using the Indices

1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian 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 an 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 or certification has taken place on or before the said date.

(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

- (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) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) 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.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Venkat Thandra and Ahmed Farouk Shaaban [2021] APO 42

Patent Application: 2015284127

Title: Improved system and method for allocating value to timekeeper work

Patent Applicant: Venkat Thandra and Ahmed Farouk Shaaban

Delegate: Dr S. J. Smith

Decision Date: 28 October 2021

Hearing Date: Written submissions filed on 20 May 2021

Catchwords: **PATENTS** – examiner’s objection – manner of manufacture – business innovation – no patentable subject matter identified in specification – application refused

Representation: Patent attorney for the applicant: Murray Trento & Associates Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Commonwealth Scientific and Industrial Research Organisation [2021] APO 43

Patent Application: 2019373402

Title: Monitoring a manufacturing process

Patent Applicant: Commonwealth Scientific and Industrial Research Organisation

Delegate: R Subbarayan

Decision Date: 01 November 2021

Hearing Date: Written submissions filed on 12 August 2021

Catchwords: **PATENTS** – section 45 – examiner’s objections – smart contracts in blockchain – whether invention is a manner of manufacture – whether invention lacks inventive step – claimed invention provides a technical solution – manner of manufacture objection cannot be maintained – claimed invention cannot be arrived as a matter of routine from cited prior art on its own – possibility of existence of better prior art – application to be referred back to examination for further investigation

Representation: Patent attorney for the applicant: FB Rice Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Oct 2021 .

(71) ANNALISE-AI PTY LTD (21) 2021903432 (22) 27.10.2021 (54) METHODS AND SYSTEMS FOR AUTOMATED ANALYSIS OF MEDICAL IMAGES WITH INJECTION OF CLINICAL RANKING	(71) Brodzeli, Z. (21) 2021903437 (22) 27.10.2021 (54) Electro-Optic Transducer	(71) DOT DESIGN GROUP PTY LTD (21) 2021903358 (22) 20.10.2021 (54) MCA
(71) Aquila Black Limited (21) 2021903467 (22) 29.10.2021 (54) Water Dispersible Cannabinoid Compositions	Bumby, C. see Badcock, R. (21) 2021903413	(71) DOT DESIGN GROUP PTY LTD (21) 2021903405 (22) 25.10.2021 (54) Team Keg
(71) Ascension Fitness Tools Pty Ltd (21) 2021903442 (22) 27.10.2021 (54) Exercise Apparatus	Bumby, C. see Badcock, R. (21) 2021903414	(71) DOT DESIGN GROUP PTY LTD (21) 2021903421 (22) 26.10.2021 (54) Stacking Modular Retail Display
(71) Badcock, R.; Bumby, C.; Geng, J.; Rice, J. (21) 2021903413 (22) 26.10.2021 (54) IMPROVEMENTS IN SUPERCONDUCTING SWITCHES	(71) Ciobanu, M. (21) 2021903410 (22) 26.10.2021 (54) A user interface interaction intercepting parental control application	(71) Ecoganic Pty Ltd (21) 2021903433 (22) 27.10.2021 (54) Entomopathogenic Fungal Isolates
(71) Badcock, R.; Bumby, C.; Geng, J.; Rice, J. (21) 2021903414 (22) 26.10.2021 (54) HIGH-TEMPERATURE SUPERCONDUCTING SWITCHES AND RECTIFIERS	(71) Conquest Crop Protection Pty Ltd (21) 2021903461 (22) 28.10.2021 (54) PYRASULFOTOLE AND PICO-LINAFEN COMPOSITION	(71) Emesent Pty Ltd (21) 2021903451 (22) 28.10.2021 (54) Target detection in a point cloud
(71) Bourgelat Pty Ltd (21) 2021903445 (22) 28.10.2021 (54) Further Improvements relating to three point linkages	(71) Covaler Pty Ltd (21) 2021903454 (22) 28.10.2021 (54) Methods and systems for cross platform account authentication	(71) Everlast Technology Pty Ltd (21) 2021903463 (22) 29.10.2021 (54) A software development platform
(71) bowers, j.; TOMORROW'S PRODUCTS TODAY PTY LTD (21) 2021903416 (22) 26.10.2021 (54) mf silver ion filter	(71) Cryocrusher Pty Ltd (21) 2021903452 (22) 28.10.2021 (54) A cryogenic system and method for processing waste tires	(71) Fantasia, D. (21) 2021902369 (22) 01.08.2021 (54) Gernie Mate. A portable stainless steel arm that aids hose holding
	(71) Cycle Inspect Services Pty Ltd (21) 2021903430 (22) 26.10.2021 (54) Computer assisted inspection and modelling of fibre-reinforced plastic bicycle frames	(71) FIELD, C. (21) 2021903459 (22) 28.10.2021 (54) Diagnostic apparatus for vehicular electrical systems
	(71) DOT DESIGN GROUP PTY LTD (21) 2021903357 (22) 20.10.2021 (54) HSG	(71) Fortescue Future Industries Pty Ltd (21) 2021903465 (22) 29.10.2021 (54) Method of producing ammonia

Provisional Applications Filed - Name Index cont'd

(71) Gaming Entertainment Systems Pty Limited
 (21) 2021903420 (22) 26.10.2021
 (54) JACKPOT AWARDING SYSTEMS, CONTROLLERS AND COMPUTER IMPLEMENTED METHODS FOR TABLE BASED WAGER GAMES

(71) Ganbry Innovations Pty Ltd
 (21) 2021903462 (22) 29.10.2021
 (54) Bucket

Geng, J. see Badcock, R.
 (21) 2021903413

Geng, J. see Badcock, R.
 (21) 2021903414

(71) Green, K.; Thoms, G.
 (21) 2021903374 (22) 21.10.2021
 (54) Direct conversion of CO₂ to bicarbonate using limestone and pressure

(71) Hawke Innovations Pty Ltd
 (21) 2021903419 (22) 26.10.2021
 (54) Ground Engaging Tooth

(71) Healtech Pty Ltd
 (21) 2021903411 (22) 26.10.2021
 (54) A sauna operational state control system

(71) Hodge Systems Pty Ltd
 (21) 2021903426 (22) 26.10.2021
 (54) Motorized cabinet door

(71) Hudson Institute of Medical Research
 (21) 2021903431 (22) 27.10.2021
 (54) Oligonucleotides

(71) Lancaster, A.
 (21) 2021903415 (22) 26.10.2021
 (54) Prostatic Carcinoma Radiotherapy Enhancement

(71) M&R Solutions Pty Ltd
 (21) 2021903399 (22) 24.10.2021
 (54) SUBMERSIBLE DRONE SYSTEM

(71) Malcolm, J.
 (21) 2021903083 (22) 01.11.2021
 (54) Electronic Notice Board

(71) Melbourne Polymer Pty Ltd
 (21) 2021903423 (22) 26.10.2021
 (54) Easy-Grab

(71) Monash University
 (21) 2021903427 (22) 26.10.2021
 (54) Methods and cellular structures (4)

(71) Monash University
 (21) 2021903429 (22) 26.10.2021
 (54) Induced stem cells (3)

(71) Monash University
 (21) 2021903439 (22) 27.10.2021
 (54) Truncated and fusion proteins

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
 (21) 2021903455 (22) 28.10.2021
 (54) Variant CTLA4 proteins

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
 (21) 2021903456 (22) 28.10.2021
 (54) CTLA4 fusion proteins

(71) Montrae Mining Pty Ltd
 (21) 2021903390 (22) 22.10.2021
 (54) LOCKING APPARATUS FOR DRILLING RIG COMPONENTS

(71) Mucpharm Pty Ltd
 (21) 2021903441 (22) 27.10.2021
 (54) METHODS FOR TREATING RESPIRATORY DISEASES

(71) MURPHY, N.
 (21) 2021903425 (22) 26.10.2021
 (54) Method of Levelling Concrete Modules

(71) NewSouth Innovations Pty Limited
 (21) 2021903417 (22) 26.10.2021
 (54) Hybrid steel-timber buckling restrained bracing

(71) NTHALMIC HOLDING PTY LTD
 (21) 2021903412 (22) 26.10.2021
 (54) A spectacle lens for myopia management

(71) Paradigm BioPharmaceuticals Ltd
 (21) 2021903453 (22) 28.10.2021
 (54) Treatment of heart failure with preserved ejection fraction

(71) Pring, G.
 (21) 2021903448 (22) 28.10.2021
 (54) Interfaces between structural and non-structural building elements

(71) Respiradigm Pty Ltd
 (21) 2021903424 (22) 26.10.2021
 (54) Methods for determining respiratory infection risk

Rice, J. see Badcock, R.
 (21) 2021903413

Rice, J. see Badcock, R.
 (21) 2021903414

(71) Sach, G.
 (21) 2021903434 (22) 27.10.2021
 (54) Surfboard protector

(71) Safecret Pty Ltd
 (21) 2021903464 (22) 29.10.2021
 (54) A system for securing electronic messages

(71) SAVAGE, R.
 (21) 2021903443 (22) 27.10.2021
 (54) A Remote Termite Detection and Alert System

(71) Smart Digital Optics Pty Limited
 (21) 2021903435 (22) 27.10.2021
 (54) PASSIVE OPTICAL SAGNAC INTERFEROMETER FOR CURRENT SENSING

(71) Smith, A.; Tucker, J.
 (21) 2021903409 (22) 25.10.2021
 (54) Australian Football League Non-Fungible Tokens (AFL NFTs)

(71) Spry, P.
 (21) 2021903460 (22) 28.10.2021
 (54) Adjustable Member

(71) Star Keeper Technologies Pty Ltd
 (21) 2021903436 (22) 27.10.2021
 (54) Sports event data processing

(71) Supercritical Pty Ltd
 (21) 2021903450 (22) 28.10.2021
 (54) Bioactive Terpene Composition

(71) TECHNOBAKE PTY LTD
 (21) 2021903446 (22) 28.10.2021
 (54) Improvements in Motorising small water crafts

(71) Telix International Pty Ltd
 (21) 2021903428 (22) 26.10.2021
 (54) Synthetic method

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(21) 2021903455

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(21) 2021903456

Thoms, G. see Green, K.
(21) 2021903374

TOMORROW'S PRODUCTS TODAY PTY LTD see bowers, j.
(21) 2021903416

(71) Trider Pty Ltd
(21) 2021903440 (22) 27.10.2021
(54) Consumer review method and system

(71) Tri-Tube Drilling Systems Pty Ltd
(21) 2021903466 (22) 29.10.2021
(54) Drilling String and Components Therefor

Tucker, J. see Smith, A.
(21) 2021903409

(71) Turner, I.
(21) 2021903447 (22) 28.10.2021
(54) united media

(71) VEEN HOLDINGS PTY. LTD.
(21) 2021903418 (22) 26.10.2021
(54) AN APPARATUS FOR CONTINUOUS REMOVAL OF PARTICLES

(71) Virexcedis Pty Ltd trading as VRX INDUSTRIES
(21) 2021903422 (22) 26.10.2021
(54) A Locking System

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2021903450	Supercritical Pty Ltd
2021903451	Emesent Pty Ltd
2021903452	Cryocrusher Pty Ltd
2021903453	Paradigm BioPharmaceuticals Ltd
2021903454	Covaler Pty Ltd
2021903455	Monash University; The Walter and Eliza Hall Institute of Medical Research
2021903456	Monash University; The Walter and Eliza Hall Institute of Medical Research
2021903459	FIELD, C.
2021903460	Spry, P.
2021903461	Conquest Crop Protection Pty Ltd
2021903462	Ganbry Innovations Pty Ltd
2021903463	Everlast Technology Pty Ltd
2021903464	Safecret Pty Ltd
2021903465	Fortescue Future Industries Pty Ltd
2021903466	Tri-Tube Drilling Systems Pty Ltd
2021903467	Aquila Black Limited

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Applications listed below were processed through the Patent Office Canberra during the period ending 26 Oct 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 360 Knee Systems Pty Ltd (21) 2021254566 (22) 20.10.2021 (54) Positioning guide system with sensor (62) 2016291299</p> <hr/> <p>(71) 4D Pharma Research Limited (21) 2021254635 (22) 22.10.2021 (54) Compositions comprising bacterial strains (62) 2020244599</p> <hr/> <p>(71) Acer Incorporated (21) 2021254591 (22) 20.10.2021 (54) DEVICE OF HANDLING A HARQ RE-TRANSMISSION (31) 17/503,379 (32) 18.10.21 (33) US 63/094,912 22.10.20 US</p> <hr/> <p>(71) ACOUSIA THERAPEUTICS GMBH (21) 2021254653 (22) 22.10.2021 (54) Novel compounds useful as potassium channel openers (62) 2018227005</p> <hr/> <p>(71) Acres Technology (21) 2021254637 (22) 22.10.2021 (54) Bonus with Proximity of Occurrence Related to Base Game Outcomes or Payout Percentage (62) 2019253842</p> <hr/> <p>(71) Aegis Therapeutics, LLC; ARS Pharmaceuticals Inc. (21) 2021254650 (22) 22.10.2021 (54) Intranasal epinephrine formulations and methods for the treatment of disease (62) 2019217643</p> <hr/> <p>(71) AFINITI, LTD. (21) 2021250985 (22) 15.10.2021 (54) TECHNIQUES FOR BENCHMARKING PERFORMANCE IN A CONTACT CENTER SYSTEM (62) 2020230328</p> <hr/> <p>(71) AKER Biomarine Antarctic AS (21) 2021254620 (22) 21.10.2021 (54) BIO EFFECTIVE KRILL OIL COMPOSITIONS (62) 2019202956</p>	<p>(71) Alchin Long Group IP Pty Limited (21) 2021254553 (22) 19.10.2021 (54) Lock Cylinder</p> <hr/> <p>(71) Alessi, P. (21) 2021254594 (22) 20.10.2021 (54) Brush harvesters operable by hand and by a vehicle (62) 2019232860</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021254509 (22) 18.10.2021 (54) Multi-targeted single entity conjugates (62) 2016295168</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2021254577 (22) 20.10.2021 (54) Vehicle light management device, associated vehicle and method (31) 20 10778 (32) 21.10.20 (33) FR</p> <hr/> <p>(71) Ammonett Pharma LLC (21) 2021254600 (22) 21.10.2021 (54) DETECTING AND TREATING GROWTH HORMONE DEFICIENCY (62) 2020233715</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021254514 (22) 18.10.2021 (54) Casino system (31) 2020-176900 (32) 21.10.20 (33) JP</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021254516 (22) 18.10.2021 (54) Casino system (31) 2020-176900 (32) 21.10.20 (33) JP</p> <hr/> <p>(71) Apple Inc. (21) 2021254567 (22) 20.10.2021 (54) User interfaces for capturing and managing visual media (62) 2021203210</p> <hr/> <p>(71) Apple Inc. (21) 2021254568 (22) 20.10.2021 (54) Device, method, and graphical user interface for providing tactile feedback for operations performed in a user interface (62) 2019268116</p>	<p>(71) Apple Inc. (21) 2021254570 (22) 20.10.2021 (54) Systems, devices, and methods for dynamically providing user interface controls at a touch-sensitive secondary display (62) 2019219760</p> <hr/> <p>(71) Apple Inc. (21) 2021254574 (22) 20.10.2021 (54) Image data for enhanced user interactions (62) 2018270420</p> <hr/> <p>(71) Apple Inc. (21) 2021254585 (22) 20.10.2021 (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application (62) 2020201849</p> <hr/> <p>(71) Apple Inc. (21) 2021254633 (22) 22.10.2021 (54) Digital touch on live video (62) 2019283776</p> <hr/> <p>(71) Arc Medical Devices Inc. (21) 2021254608 (22) 21.10.2021 (54) HIGHLY PURIFIED FUCANS FOR THE TREATMENT OF FIBROUS ADHESIONS (62) 2019310194</p> <hr/> <p>(71) Arizona Board of Regents on Behalf of The University of Arizona (21) 2021254621 (22) 21.10.2021 (54) METHODS AND SYSTEMS FOR REAL-TIME ASSESSMENT OF CELLS IN ENCAPSULATION DEVICES PRE- AND POST-TRANSPLANTATION (62) 2017396754</p> <hr/> <p>ARS Pharmaceuticals Inc. see Aegis Therapeutics, LLC (21) 2021254650</p> <hr/> <p>(71) Arvinas Operations, Inc. (21) 2021257895 (22) 25.10.2021 (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS (62) 2021204549</p>
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 (21) 2021254527 (22) 19.10.2021
 (54) AMINO ACID AND PEPTIDE CONJUGATES AND CONJUGATION PROCESS
 (62) 2017223267

(71) AU ENVIRONMENTAL PTY LTD
 (21) 2021254646 (22) 22.10.2021
 (54) LIQUID TREATMENT UNIT AND METHOD
 (62) 2019348193

AUM LifeTech, Inc. see Universitat de Valencia
 (21) 2021257890

(71) AVA Risk Group Limited
 (21) 2021254552 (22) 19.10.2021
 (54) Improvements in Fibre Optic Distributed Acoustic Sensing
 (31) 2021903174 (32) 05.10.21 (33) AU

(71) Avon Protection Systems, Inc.
 (21) 2021254579 (22) 20.10.2021
 (54) INTEGRATED MANIFOLD SYSTEM
 (31) 17/074,903 (32) 20.10.20 (33) US

(71) Axiflux Holdings Pty Ltd
 (21) 2021254522 (22) 18.10.2021
 (54) Electric motor/generator with integrated differential
 (62) 2019253808

(71) Babuin, D.
 (21) 2021254667 (22) 24.10.2021
 (54) Improvements in window assemblies
 (31) 2020903861 (32) 26.10.20 (33) AU

(71) Ballintyne, C.
 (21) 2021254576 (22) 20.10.2021
 (54) Wetsuit laceration proof material

(71) BASF SE
 (21) 2021250988 (22) 15.10.2021
 (54) Plants having increased tolerance to herbicides
 (62) 2015250874

(71) Bayer Animal Health GmbH
 (21) 2021254515 (22) 18.10.2021
 (54) Rhipicephalus nicotinic acetylcholine receptor and pest control acting thereon
 (62) 2017216079

(71) Bayer HealthCare LLC
 (21) 2021257891 (22) 25.10.2021
 (54) System and method for syringe plunger engagement with an injector
 (62) 2016344179

(71) BEBAT vzw
 (21) 2021254656 (22) 22.10.2021
 (54) Container for the Transport and/or Storage of Batteries and the use of such a Container
 (31) BE 2020/5787 (32) 02.11.20 (33) BE

(71) BEYONDSRING PHARMACEUTICALS, INC.
 (21) 2021254549 (22) 19.10.2021
 (54) Method of treating a brain tumor
 (62) 2016229295

(71) Biomet Manufacturing, LLC
 (21) 2021254672 (22) 22.10.2021
 (54) PATIENT SPECIFIC RECONSTRUCTIVE GLENOID SYSTEMS AND METHODS
 (62) 2018244074

(71) Boston Scientific Neuromodulation Corporation
 (21) 2021257889 (22) 25.10.2021
 (54) Determination and use of a wellness factor in an implantable medical device system using qualitative and quantitative measurements
 (62) 2019266092

(71) Boston Scientific Scimed, Inc.
 (21) 2021254636 (22) 22.10.2021
 (54) Inflatable penile prosthesis with a structured cylinder
 (62) 2019217338

(71) Brainchip Inc
 (21) 2021254524 (22) 18.10.2021
 (54) AN IMPROVED SPIKING NEURAL NETWORK
 (62) 2019372063

(71) Breville Pty Limited
 (21) 2021254660 (22) 22.10.2021
 (54) Adjustable portafilter and grind adjustment
 (62) 2019202640

(71) California Institute of Technology
 (21) 2021232735 (22) 17.09.2021
 (54) Compositions and methods comprising bacteria for improving behavior in neurodevelopmental disorders
 (62) 2015339284

(71) Canon Kabushiki Kaisha
 (21) 2021254642 (22) 22.10.2021
 (54) Method, apparatus and system for encoding and decoding a tree of blocks of video samples
 (62) 2019201653

(71) CFPH, LLC
 (21) 2021254628 (22) 22.10.2021
 (54) DISTRIBUTED MATCHING ENGINE
 (62) 2019253801

(71) Clean Planet Inc.
 (21) 2021254632 (22) 22.10.2021
 (54) Heat generating device and method for generating heat
 (62) 2018282712

(71) Colgate-Palmolive Company
 (21) 2021254616 (22) 21.10.2021
 (54) Oral care implement
 (62) 2020201157

(71) ConMed Corporation
 (21) 2021254520 (22) 18.10.2021
 (54) SUTURE ANCHOR DRIVER
 (62) 2018414541

(71) Cornell University
 (21) 2021250984 (22) 15.10.2021
 (54) Beta-nicotinate ester nucleotides and processes for preparing same
 (62) 2018250242

(71) Creatv Microtech, Inc.
 (21) 2021254611 (22) 21.10.2021
 (54) Use of circulating cell biomarkers in the blood for detection and diagnosis of diseases and methods of isolating them
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(71) Cripps Clark, J.
 (21) 2021252607 (22) 18.10.2021
 (54) SafeXShare : Data sharing filter mechanism
 (31) 2021900281 (32) 07.02.21 (33) AU

(71) CYMABAY THERAPEUTICS, INC.
 (21) 2021254641 (22) 22.10.2021
 (54) TREATMENT OF CHOLESTATIC PRURITUS
 (62) 2018342323

(71) CytomX Therapeutics, Inc.
 (21) 2021257886 (22) 25.10.2021
 (54) Anti-CD71 antibodies, activatable anti-CD71 antibodies, and methods of use thereof
 (62) 2016258628

(71) Cytrellis Biosystems, Inc.
 (21) 2021254536 (22) 19.10.2021
 (54) Devices and methods for ablation of the skin
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(31) 17/088,032 (32) 03.11.20 (33) US

(71) Dansons US, LLC
(21) 2021254659 (22) 22.10.2021
(54) LONGITUDINAL BURN POT ASSEMBLY AND IMPROVED AIR FLOW SYSTEM
(31) 17/088,074 (32) 03.11.20 (33) US

(71) Dataxu, Inc.
(21) 2021257902 (22) 25.10.2021
(54) Methods and systems for using consumer aliases and identifiers
(62) 2014237961

(71) Delta Panels Pty Ltd
(21) 2021254542 (22) 19.10.2021
(54) PREFABRICATED ROOF PANEL
(31) 2020904241 (32) 17.11.20 (33) AU

(71) Derrick Corporation
(21) 2021250991 (22) 18.10.2021
(54) APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
(62) 2020250198

(71) Dexcom, Inc.
(21) 2021254662 (22) 22.10.2021
(54) Transcutaneous analyte sensors, applicators therefor, and associated methods
(62) 2019226297

(71) Donmark Holdings Inc.
(21) 2021254668 (22) 25.10.2021
(54) Collapsible Aerial Firefighting Buckets
(31) 63/105,110 (32) 23.10.20 (33) US

(71) Duke University
(21) 2021254546 (22) 19.10.2021
(54) Methods to diagnose and treat acute respiratory infections
(62) 2016288208

(71) Eddy Current Limited Partnership
(21) 2021254528 (22) 19.10.2021
(54) TUNING OF A KINEMATIC RELATIONSHIP BETWEEN MEMBERS
(62) 2020200540

(71) E Ink California, LLC
(21) 2021254563 (22) 20.10.2021
(54) PIEZO ELECTROPHORETIC DISPLAY
(62) 2019269644

(71) Element Biosciences, Inc.
(21) 2021254575 (22) 20.10.2021

(54) High performance fluorescence imaging module for genomic testing assay
(62) 2021207987

(71) Equinix, Inc.
(21) 2021254533 (22) 19.10.2021
(54) Service peering exchange
(62) 2018285865

(71) EQUI-nom Ltd.
(21) 2021254583 (22) 20.10.2021
(54) HIGH YIELD SESAME
(31) 17/076,027 (32) 21.10.20 (33) US
17/360,371 28.06.21 US

(71) FERRER, J.
(21) 2021250981 (22) 15.10.2021
(54) SYSTEM AND METHOD FOR REAL-TIME SYNCHRONIZATION OF MEDIA CONTENT VIA MULTIPLE DEVICES AND SPEAKER SYSTEMS
(62) 2017232793

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021254530 (22) 19.10.2021
(54) BREATHING ASSISTANCE APPARATUS
(62) 2019280016

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021254540 (22) 19.10.2021
(54) GEL RESUSCITATION MASK
(62) 2020201718

(71) FISHER & PAYKEL HEALTHCARE LIMITED
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(54) BREATHING ASSISTANCE APPARATUS
(62) 2016281890

(71) Ganalila
(21) 2021254670 (22) 25.10.2021
(54) SYSTEMS AND METHODS FOR PROVIDING SECURITY VIA INTERACTIVE MEDIA
(62) 2020200650

(71) Gen-Probe Incorporated
(21) 2021254645 (22) 22.10.2021
(54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde
(62) 2019284088

(71) Genzyme Corporation
(21) 2021250986 (22) 15.10.2021
(54) Compositions and methods for treating and preventing macular degeneration
(62) 2019203413

(71) Gilead Sciences, Inc.
(21) 2021254625 (22) 21.10.2021
(54) FXR (NR1H4) modulating compounds
(62) 2020202618

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021254663 (22) 22.10.2021
(54) COMMUNICATION AND INTERACTION METHOD AND SYSTEM
(31) 202011139062.2 (32) 22.10.20 (33) CN

(71) Hao, G.
(21) 2021254649 (22) 22.10.2021
(54) Table for cue sports
(31) 2020903983 (32) 02.11.20 (33) AU

(71) Harex Infotech Inc.
(21) 2021254560 (22) 19.10.2021
(54) Bill splitting system
(62) 2018252889

(71) Hasan, S.K.
(21) 2021254601 (22) 21.10.2021
(54) Method and device for managing security in a computer network
(62) 2016297439

Healgen Scientific Limited see Zhejiang Orient Gene Biotech Co., Ltd
(21) 2021254554

(71) Henan Billions Advanced Material Co., Ltd
(21) 2021254548 (22) 19.10.2021
(54) Method for preparing high TiO₂ grade material from ilmenite middlings
(31) 202011186492.X (32) 30.10.20 (33) CN

(71) Histide AG
(21) 2021254604 (22) 21.10.2021
(54) Compounds for inducing tissue formation and uses thereof
(62) 2016311298

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(21) 2021254631 (22) 22.10.2021
(54) Compounds for inducing tissue formation and uses thereof
(62) 2016310551

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(54) Compounds for inducing tissue formation and uses thereof
(62) 2016311300

(71) Howmedica Osteonics Corp.
(21) 2021250994 (22) 18.10.2021

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(54) Shoulder prosthesis components and assemblies

(62) 2019352591

(71) HOWMEDICA OSTEONICS CORP.

(21) 2021254513 (22) 18.10.2021

(54) ANTHROPOMETRIC POSTERIOR CONDYLE

(31) 63/106,385 (32) 28.10.20 (33) US

(71) Hoyt Medical LLC

(21) 2021250983 (22) 15.10.2021

(54) SYSTEMS AND METHODS FOR TREATING AN AIRWAY

(71) Huawei Technologies Co., Ltd.

(21) 2021254610 (22) 21.10.2021

(54) Managing a plurality of free windows in drop-down menu of notification bar

(62) 2017437992

(71) IKEA Supply AG

(21) 2021254618 (22) 21.10.2021

(54) A three-dimensional fiber block article obtainable by molding of a fiber blank

(62) 2017368294

(71) Illinois Tool Works Inc.

(21) 2021254544 (22) 19.10.2021

(54) A magnetic clamp

(62) 2019257471

(71) Illinois Tool Works Inc.

(21) 2021254550 (22) 19.10.2021

(54) Anchor

(31) 2020903872 (32) 26.10.20 (33) AU
2020904691 16.12.20 AU

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(21) 2021254593 (22) 20.10.2021

(54) Sequence-Detection System

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(71) Illumina, Inc.

(21) 2021257892 (22) 25.10.2021

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(62) 2019275457

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(54) Method for isolating curcuminoids from turmeric rhizome

(71) Implantica Patent Ltd

(21) 2021254640 (22) 22.10.2021

(54) System And Method For Thermal Treatment Of Hypertension, Hypotension Or Aneurysm

(62) 2019219805

INSERM (Institut National de la Sante et de la Recherche Medicale) see Institut Curie

(21) 2021250987

(71) Institut Curie; INSERM (Institut National de la Sante et de la Recherche Medicale)

(21) 2021250987 (22) 15.10.2021

(54) Methods for detecting inactivation of the homologous recombination pathway (BRCA1/2) in human tumors

(62) 2019200605

(71) Institute for Advanced Engineering

(21) 2021254598 (22) 21.10.2021

(54) Gas transfer module and gas transfer module assembly of co-electrolysis system

(31) 10-2020-0188191 (32) 30.12.20 (33) KR

(71) Institute of Exploration Techniques, Chinese Academy of Geological Sciences

(21) 2021254556 (22) 19.10.2021

(54) POWER DEVICE FOR LOWERING PIPE STRING IN MOON POOL RE-GION

(31) 202011123814.6 (32) 20.10.20 (33) CN

(71) Institute of Exploration Techniques, Chinese Academy of Geological Sciences

(21) 2021254558 (22) 19.10.2021

(54) METHOD FOR OFFLINE LOWERING PIPE STRING ON OFFSHORE SINGLE DERRICK PLATFORM

(31) 202011123837.7 (32) 20.10.20 (33) CN

(71) Itron Networked Solutions, Inc.

(21) 2021254571 (22) 20.10.2021

(54) Distributed smart grid processing

(62) 2020200520

(71) Juris Legal Support Pty Ltd

(21) 2021254657 (22) 22.10.2021

(54) Focusing light shielding air steriliser

(31) 202122227609.0 (32) 15.09.21 (33) CN

Kao, C. see I-Mei Foods Co., Ltd.

(21) 2021254580

(71) Karl Leibinger Medizintechnik GmbH & Co. KG

(21) 2021254634 (22) 22.10.2021

(54) Mobile implant production unit

(62) 2016303120

(71) KFC Roofing Supplies Pty Ltd

(21) 2021254555 (22) 19.10.2021

(54) CLADDING PANEL RETAINING APPARATUS

(31) 2020903776 (32) 19.10.20 (33) AU

(71) K Fresh Co., Ltd.

(21) 2021254531 (22) 19.10.2021

(54) ASSEMBLY FOR ACCESSING COCONUT WATER IN COCONUT

(62) 2020294234

(71) LG ELECTRONICS INC.

(21) 2021254590 (22) 20.10.2021

(54) Cleaning Apparatus

(62) 2019271881

(71) LG ELECTRONICS INC.

(21) 2021254606 (22) 21.10.2021

(54) ELECTRIC MOTOR ASSEMBLY

(31) 10-2020-0137693 (32) 22.10.20 (33) KR

(71) LG ELECTRONICS INC.

(21) 2021254644 (22) 22.10.2021

(54) CLOTHING PROCESSING APPARATUS, CONTROL METHOD OF CLOTHING PROCESSING APPARATUS, AND ONLINE SYSTEM INCLUDING CLOTHING PROCESSING APPARATUS

(62) 2018257685

(71) LG ELECTRONICS INC.

(21) 2021254654 (22) 22.10.2021

(54) REFRIGERATOR

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(71) Lyteloop Technologies, LLC

(21) 2021254612 (22) 21.10.2021

(54) Data in motion storage system and method

(62) 2020201142

(71) Manitou Italia S.r.l.

(21) 2021254617 (22) 21.10.2021

(54) Improved fork carrier

(31) 10202000025180 (32) 23.10.20 (33) IT

(71) MedImmune Limited

(21) 2021257881 (22) 25.10.2021

(54) A NOVEL IL33 FORM, MUTATED FORMS OF IL33, ANTIBODIES, ASSAYS AND METHODS OF USING THE SAME

(62) 2019250213

Memorial Sloan Kettering Cancer Center see St. Jude Children's Research Hospital, Inc.

(21) 2021254537

(71) Mesoblast International Sarl

(21) 2021254538 (22) 19.10.2021

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(62) 2016227607

(71) miDiagnostics NV
(21) 2021254626 (22) 21.10.2021
(54) An arrangement for mixing fluids in a capillary driven fluidic system
(62) 2018322819

(71) Milwaukee Electric Tool Corporation
(21) 2021254648 (22) 22.10.2021
(54) Terminal configuration for a battery pack
(62) 2018240551

(71) Minerva Biotechnologies Corporation
(21) 2021254602 (22) 21.10.2021
(54) Humanized anti-MUC1* antibodies
(62) 2016219350

(71) Mozafari, M.
(21) 2021254596 (22) 20.10.2021
(54) METHOD AND COMPOSITIONS AS GREEN-TECH PRESERVATIVES FOR FOOD PRODUCTS

(71) NAGAKI SEIKI CO., LTD.
(21) 2021254603 (22) 21.10.2021
(54) Connection structure of operation rod
(62) 2018303413

(71) NEO NEBULA PTY LTD
(21) 2021254561 (22) 19.10.2021
(54) A DEVICE, METHOD AND SYSTEM FOR THE SECURE STORAGE OF DATA IN A DISTRIBUTED MANNER

(71) NeuSpera Medical Inc.
(21) 2021254572 (22) 20.10.2021
(54) Midfield transmitter and injectable mid-field receiver
(62) 2020203672

(71) Newton, M.
(21) 2021254597 (22) 20.10.2021
(54) Improved Hot Water System
(31) 2020903807 (32) 21.10.20 (33) AU

(71) Nextracker Inc.
(21) 2021257887 (22) 25.10.2021
(54) Solar Module Mounting System
(62) 2019262608

(71) Nicoventures Trading Limited
(21) 2021254534 (22) 19.10.2021
(54) Data capture across devices
(62) 2018394162

(71) Nicoventures Trading Limited
(21) 2021254587 (22) 20.10.2021
(54) Cartridge for use with apparatus for heating smokable material
(62) 2019261764

(71) Nocimed, Inc.; The Regents of the University of California
(21) 2021254588 (22) 20.10.2021
(54) MR SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAINFUL AND NON-PAINFUL INTERVERTEBRAL DISCS
(62) 2020201823

(71) Nogra Pharma Limited
(21) 2021250993 (22) 18.10.2021
(54) Aryl receptor modulators and methods of making and using the same
(62) 2019280023

(71) Nokia Technologies Oy
(21) 2021254647 (22) 22.10.2021
(54) Network slice-specific access barring for wireless networks
(62) 2018314932

(71) Norwood Industries Inc.
(21) 2021257893 (22) 25.10.2021
(54) TRUNNION MOUNTED BLADE GUIDE
(31) 3097733 (32) 02.11.20 (33) CA

(71) Novartis AG
(21) 2021254559 (22) 19.10.2021
(54) IL-1BETA BINDING ANTIBODIES FOR USE IN TREATING CANCER
(62) 2018287519

(71) Novomatic AG
(21) 2021254624 (22) 21.10.2021
(54) SYSTEM AND METHOD FOR A COMMUNITY GAME WITH HYBRID JACKPOT FUNDING
(62) 2019272043

(71) Nulty, A.
(21) 2021254529 (22) 19.10.2021
(54) Method of Creating a Dental Implant Drill-Guide
(62) 2017217320

(71) O'Reilly, M.
(21) 2021254664 (22) 22.10.2021
(54) Exercise Equipment
(31) 2016864.7 (32) 23.10.20 (33) GB

(71) One Home Brands, Inc.
(21) 2021254562 (22) 20.10.2021
(54) STABLE ANHYDROUS DISINFECTANT CONCENTRATE FORMULA-

TION AND METHOD OF MAKING THE SAME
(31) 63/106,998 (32) 29.10.20 (33) US

(71) Opex Corporation
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(62) 2020256359

(71) Orica International Pte Ltd
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(54) A wireless initiation device
(62) 2015280721

(71) Oticon Medical A/S
(21) 2021254619 (22) 21.10.2021
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(31) 20203515.0 (32) 23.10.20 (33) EP

(71) Palo Alto Research Center Incorporated
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(31) 17/104,800 (32) 25.11.20 (33) US

(71) PerkinElmer Health Sciences, Inc.; University of Washington
(21) 2021254547 (22) 19.10.2021
(54) Compounds and methods relating to testing for lysosomal storage disorders
(62) 2019268208

(71) PHD, Inc.
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(71) Poseida Therapeutics, Inc.
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(62) 2016278226

(71) Qingdao University of Technology
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(71) Raco, A.
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(54) App for Builders seeking trades

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 (54) Thermal transfer blanket system
 (31) 63/094,311 (32) 20.10.20 (33) US
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(71) The NOCO Company
 (21) 2021254622 (22) 21.10.2021
 (54) Battery assembly device
 (62) 2020200268

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(71) Uber Technologies, Inc.
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 (54) Modulation of microRNAs against
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 (62) 2017328728

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(71) USNR, LLC
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(71) Vapotherm, Inc.
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(71) Visa Europe Limited
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 (54) TRANSACTION AUTHORISATION
 (62) 2015365651

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(71) Zhejiang Orient Gene Biotech Co., Ltd;
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 (21) 2021254554 (22) 19.10.2021
 (54) DEVICE FOR ANALYTE ASSAYS
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 (31) 202011145454.X (32) 23.10.20 (33) CN
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<hr/> <p>(71) 100% Useful Pty Ltd (21) 2021107595 (22) 27.10.2021 (54) Spacer (62) 2016409613</p> <hr/> <p>(71) Abraham, M.T.; Satyam, N.; Pradhan, B. (21) 2021106606 (22) 23.08.2021 (54) MODELLING CALIBRATION OF FRICTION PARAMETERS FOR DEBRIS FLOW</p> <hr/> <p>ACHAMO, Z.W. see SAKTHIVEL, G. (21) 2021106453</p> <hr/> <p>(71) Acharya, S. (21) 2021106548 (22) 23.08.2021 (54) TRANSPORTABLE HYBRID WIND-SOLAR POWER GENERATION SYSTEM</p> <hr/> <p>Acharya, B. see Rout, R.K. (21) 2021106572</p> <hr/> <p>Acharya, B. see Anuradha, Y. (21) 2021106628</p> <hr/> <p>Adwani, R.N. see Raut, R.D. (21) 2021106623</p> <hr/> <p>Agarwal, N. see Kumar, M. (21) 2021106489</p> <hr/> <p>(71) Agarwal, P.; Yadav, S.; Haldorai, A.; Anusuya, M.; Mahendran, R.K.; Meenakshi, K.; M Bartere, M.; Upadhyaya, M. (21) 2021106674 (22) 23.08.2021 (54) Semantics based intelligent search method for cloud E-healthcare records</p> <hr/> <p>Agrawal, D.K. see Dubey, R. (21) 2021106437</p> <hr/> <p>Alam, M. see Indra, G. (21) 2021106619</p> <hr/> <p>(71) Anil, G.R. (21) 2021106627 (22) 23.08.2021</p>	<p>(54) A BLOCK-CHAIN ENABLED REFERENCE ARCHITECTURE SYSTEM FOR A SMART LEARNING TECHNOLOGY</p> <hr/> <p>Anitha, B. see Saranraj, P. (21) 2021106648</p> <hr/> <p>(71) Anuradha, Y.; Kuanr, M.; Subham, P.; Patra, T.K.; Mohapatra, P.; Nanda, I.; Garikapati, K.; Acharya, B. (21) 2021106628 (22) 23.08.2021 (54) IMAGE PROCESSING BASED COVID-19 PREDICTION USING DEEP LEARNING</p> <hr/> <p>Anusuya, M. see Agarwal, P. (21) 2021106674</p> <hr/> <p>Arjariya, T. see Gangwar, M. (21) 2021106664</p> <hr/> <p>Arya, N. see Singh, U. (21) 2021106273</p> <hr/> <p>Ashraf, M. see Gangwar, M. (21) 2021106664</p> <hr/> <p>Asokk, D. see Kulkarni, G. (21) 2021106426</p> <hr/> <p>Asthana, S. see Kalmani, V.H. (21) 2021106427</p> <hr/> <p>Atulkar, A. see Singh, U. (21) 2021106273</p> <hr/> <p>Atulkar, M. see Srivastava, S. (21) 2021106649</p> <hr/> <p>Aute, K. see Kulkarni, G. (21) 2021106426</p> <hr/> <p>(71) B, S.; R, T.; M, P.; K, G.; S, V.; E, N. (21) 2021106552 (22) 23.08.2021 (54) DEVICES, METHODS AND SYSTEMS FOR REFRACTIVE ERROR PREDICTION THEREOF</p> <hr/> <p>(71) B, S.; T, P.; R, T.; G, D. (21) 2021106555 (22) 23.08.2021</p>	<p>(54) PUBLIC HEALTH SCREENING FOR COGNITIVE HEALTH USING SILICONE BASED EEG DRY SENSOR</p> <hr/> <p>(71) B., S.; T., P.; R., S.; V., K. (21) 2021106563 (22) 23.08.2021 (54) IMPLANTABLE CARDIAC MONITORING AND STIMULATION DEVICES WITH SENSOR FEEDBACK COMPETENCE</p> <hr/> <p>Bakhshi, D. see Gangwar, M. (21) 2021106664</p> <hr/> <p>BALAMURUGAN, S.A.A. see KANNAN, A.S.K. (21) 2021106583</p> <hr/> <p>BALARAMAN, D. see SUBRAMANIAN, K. (21) 2021106651</p> <hr/> <p>(71) BALUSHI, Y.A.; SRINIVASAN, K.; SUBHI, S.S.M.A.; TABASH, B.K.H. (21) 2021106643 (22) 23.08.2021 (54) IMPACT OF HIGHER EDUCATIONAL INSTITUTION AND SOCIAL MEDIA IN DISSEMINATING SOCIAL INSURANCE</p> <hr/> <p>Bedi, P. see Raut, R.D. (21) 2021106623</p> <hr/> <p>Bera, R. see Biswas, P. (21) 2021106566</p> <hr/> <p>Bernardini, S. see Dabla, P.K. (21) 2021106431</p> <hr/> <p>BHARATHI, P. see SAKTHIVEL, G. (21) 2021106453</p> <hr/> <p>Bharti, P. see Kumar, A. (21) 2021106600</p> <hr/> <p>Bhatt, N. see Singh, U. (21) 2021106273</p> <hr/> <p>Bhojwani, K. see Kulkarni, G. (21) 2021106426</p>
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(71) Bindhani, B.R.; Mohanty, P.; Mohanty, D.D.; Roy, S.S.
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(71) Biswas, P.; Bera, R.
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(71) Champaty, B.; Murthy, R.R.; Dominic, V.; Sanober, S.; Shukla, A.; Gure, A.T.; Ravikumar, S.; Dash, A.; Rattan, P.; Neware, R.; Mukunthan, M.; Sivaraman, A.K.
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2021106561	Singhai, R.; Upreti, K.; Dembla, N.; Sendre, R.; Raikwal, J.; Jatav, P.K.	2021106638	Lovely Professional University
2021106562	R., P.	2021106639	Lovely Professional University
2021106563	B., S.; T., P.; R., S.; V., K.	2021106640	Lovely Professional University
2021106566	Biswas, P.; Bera, R.	2021106642	Shakya, A.; Sinha, S.K.; Prasad, S.K.; Laloo, D.; Dash, B.; Garabadu, D.; Shivavedi, N.; Singh, S.K.
2021106569	Khairwal, N.K.; Shah, D.	2021106643	BALUSHI, Y.A.; SRINIVASAN, K.; SUBHI, S.S.M.A.; TABASH, B.K.H.
2021106572	Rout, R.K.; Umer, S.; Ranga, C.; Sahoo, R.; Acharya, B.	2021106645	SUBRAMANIAN, K.; SANTHOSHKUMAR, A.W.; RENUGA, P.S.; N, S.D.; MARIAPPAN, M.; ELAMARAN, A.; M, M.; K, E.; PANANGAL, M.; THIRUNAVUKKARASU, R.
2021106573	C R, K.; kshatri, S.; Nayak, M.; Neware, R.; Kumar, A.; J, P.; Hasan, M.A.; Shaik, B.; Pallathadka, H.; Senthil, R.; Ghosh, A.; Debnath, P.	2021106648	Saranraj, P.; Sudha, A.; Anitha, B.; Totewad, N.D.; Jabeen, T.M.S.; Hasan, M.S.; Manjaramkar, V.
2021106579	Jadhav, Y.H.; Parasar, D.	2021106649	Srivastava, S.; Sharma, T.; Atulkar, M.; Choudhary, P.K.; Tiwari, S.; Chande, M.K.; Nagwanshi, K.K.; Tiwari, R.
2021106582	MIT Art Design and Technology University; Pawar, H.; Sachdeo, R.	2021106651	SUBRAMANIAN, K.; KUMARAPPAN, A.; PANANGAL, M.; BALARAMAN, D.; SANTHOSHKUMAR, A.W.; C, A.D.; RAO, T.N.; N, P.; U, S.G.; RENUGA, P.S.; U, S.G. Chaurasia, V.; Gupta, T.K.
		2021106652	Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India
		2021106653	Hindustan Institute of Technology and Science
		2021106654	Kulkarni, P.S.
		2021106657	Murthy, R.R.; Yuvaraj, D.; Gowda V, D.; Kumar, A.; Nagaraju, A.; Neware, R.; Pallathadka, H.; Pai, K.B.; Chakrabarti, P.; Das, A.; Ghosh, A.; Jeevan, A.
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2021106659	Cuenca, U.C.	2021106668	Vishwakarma Institute of Information Technology
2021106660	Manipal University Jaipur	2021106669	Manipal University Jaipur
2021106662	Shaik, B.; Sirohi, S.; Neware, R.; Gopu, V.; Nagaraju, A.; Shankar Hati, A.; Jani, S.; Thakur, M.; Deepak, S.S.K.; Sharma, V.K.; Rajalakshmi, M.; Chakrabarti, P.	2021106670	Vishwakarma Institute of Information Technology
2021106664	Gangwar, M.; Ashraf, M.; Katiyar, D.; Tiwari, S.; Umrao, L.S.; Gangwar, V.P.; Mishra, R.; Arjariya, T.; Bakhshi, D.; Singh, S.	2021106671	Manipal University Jaipur
2021106665	Shetty C S, S.; Mathiazhagan, V.; Meenakshi Sundhari, R.P.; M, V.; Webber, J.; Sampath, P.; Mehbodniya, A.; Pallathadka, H.; Singhal, A.; Hati, A.S.; Neware, R.; Chakrabarti, P.	2021106673	National Institute of Technology Warangal
2021106666	Hindustan Institute of Technology and Science	2021106674	Agarwal, P.; Yadav, S.; Haldorai, A.; Anusuya, M.; Mahendran, R.K.; Meenakshi, K.; M Bartere, M.; Upadhyaya, M.
2021106667	Vishwakarma Institute of Information Technology	2021107593	FISHER & PAYKEL HEALTHCARE LIMITED
		2021107594	Walker, C.; Lucke, T.
		2021107595	100% Useful Pty Ltd
		2021107596	Fuchs Petrolub SE
		2021107597	The Banktech Group Pty Ltd
		2021107598	Redei Innovations Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified

- N Applications not Open to Public Inspection

2001

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2016

2016254532 Steven Gill Anaesthetic Services Ltd The application has been assigned to **SAFE IV LTD**

2017

2017204876 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**.

2017209330 Grail, Inc. The application has been assigned to **Grail, LLC**

2017230011 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2017236701 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2017248570 MAN Truck & Bus Österreich GesmbH The application has been assigned to **MAN Truck & Bus SE**

2017250692 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2017250773 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2017279730 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**.

2017287785 Kongsberg Maritime CM AS The application has been assigned to **Kongsberg Maritime AS**

2017287786 Kongsberg Maritime CM AS The application has been assigned to **Kongsberg Maritime AS**

2017292791 Durect Corporation The application has been assigned to **Orient Pharma Co., Ltd.**

2017299137 Biopolis, S.L.; Korott, S.L.; Bionou Research, S.L. The application has been assigned to **Bionou Research, S.L.; Biopolis, S.L.**

2017323629 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2017325871 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2017342273 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2017346683 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

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2017355504 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2017355732 Grail, Inc. The application has been assigned to **Grail, LLC**.

2017362484 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

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2018203667 STRYKER EUROPEAN HOLDINGS I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2018221730 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2018225546 iCo Therapeutics Inc. The application has been assigned to **Satellos Bioscience Inc.**

2018256558 McCollum, Kerry; Donovan, Brett Norman; Donovan Group NZ Limited The application has been assigned to **Donovan Group NZ Limited**

2018273979 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2018335877 Freeman, Dan The application has been assigned to **Wiley X, Inc.**

2018361531 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2018379592 Kongsberg Maritime CM AS The application has been assigned to **Kongsberg Maritime AS**

2018385694 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2018385699 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2018392080 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019

2019203557 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2019204211 MAN Truck & Bus Österreich GesmbH The application has been assigned to **MAN Truck & Bus SE**

2019213211 Enterprise Therapeutics Limited The application has been assigned to **TMEM16A LIMITED**

Assignments before Grant, Section 113

2019219729 British American Tobacco (Investments) Limited The application has been assigned to **Nicoventures Trading Limited**

2019234843 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019249422 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019253112 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019261783 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019264701 EPC Natural Products Co., LTD.; Shi, Weiyao The application has been assigned to **EPC Natural Products Co., LTD.**

2019269742 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019272048 L-3 Communications Corporation The application has been assigned to **CAE USA Inc.**

2019272538 Gilead Sciences, Inc. The application has been assigned to **The Liver Company Inc.**

2019277698 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019282632 Lightelligence, Inc. The application has been assigned to **Lightelligence PTE. Ltd.**

2019287720 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019314397 iCo Therapeutics Inc. The application has been assigned to **Satellos Bioscience Inc.**

2019315114 Iwate Medical University Educational Foundation The application has been assigned to **Quantdetect, Inc.**

2019351130 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019356268 Lumenis Ltd The application has been assigned to **Lumenis Be Ltd.**

2019371638 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2019395334 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019396553 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019397152 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

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2019397364 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2019401636 Grail, Inc. The application has been assigned to **Grail, LLC.**

2019403269 GRAIL, Inc. The application has been assigned to **Grail, LLC.**

2019404445 Grail, Inc. The application has been assigned to **Grail, LLC.**

2020

2020201092 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2020201489 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2020204218 Sightline Interactive LLC The application has been assigned to **Sightline Payments LLC**

2020211990 Bluebird Bio, Inc. The application has been assigned to **2seventy bio, Inc.**

2020212057 GRAIL, Inc. The application has been assigned to **Grail, LLC.**

2020217719 GRAIL, Inc. The application has been assigned to **Grail, LLC.**

2020219853 GRAIL, Inc. The application has been assigned to **Grail, LLC.**

2020234772 NuXcel, Inc. The application has been assigned to **ShiraTronics, Inc.**

2020254695 Grail, Inc. The application has been assigned to **Grail, LLC.**

2020261259 Blackmore Sensors and Analytics, Inc The application has been assigned to **Blackmore Sensors & Analytics, LLC**

2020273374 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2020280997 ANTONY, Benny The application has been assigned to **Arjuna Natural Private Limited**

2021

2021106892 K & L Ea Pty Ltd The application has been assigned to **ARROWES IP HOLDINGS PTY LTD**

2021200391 Grail, Inc. The application has been assigned to **Grail, LLC.**

Assignments before Grant, Section 113

2021200947 **STRYKER EUROPEAN HOLDINGS I, LLC** The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**.

2021201147 **Bluebird Bio, Inc.** The application has been assigned to **2seventy bio, Inc.**

2021201954 **Cervino, Carl** The application has been assigned to **Illuminated Box Solution Pty Ltd**

2021202097 **RESERO PTY LTD** The application has been assigned to **RESERO PTY LTD; Resero IP Limited**

2021203382 **Enlivex Therapeutics Ltd.** The application has been assigned to **Enlivex Therapeutics RDO Ltd**

2021221686 **NEAL, Daryl; Lekkie Limited; LEYTEN, Philip; MAWSON, Donald** The application has been assigned to **Lekkie Limited**

2021250939 **Fee, Conan; Fragranzi Limited** The application has been assigned to **Fragranzi Limited**

2021900709 **Fonterra Co-operative Group Limited; REID, David; PURYER COKER, Christina; LEGG, Andrew; HILL, Jeremy; DYBING, Stephen; KISHOR, Leena; HARPER, Samuel** The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021900710 **KISHOR, Leena; DYBING, Stephen; HARPER, Samuel; FONTERRA CO-OPERATIVE GROUP LIMITED; REID, David; PURYER COKER, Christina; LEGG, Andrew; HILL, Jeremy** The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021903132 **BLIS TECHNOLOGIES LIMITED; HALE, JOHN DAVID; Tagg, John; Jones, Nicola; JAIN, ROHIT** The application has been assigned to **BLIS TECHNOLOGIES LIMITED**

Extensions of Time, Section 223

Applications Received

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

2016

2016355594 **The General Hospital Corporation** An application to extend the time from 21 Nov 2020 to 21 Sep 2021 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018208716 **Incredible Foods, Inc.** An application to extend the time from 28 Jan 2021 to 28 Aug 2021 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021203507 **Levitas, Inc.; Facer, G.; Travers, K.; De Groot, T.** An application to extend the time from 30 May 2020 to 30 May 2021 in which to claim the convention priority date has been filed . Address for service

Extensions of Time, Section 223

- Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Applications Allowed - Section 223(2)

2005

2005304663 **Azdel, Inc.** The time in which to pay a renewal fee has been extended to 08 Jun 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2006

2006292344 **Dalal, P.** The time in which to pay a renewal fee has been extended to 18 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2009

2009208375 **Groening, D.** The time in which to pay a renewal fee has been extended to 30 Jan 2021 . Address for service - Dean Karsten Groening PO Box 5092 Lyneham ACT 2602 AU

2017

2017254901 **Brighton Australia Pty Ltd** The time in which to request examination has been extended to 17 Nov 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2019

2019235551 **Ratti, J.** The time in which to gain acceptance has been extended to 16 Jan 2022 . Address for service - Jayant Ratti C/O Kana-lysis 111 Eagle Street, Level 54 Brisbane QLD 4000 AU

2020

2020201908 **Nokia Technologies Oy** The time in which to pay a continuation fee has been extended to 21 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020204064 **Body Vision Medical Ltd.** The time in which to pay a continuation fee has been extended to 20 Jun 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020204127 **Conex IPR Limited** The time in which to pay a continuation fee has been extended to 29 Jun 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2021

2021229221 **The NOCO Company** The time in which to make a further application for a divisional patent has been extended to 27 Sep 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021232723 **The NOCO Company** The time in which to make a further application for a divisional patent has been extended to 27 Sep 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

Amendments

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

2012

2012243436 Leach process **BioHeap Limited** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2021 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2016

2016285720 Methods of treating epithelioid cell tumors **Abraxis Bioscience, LLC** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2021 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016299873 System and method for the creation and use of visually-diverse high-quality dynamic visual data structures **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2021 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2016380866 Cartridge systems useful in cleaning dialysis solutions **Fresenius Medical Care Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2017

2017294523 An improved system for estimating water flows at the boundaries of a sub-network of a water distribution network **Suez Groupe** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017357775 Updating the configuration of a cloud service **Connect-Wise, Inc. ; Fulton , C. ; Burgess , S. ; Bellini , A.** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018

2018275359 Antibodies specific for FLT3 and their uses **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2018373559 Smoking article **Nicoventures Trading Limited** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018375426 Oral care compositions **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s)

Amendments

filed 21 Oct 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2019

2019226297 Transcutaneous analyte sensors, applicators therefor, and associated methods **Dexcom, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2019412870 Conveyor belt **The Yokohama Rubber Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2021 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020201086 Labeled inhibitors of prostate specific membrane antigen (PSMA), their use as imaging agents and pharmaceutical agents for the treatment of prostate cancer **Deutsches Krebsforschungszentrum ; Ruprecht-Karls-Universität Heidelberg** The nature of the amendment is: Add the name of co-inventor KRATOCHWIL, Clemens . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2020286279 GOODS PROTECTION LABEL THAT MAY BE SECURED TO A PRODUCT **Fox Guard IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 19 Oct 2021 . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

Amendments Made

2013

2013101518 **THE ADVANCED TECHNOLOGY GROUP PTY LTD** The nature of the amendment is as shown in the statements filed 14 Jan 2019 and 15 May 2019

2015

2015101178 **Traffic & Access Solutions Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2021 and 22 Oct 2021

2015201588 **ASSA ABLOY New Zealand Limited** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2021

2016

2016290654 **Mimetogen Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2021

2016342157 **Beyond Meat, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2021

2016362761 **Netafim Ltd** The nature of the amendment is as shown in the statement filed 04 Feb 2021

2016414392 **Lomax Group Pty Ltd** The nature of the amendment is as shown in the statement filed 23 Jun 2021

Amendments**2017**

2017208033 **Sun Pharmaceutical Industries Australia Pty Limited** The nature of the amendment is as shown in the statement filed 01 Jul 2021

2017220488 **SeedMaster Manufacturing Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2021

2017245309 **Daudet, L.** The nature of the amendment is: Add the name of a co-inventor as Oellerich, Paul Howard

2017266433 **AlgoDriven Limited** The nature of the amendment is: Application is to proceed under the number 2017101920

2017292582 **American Gene Technologies International Inc.** The nature of the amendment is as shown in the statement filed 06 Jul 2021

2017377672 **Baraja Pty Ltd** The nature of the amendment is as shown in the statement filed 26 May 2021

2017380440 **Orbital Marine Power Limited** The nature of the amendment is: Amend the name of the inventor to read Meason, Jonathan; Miller, Calum; Annal, William; Harrison, Andrew; Bondoux, Axel; Henderson, Ross McKay; Gibson, Carn Nathaniel George; Taylor, Charles Andrew Edward and Benzie, Jonathan Ian

2017431764 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2021

2018

2018211536 **Chemcom S.A.; Givaudan S.A.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2021

2018290441 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2018102228

2018320556 **Luoyang Landglass Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102229

2018337493 **Tillotts Pharma AG** The nature of the amendment is: Amend the name of the inventor to read VARUM, Felipe; VON ROCHOW, Laetitia; GOETZ, Carmen and BRAVO, Roberto

2018427607 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read HEAT EXCHANGER, HEAT EXCHANGER UNIT, AND REFRIGERATION CYCLE APPARATUS

2019

2019204822 **Schneider Electric USA, Inc.** The nature of the amendment is as shown in the statement filed 08 Jul 2021

2019208210 **Lippert Components, Inc** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2021

2019433371 **Spreadtrum Communications (Shanghai) Co., Ltd.** The nature of the amendment is: Amend the invention title to

Amendments

read DATA SENDING METHOD, TERMINAL DEVICE AND STORAGE MEDIUM

2019438571 **Komatsu Reman Center Chile S.A.** The nature of the amendment is: Amend the invention title to read System and method for constantly monitoring the state of the oil of the wheels of heavy machinery, in particular mining trucks, while they are in motion

2020

2020227459 **Kabushiki Kaisha Yakult Honsha** The nature of the amendment is: Amend the invention title to read Food/Beverage product, agent for masking off-flavor in food/beverage product, and method for masking off-flavor in food/beverage product

2020235775 **Plant Protection Research Institute of Guangdong Academy of Agricultural Sciences** The nature of the amendment is: Amend the invention title to read RICE BACTERIAL BLIGHT RESISTANT PROTEIN, CODING GENE THEREOF AND USE THEREFOR

2020239692 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read CROWLEY, Matthew W.; CARO, Pablo F.; DANIEL, Heather E.; BENHMIDA, Karim; CAVANDER, Dmitri; DUSSEAU, James D.; FELTON, Nicholas; GOSWAMI, Ruchi; NAGUIT, Charmian Bondoc; SALZMAN, Paul W.; SOLANKI, Pratik; TOM, Siji Rachel; AHMAD, Suhail; DOLL, Evan R.; LI, Zhe; LYNCH, Kevin; PAHWA, Aroon and SOLI, Christopher D.

2020239803 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read LEMAY, Stephen O.; FORSTALL, Scott; CHRISTIE, Greg; VAN OS, Marcel; CHAUDHRI, Imran; HERZ, Scott; MATAS, Michael; LEMAY, Stephen O.; FORSTALL, Scott; CHRISTIE, Greg; VAN OS, Marcel; CHAUDHRI, Imran; HERZ, Scott and MATAS, Michael

2020244911 **Tokai University Educational System; Nippon Zoki Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method of culturing cell population and use thereof

2020246221 **Sysmex Corporation** The nature of the amendment is: Amend the invention title to read Cell analysis method, training method for deep learning algorithm, cell analysis device, training apparatus for deep learning algorithm, cell analysis program, and training program for deep learning algorithm

2020254517 **Amgen Inc.** The nature of the amendment is: Amend the name of the inventor to read JOHNSON, William Leigh and CAMO BEHRENS, Martin Rodrigo

2020254549 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Device network system

2020254709 **SMC Technologies Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Sep 2021

2020257290 **Elios Vision, Inc.** The nature of the amendment is: Amend the invention title to read Systems and Methods for Performing an Intraocular Procedure for Treating an Eye Condition

2020263183 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Parameter Obtaining Method and Terminal Device

Amendments

2020267846 **Constellium Rolled Products Singen GmbH & Co.KG** The nature of the amendment is: Amend the invention title to read Method for manufacturing long metal sealing caps comprising a skirt having a constant thickness

2020272071 **Elroy Air, Inc.** The nature of the amendment is as shown in the statement filed 24 Sep 2021

2020282389 **Vale S.A.** The nature of the amendment is: Amend the invention title to read Process of disposal in piles of tailings stemming from the iron ore processing method

2021

2021102060 **Xinxiang Medical University; Xinxiang High-tech Zone Zhongyuan Stem Cell Research Institute** The nature of the amendment is: Amend the name of co-inventor to read Lin, Juntang

2021103314 **Central South University** The nature of the amendment is: Amend the name of the inventor to read LI, HAIFENG; HUANG, HAOZHE; PENG, JIAN; CHEN, LI and CUI, ZHENQI

2021103515 **National University of Defense Technology** The nature of the amendment is: Amend the name of the inventor to read Huang, Lilan; Song, Junqiang; Ren, Kaijun; Li, Xiaoyong; Leng, Hongze; Deng, Kefeng; Wang, Xiang; Chen, Rui and Wang, Dongzi

2021104014 **Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Chen, Jiansheng; Duan, Zhigang; Zhang, Tong; Hou, Yaying and Pan, Yiting

2021104138 **NANO HOME LOANS PTY LTD** The nature of the amendment is as shown in the statement filed 03 Aug 2021

2021107579 **HPS Tech Pty Ltd** The nature of the amendment is: Application is to proceed under number 2021258062

2021236471 **Snap-on Incorporated** The nature of the amendment is as shown in the statement filed 30 Sep 2021

2021240239 **TECHNOLOGIES ENDURIDE INC** The nature of the amendment is: Amend the invention title to read BELT CONVEYOR ROLLER WEAR LINER, BELT CONVEYOR ROLLER AND CONVEYOR INCLUDING SAME AND CORRESPONDING METHOD

Alteration of Name(s) of Applicant(s)/Patentee(s)

2004

2004221862 **Hexion Specialty Chemicals, Inc.** The name of the patentee has been altered to **Hexion Inc**

2005

2005258959 **Colonix Limited** The name of the patentee has been altered to **Origin Sciences Limited**

2006

2006291429 **BioNTech Protein Therapeutics GmbH** The name of the patentee has been altered to **BioNTech Delivery Technologies GmbH**

Amendments

2011

2011279552 **UNOTECH HOLDINGS PTY LTD** The name of the patentee has been altered to **KC8 CAPTURE TECHNOLOGIES LTD**

2011317116 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2011362297 **Eurostar Bidco Ltd.** The name of the patentee has been altered to **Angus Holdings Safety Group Limited**

2012

2012230853 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2013

2013337322 **Drilling Info, Inc.** The name of the patentee has been altered to **ENVERUS, INC.**

2013348119 **Drilling Info, Inc.** The name of the patentee has been altered to **ENVERUS, INC.**

2014

2014238169 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2014240040 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2014360472 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015

2015223173 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015230842 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015250082 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015252076 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015256478 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015269062 **Bluon Energy LLC** The name of the patentee has been altered to **Bluon, Inc.**

2015277486 **Medline Industries, Inc.** The name of the patentee has been altered to **Medline Industries, LP**

2015284441 **Pitco Frialator, Inc.** The name of the patentee has been altered to **PITCO Frialator, LLC**

Amendments**2016**

2016251223 UCB Biopharma Sprl The name of the applicant has been altered to **UCB Biopharma SRL**

2016280624 Joint Purification Systems, Inc. The name of the patentee has been altered to **Osteal Therapeutics, Inc.**

2016355919 UNOTECH HOLDINGS PTY LTD The name of the applicant has been altered to **KC8 CAPTURE TECHNOLOGIES LTD**

2016358161 PITCO Frialator, Inc. The name of the patentee has been altered to **PITCO Frialator, LLC**

2016379162 Pitco Frialator, Inc. The name of the patentee has been altered to **PITCO Frialator, LLC**

2017

2017210506 Medline Industries, Inc. The name of the patentee has been altered to **Medline Industries, LP**

2017237730 Bazoberry, LLC The name of the applicant has been altered to **Boston Wine Devices, LLC**

2017279764 Medline Industries, Inc. The name of the patentee has been altered to **Medline Industries, LP**

2017286817 Medline Industries, Inc. The name of the applicant has been altered to **Medline Industries, LP**

2017315862 Drilling Info, Inc. The name of the patentee has been altered to **ENVERUS, INC.**

2018

2018101220 PITCO FRIALATOR, INC. The name of the patentee has been altered to **PITCO Frialator, LLC**

2018231073 Medline Industries, Inc. The name of the applicant has been altered to **Medline Industries, LP**

2018237196 Drilling Info, Inc. The name of the patentee has been altered to **ENVERUS, INC.**

2018328186 Drilling Info, Inc. The name of the applicant has been altered to **ENVERUS, INC.**

2019

2019201880 Drilling Info, Inc. The name of the patentee has been altered to **ENVERUS, INC.**

2019232842 Medline Industries, Inc. The name of the patentee has been altered to **Medline Industries, LP**

2019240557 Medline Industries, Inc. The name of the applicant has been altered to **Medline Industries, LP**

2019271867 Baker Hughes, a GE company, LLC The name of the applicant has been altered to **Baker Hughes Holdings LLC**

Amendments**2020**

2020228033 Rgenix, Inc. The name of the applicant has been altered to **Inspirna, Inc.**

2020267846 Constellium Rolled Products Singen GmbH & Co.KG The name of the applicant has been altered to **Constellium Rolled Products Singen GmbH & Co.KG**

2020273311 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

2021

2021103008 Huazhong University of Science and Technology; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute; Yinlong New Energy Incorporated Company; Jiangsu Paineng Energy Technology Co., Ltd. The name of the patentee has been altered to **Huazhong University of Science and Technology; Yinlong Energy Co.,Ltd.; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute; Jiangsu Pylon Technologies Co., Ltd.**

2021105271 China Architecture Design & Research Group The name of the patentee has been altered to **China Architecture Design & Research Group Co., Ltd**

2021105272 China Architecture Design & Research Group The name of the patentee has been altered to **China Architecture Design & Research Group Co., Ltd**

2021106227 Sharma, Ankit; Babbar, Atul The name of the applicant has been altered to **Sharma, A.; Babbar, A.; Bhargave, H.; Tripathi, N.M.; Dosad, J.S.; Singh, L.; Uppal, A.S.; Pathri, B.P.; Bhaumik, S.; Gajghate, S.S.; Dhiman, M.; Mago, J.; Dhiman, V.; Chohan, J.S.**

2021106767 Beijing Daxing investment Group Co., Ltd ; GAI, Zheng The name of the applicant has been altered to **Beijing Daxing Investment Group Co., Ltd; GAI, Z.**

2021200774 Joint Purification Systems, Inc. The name of the applicant has been altered to **Osteal Therapeutics, Inc.**

Applications Open to Public Inspection

Name Index

- . (*) Title not in Roman characters
- . (**) Title not given

(71) 6 Over 6 Vision Ltd.
 (11) AU-A-2021250915
 (21) 2021250915 (22) 14.10.2021
 (54) APPARATUS, SYSTEM AND METHOD OF DETERMINING ONE OR MORE OPTICAL PARAMETERS OF A LENS
 (51) Int. Cl.
G01M 11/02 (2006.01)
G01B 9/00 (2006.01)
 (43) 11.11.2021
 (62) 2016261277
 (72) Limon, Ofer; Bachar, Haim; Altmark, Nir; Levy, Shahar
 (74) James & Wells Intellectual Property

(71) Adimab, LLC
 (11) AU-A-2021250973
 (21) 2021250973 (22) 15.10.2021
 (54) Antibody libraries
 (51) Int. Cl.
C40B 30/04 (2006.01)
 (43) 11.11.2021
 (62) 2019200298
 (72) VASQUEZ, Maximiliano; SIVASUBRAMANIAN, Arvind; FELDHAUS, Michael
 (74) FB Rice Pty Ltd

(71) Advanced Inhalation Therapies (AIT) Ltd.
 (11) AU-A-2021250976
 (21) 2021250976 (22) 15.10.2021
 (54) Nitric oxide inhalation therapy for infants with bronchiolitis
 (51) Int. Cl.
A61P 9/00 (2006.01)
A61K 31/198 (2006.01)
 (43) 11.11.2021
 (62) 2019283967
 (72) Av-Gay, Yossef; Greenberg, David; Tal, Asher
 (74) FPA Patent Attorneys Pty Ltd

(71) AeroVironment, Inc.
 (11) AU-A-2021250957
 (21) 2021250957 (22) 15.10.2021
 (54) Rotating lidar
 (51) Int. Cl.
G01C 3/08 (2006.01)
G01S 17/02 (2020.01)
G01S 17/66 (2006.01)
 (43) 11.11.2021
 (62) 2016307705
 (72) Miremadi, Reza
 (74) FB Rice Pty Ltd

(71) Aguti Produktentwicklung & Design GmbH
 (11) AU-A-2020202731
 (21) 2020202731 (22) 23.04.2020
 (54) Seat frame of a vehicle seat and vehicle seat
 (51) Int. Cl.
B60N 2/30 (2006.01)
B60N 2/02 (2006.01)
 (43) 11.11.2021
 (72) ROGG, Christian
 (74) Spruson & Ferguson

(71) Aguti Produktentwicklung & Design GmbH
 (11) AU-A-2020202732
 (21) 2020202732 (22) 23.04.2020
 (54) Adapter element for a rotary device
 (51) Int. Cl.
B60N 2/14 (2006.01)
 (43) 11.11.2021
 (72) ROGG, Christian
 (74) Spruson & Ferguson

(71) ALLEGIANCE CORPORATION
 (11) AU-A-2021250910
 (21) 2021250910 (22) 13.10.2021
 (54) Water-based hydrogel blend coating and method of application to elastomeric articles
 (51) Int. Cl.
A61L 31/04 (2006.01)
A61B 42/10 (2016.01)
A61L 31/14 (2006.01)
C09D 7/47 (2018.01)
 (43) 11.11.2021
 (62) 2020227010
 (72) WOO, Choon Kong; CHONG, Chuang Sim; DANGSEYUN, Nujalee; WANNAWONG, Panor
 (74) Griffith Hack

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2021254509
 (21) 2021254509 (22) 18.10.2021
 (54) Multi-targeted single entity conjugates
 (51) Int. Cl.
A61K 31/713 (2006.01)
C07H 21/02 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
 (43) 11.11.2021
 (62) 2016295168
 (72) JADHAV, Vasant; MAIER, Martin; ZLATEV, Ivan; AKINC, Akin; RAJEEV, Kallanthottathil G.; NAIR, Jayaprakash K.; KANDASAMY, Pachamuthu; MANOHARAN, Muthiah
 (74) Griffith Hack

(71) Angel Group Co., Ltd.
 (11) AU-A-2021202512
 (21) 2021202512 (22) 23.04.2021
 (54) Double chip tray, chip tray, and game management system
 (51) Int. Cl.
A63F 11/00 (2006.01)
 (31) 2020-078604 (32) 27.04.20 (33) JP
 (43) 11.11.2021
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021250882
 (21) 2021250882 (22) 13.10.2021
 (54) Device, method, and graphical user interface for managing authentication credentials for user accounts
 (51) Int. Cl.
G06F 21/30 (2013.01)
G06F 3/048 (2013.01)
G06F 21/45 (2013.01)
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)
H04W 12/06 (2021.01)
 (43) 11.11.2021
 (62) 2019281406
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 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021250944
 (21) 2021250944 (22) 15.10.2021
 (54) Image data for enhanced user interactions
 (51) Int. Cl.
G06F 17/00 (2019.01)
 (43) 11.11.2021
 (62) 2020201721
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 (74) FPA Patent Attorneys Pty Ltd

(71) Ares Trading S.A.
 (11) AU-A-2021250949
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(51) Int. Cl.

A61K 38/17 (2006.01)

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A61K 47/18 (2017.01)

A61K 47/26 (2006.01)

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(11) AU-A-2021202644

(21) 2021202644 (22) 28.04.2021

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G07F 17/32 (2006.01)

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G07F 17/32 (2006.01)

A63F 13/00 (2014.01)

(31) 2020901268 (32) 22.04.20 (33) AU

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G07F 17/32 (2006.01)

A63F 13/30 (2014.01)

A63F 13/35 (2014.01)

A63F 13/352 (2014.01)

(31) 2020901297 (32) 24.04.20 (33) AU

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(71) Barjoh Pty Ltd

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(21) 2021203596 (22) 02.06.2021

(54) Retrieval Trailer

(51) Int. Cl.

B60P 3/12 (2006.01)

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(11) AU-A-2021254515

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(51) Int. Cl.

C07K 14/705 (2006.01)

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(54) Antimicrobial caps for medical connectors

(51) Int. Cl.

A61M 39/16 (2006.01)

A61M 39/20 (2006.01)

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G05D 1/10 (2006.01)

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(51) Int. Cl.

C07D 213/70 (2006.01)

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A61P 37/00 (2006.01)

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(21) 2021250888 (22) 13.10.2021

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A61F 2/26 (2006.01)

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(74) Spruson & Ferguson

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(11) AU-A-2021254524

(21) 2021254524 (22) 18.10.2021

(54) AN IMPROVED SPIKING NEURAL NETWORK

(51) Int. Cl.

G06N 3/02 (2006.01)

G06N 3/04 (2006.01)

G06N 3/06 (2006.01)

G06N 3/063 (2006.01)

G06N 3/08 (2006.01)

G06N 3/10 (2006.01)

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(54) Rainwater Harvesting

(51) Int. Cl.

E03B 3/02 (2006.01)

E03B 3/10 (2006.01)

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(72) Brooks, Karl

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(71) BULLROARER NETWORKS PTY LIMITED

(11) AU-A-2020202728

(21) 2020202728 (22) 23.04.2020

(54) Transmission Network

(51) Int. Cl.

H04L 12/28 (2006.01)

G02B 6/44 (2006.01)

H04Q 1/02 (2006.01)

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H04W 84/04 (2009.01)

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(54) MODULATORS OF THE SRC-KINASE
ACTIVITY FOR PREVENTING OR
TREATING METASTATIC CANCER
(51) Int. Cl.
A61K 38/08 (2019.01)
A61P 35/04 (2006.01)
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(62) 2019229363
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Ogunsalu, Samuel; Castoria, Gabriella;
Migliaccio, Antimo; Auricchio, Fernando
(74) Pizzeyes Patent and Trade Mark Attor-
neys Pty Ltd
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- (71) Canon Kabushiki Kaisha
(11) AU-A-2021250892
(21) 2021250892 (22) 13.10.2021
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coding and decoding a tree of blocks of
video samples
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H04N 19/186 (2014.01)
H04N 19/107 (2014.01)
H04N 19/159 (2014.01)
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(72) Rosewarne, Christopher James
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(54) SYSTEM AND METHOD FOR GEN-
ERATING CUSTOMIZED ODDS BETS
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G06Q 90/00 (2006.01)
A63F 9/14 (2006.01)
A63F 9/24 (2006.01)
G06F 15/16 (2006.01)
G06F 17/00 (2019.01)
G06Q 40/04 (2012.01)
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(51) Int. Cl.
G05B 13/02 (2006.01)
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A47J 37/07 (2006.01)
- (31) 10-2020-0048431 (32) 22.04.20 (33) KR
(43) 11.11.2021
(72) CHO, Taesik
(74) Acacia Law
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- (71) Channell Commercial Corporation
(11) AU-A-2021202292
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for a utility vault
(51) Int. Cl.
E05B 65/00 (2006.01)
E05B 35/00 (2006.01)
E05C 1/16 (2006.01)
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tion
(51) Int. Cl.
C10M 169/04 (2006.01)
- (31) 20171070.4 (32) 23.04.20 (33) EP
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(51) Int. Cl.
A61K 31/045 (2006.01)
A01N 65/00 (2009.01)
A61K 8/31 (2006.01)
A61K 8/34 (2006.01)
A61K 8/41 (2006.01)
A61K 8/9789 (2017.01)
A61K 9/00 (2006.01)
A61K 31/02 (2006.01)
A61K 31/131 (2006.01)
A61K 36/61 (2006.01)
A61L 2/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/14 (2006.01)
A61Q 17/00 (2006.01)
A01N 29/02 (2006.01)
A01N 33/04 (2006.01)
- A01N 65/28 (2009.01)
A61L 101/32 (2006.01)
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(74) IP GATEWAY PATENT & TRADE
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(21) 2021250955 (22) 15.10.2021
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(51) Int. Cl.
A61B 17/04 (2006.01)
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(74) Griffith Hack
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A61B 17/04 (2006.01)
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(54) Suture anchor construct and deploy-
ment device
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A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
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(51) Int. Cl.
A61B 17/04 (2006.01)
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BOSWORTH, Adrian; GLADDISH Jr,
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John K.
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- (71) CREO MEDICAL LIMITED
(11) AU-A-2021250961
(21) 2021250961 (22) 15.10.2021

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 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/18 (2006.01)
H01P 1/06 (2006.01)
A61B 90/00 (2016.01)
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 (74) AJ PARK

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 (21) 2021202184 (22) 09.04.2021
 (54) METHODS AND SYSTEMS FOR ENSURING A USER IS PERMITTED TO USE AN OBJECT TO CONDUCT AN ACTIVITY
 (51) Int. Cl.
G06F 21/32 (2013.01)
G06K 9/00 (2006.01)
G07C 9/00 (2020.01)
 (31) 16860351 (32) 28.04.20 (33) US
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 (54) Methods and systems for using consumer aliases and identifiers
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G06Q 30/02 (2012.01)
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.
A01D 45/10 (2006.01)
 (31) 16/860,168 (32) 28.04.20 (33) US
 (43) 11.11.2021
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 (21) 2021250931 (22) 14.10.2021
 (54) Closure arrangement for tank opening of agricultural machine
 (51) Int. Cl.
B65D 90/10 (2006.01)
A01C 7/00 (2006.01)
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B60P 3/22 (2006.01)

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B07B 1/28 (2006.01)
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B07B 13/16 (2006.01)
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 (51) Int. Cl.
G09G 5/00 (2006.01)
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A01N 25/28 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 43/60 (2006.01)
A01N 43/653 (2006.01)
A01N 43/76 (2006.01)
A01N 47/36 (2006.01)
A01N 53/00 (2006.01)
A01N 59/02 (2006.01)
A01N 59/20 (2006.01)
A01P 3/00 (2006.01)
A01P 7/02 (2006.01)
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 (74) WRAYS PTY LTD

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A47B 13/08 (2006.01)

A47B 85/00 (2006.01)
G08C 17/02 (2006.01)
H02J 50/10 (2016.01)
H04W 4/80 (2018.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2021250890 (22) 13.10.2021
 (54) Wear assembly
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 (21) 2021250877 (22) 12.10.2021
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 (51) Int. Cl.
C12N 15/82 (2006.01)
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 (21) 2021250935 (22) 14.10.2021
 (54) Methods and compositions for transducing lymphocytes and regulated expansion thereof
 (51) Int. Cl.
C12N 15/10 (2006.01)
A61K 48/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
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C12N 15/867 (2006.01)

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(71) Factor Bioscience Inc.
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 (54) Methods and products for expressing proteins in cells
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C12N 15/31 (2006.01)
A61K 31/7115 (2006.01)
A61K 38/46 (2006.01)
A61K 48/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C12N 5/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/63 (2006.01)
C12Q 1/68 (2018.01)
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 (72) Angel, Matthew; Rohde, Christopher
 (74) Allens Patent & Trade Mark Attorneys
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- (71) Fasteners for Retail, Inc.
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 (21) 2021202375 (22) 19.04.2021
 (54) RETAIL MERCHANDISE SHELVING SYSTEM
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A47F 5/10 (2006.01)
A47B 45/00 (2006.01)
A47B 57/58 (2006.01)
 (31) 63/014,395 (32) 23.04.20 (33) US
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 (72) Smedley, Jamie A.; Mertz, William Joseph
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2021250893
 (21) 2021250893 (22) 13.10.2021
 (54) AUTOMATICALLY ADJUSTING HEADGEAR FOR PATIENT INTER-FACE
 (51) Int. Cl.
A61M 16/06 (2006.01)
A62B 9/04 (2006.01)
A62B 18/08 (2006.01)
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 (11) AU-A-2021250960
 (21) 2021250960 (22) 15.10.2021
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 (51) Int. Cl.
A61M 16/08 (2006.01)
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 (54) Immunogenic mutant peptide screening platform
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G01N 33/569 (2006.01)
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C12Q 1/68 (2018.01)
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 (51) Int. Cl.
C12Q 1/70 (2006.01)
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H04W 4/38 (2018.01)
A47C 31/12 (2006.01)
G08B 21/18 (2006.01)
G08C 17/02 (2006.01)
H04L 29/08 (2006.01)
G01S 19/14 (2010.01)
G08B 21/02 (2006.01)
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A43B 17/03 (2006.01)
A43B 7/00 (2006.01)
A61H 39/04 (2006.01)
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 (43) 11.11.2021
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 (74) A.P.T. Patent and Trade Mark Attorneys
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A43B 7/00 (2006.01)
A61F 5/14 (2006.01)
A61H 39/04 (2006.01)
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B02C 2/04 (2006.01)
B22D 19/02 (2006.01)
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C07K 14/51 (2006.01)
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G16H 50/00 (2018.01)
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A63F 13/32 (2014.01)
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G07F 17/32 (2006.01)
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B01L 3/00 (2006.01)
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C07D 487/04 (2006.01)
A61P 35/00 (2006.01)
C07D 513/04 (2006.01)
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A01M 29/12 (2011.01)
G06F 13/14 (2006.01)
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H04W 4/02 (2018.01)
G08B 5/36 (2006.01)
G08B 7/06 (2006.01)
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H04B 1/3827 (2015.01)
H04L 29/08 (2006.01)
H04W 64/00 (2009.01)
G08B 3/10 (2006.01)
G08B 6/00 (2006.01)
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H04W 84/18 (2009.01)
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G01B 11/06 (2006.01)
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E21B 47/00 (2012.01)
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 (51) Int. Cl.
A61K 47/02 (2006.01)
A61K 9/10 (2006.01)
A61K 9/48 (2006.01)
A61K 31/519 (2006.01)
A61K 47/12 (2006.01)
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A61P 35/00 (2006.01)
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F04C 29/02 (2006.01)
F04C 13/00 (2006.01)
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F04C 28/24 (2006.01)
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 (54) Mixed reality system with spatialized audio
 (51) Int. Cl.
G06F 3/01 (2006.01)
G02B 27/01 (2006.01)
G06F 3/0346 (2013.01)
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G06T 19/00 (2011.01)
H04S 7/00 (2006.01)
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 (51) Int. Cl.
G07C 9/21 (2020.01)
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A23L 27/10 (2016.01)
A23L 27/14 (2016.01)
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A61B 34/30 (2016.01)
A61B 34/00 (2016.01)
A61B 34/37 (2016.01)
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B25J 9/10 (2006.01)
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 (54) Dolly
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B62B 3/02 (2006.01)
A63C 1/00 (2006.01)
A63C 5/035 (2006.01)
B62B 5/04 (2006.01)
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 (54) Novel insect inhibitory proteins
 (51) Int. Cl.
A01N 37/18 (2006.01)
A01N 37/00 (2006.01)

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(11) AU-A-2021250971
(21) 2021250971 **(22)** 15.10.2021
(54) Novel insect inhibitory proteins
(51) Int. Cl.
A01N 37/18 (2006.01)
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A01N 37/46 (2006.01)
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(11) AU-A-2021202446
(21) 2021202446 **(22)** 21.04.2021
(54) AGNOSTIC CUSTOMER RELATIONSHIP MANAGEMENT WITH AGENT HUB AND BROWSER OVERLAY
(51) Int. Cl.
G06Q 50/10 (2012.01)
G06Q 30/00 (2012.01)
(31) 16/857,295 **(32)** 24.04.20 **(33)** US
(43) 11.11.2021
(72) COPELAND, Shannon
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** N3, LLC
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(21) 2021202447 **(22)** 21.04.2021
(54) AGNOSTIC CRM AUGMENTATION WITH A DISPLAY SCREEN
(51) Int. Cl.
G06F 3/0481 (2013.01)
G06F 40/174 (2020.01)
G06Q 30/02 (2012.01)
(31) 16/857,321 **(32)** 24.04.20 **(33)** US
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- (71)** N3, LLC
(11) AU-A-2021202448
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(54) AGNOSTIC CUSTOMER RELATIONSHIP MANAGEMENT WITH BROWSER OVERLAY AND CAMPAIGN MANAGEMENT PORTAL
(51) Int. Cl.
G06Q 30/02 (2012.01)
G06Q 10/06 (2012.01)
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(74) Baxter Patent Attorneys Pty Ltd
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(11) AU-A-2021250913
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(54) Localized collection of biological signals, cursor control in speech-assistance interface based on biological electrical signals and arousal detection based on biological electrical signals
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A61B 5/384 (2021.01)
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- (71)** NEX TREMITY SOLUTIONS, INC.
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A61B 17/66 (2006.01)
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(54) Aryl receptor modulators and methods of making and using the same
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C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 495/04 (2006.01)
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(54) Magnetic flux source system
(51) Int. Cl.
H01L 27/18 (2006.01)
G06N 10/00 (2019.01)
H01L 39/22 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** Novartis AG
(11) AU-A-2021240290
(21) 2021240290 **(22)** 01.10.2021
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- (54)** Methods of treating non-radiographic axial spondyloarthritis using interleukin-17 (IL-17) Antagonists
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 19/00 (2006.01)
A61P 37/06 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) Methods for producing polypeptides in protease-deficient mutants of Trichoderma
(51) Int. Cl.
C12N 1/14 (2006.01)
C12N 9/58 (2006.01)
C12N 15/57 (2006.01)
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C12P 21/02 (2006.01)
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(74) Spruson & Ferguson
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 Tsinghua University
(11) AU-A-2020289784
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(54) TRAY DISINFECTION DEVICE
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A61L 2/10 (2006.01)
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(11) AU-A-2021250930
(21) 2021250930 **(22)** 14.10.2021
(54) Robotic parking device and handling method
(51) Int. Cl.
E04H 6/18 (2006.01)
B65G 1/04 (2006.01)
E04H 6/22 (2006.01)
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(11) AU-A-2021250884

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 (54) Transcatherer atrial sealing skirt, anchor and tether, and methods of implantation
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 17/064 (2006.01)
A61B 17/08 (2006.01)
A61F 2/24 (2006.01)
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 (21) 2021202326 (22) 19.04.2021
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A61B 34/30 (2016.01)
A61B 17/17 (2006.01)
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A01G 9/02 (2018.01)
A01G 9/029 (2018.01)
A01G 24/40 (2018.01)
B65D 65/46 (2006.01)
C04B 18/04 (2006.01)
C04B 22/06 (2006.01)
C04B 22/14 (2006.01)
C05D 1/00 (2006.01)
C05D 3/00 (2006.01)
C05D 5/00 (2006.01)
C05G 5/10 (2020.01)
C04B 14/04 (2006.01)
C04B 14/06 (2006.01)
C04B 14/18 (2006.01)
C04B 14/20 (2006.01)
C04B 18/26 (2006.01)
C05G 1/00 (2006.01)
C04B 103/00 (2006.01)
C04B 103/22 (2006.01)
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G06Q 20/34 (2012.01)
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F24C 15/36 (2006.01)
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B32B 9/02 (2006.01)
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E04F 15/22 (2006.01)
A63B 6/00 (2006.01)
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E04B 1/82 (2006.01)
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C12N 9/22 (2006.01)
C07K 19/00 (2006.01)
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H02G 15/064 (2006.01)
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G08G 1/14 (2006.01)

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(54) MIXING AND DISPENSING CONTAINER
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A61C 5/64 (2017.01)
A61C 5/68 (2017.01)
A61C 19/00 (2006.01)
B05C 17/005 (2006.01)
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B21C 47/00 (2006.01)
B21K 5/02 (2006.01)
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E21B 10/44 (2006.01)
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A01N 35/02 (2006.01)
A01M 7/00 (2006.01)
A01N 25/02 (2006.01)
A01P 19/00 (2006.01)
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A01G 25/16 (2006.01)

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B25B 21/00 (2006.01)
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B25F 3/00 (2006.01)
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(72) SCHULZ, Ben T.
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A61N 1/05 (2006.01)
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(54) PATIENT SUPPORT APPARATUS WITH CAREGIVER REMINDERS
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A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/113 (2006.01)
A61B 5/117 (2016.01)
G16H 40/00 (2018.01)
G16H 40/63 (2018.01)
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B32B 7/12 (2006.01)
B32B 15/085 (2006.01)
B32B 15/20 (2006.01)
B32B 27/08 (2006.01)
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 (54) Virtual character control method and apparatus, device, and storage medium
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B41J 3/407 (2006.01)
B05B 13/00 (2006.01)
G05B 15/02 (2006.01)
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C09K 5/08 (2006.01)
C07C 21/18 (2006.01)
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G01N 33/50 (2006.01)
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A61K 31/713 (2006.01)
A61P 25/28 (2006.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C07K 16/46 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
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A61K 38/18 (2006.01)
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C23F 13/04 (2006.01)
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C23F 13/22 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd (74) Spruson & Ferguson

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 (11) AU-A-2021202527
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 (54) METHOD FOR PREPARING NATURAL DELTA-DECALACTONE AND DELTA-DODECALACTONE BY BIOREDUCTION OF MASSOIA OIL
 (51) Int. Cl.
 C12P 7/62 (2006.01)
 C12N 1/18 (2006.01)
 C12R 1/85 (2006.01)
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 (54) HYBRID VEHICLE BACK EMF CONTROL APPARATUSES, SYSTEMS, AND METHODS
 (51) Int. Cl.
 B60W 20/14 (2016.01)
 B60L 50/61 (2019.01)
 B60L 58/12 (2019.01)
 H02J 7/14 (2006.01)
 H02P 6/00 (2016.01)
 (31) 63/014,360 (32) 23.04.20 (33) US
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 (72) Chafekar, Tejas; Lovelace, Edward
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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 (54) MODE 9 DATA VEHICLE APPARATUSES, SYSTEMS, AND METHODS
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 G07C 5/02 (2006.01)
 B60W 20/00 (2016.01)
 (31) 16/859,967 (32) 27.04.20 (33) US
 (43) 11.11.2021
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- (71) Zebra Technologies Corporation
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 (21) 2021201856 (22) 24.03.2021
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 (51) Int. Cl.
 G06T 7/00 (2017.01)
 G06K 7/10 (2006.01)
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 G06Q 20/20 (2012.01)

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2020202732	Aguti Produktentwicklung & Design GmbH	2021250890	ESCO Group LLC
2020202788	Pact Renewables Pty Ltd	2021250892	Canon Kabushiki Kaisha
2020217331	Huang, V.	2021250893	FISHER & PAYKEL HEALTHCARE LIMITED
2020233664	Aristocrat Technologies Australia Pty Limited; Aristocrat Technologies, Inc.	2021250895	Magic Leap, Inc.
2020244426	Aristocrat Technologies Australia Pty Limited; Aristocrat Technologies, Inc.	2021250896	Magic Leap, Inc.
2020289784	NUCTECH COMPANY LIMITED; Tsinghua University	2021250897	University of Virginia Patent Foundation
2020294202	Guangdong Breath Walker Health Technology Co., Ltd.	2021250898	InPhoTech Spolka Z Ograniczona Odpowiedzialnoscia
2020343995	Clariant International Ltd	2021250900	Cantor Index LLC
2020389478	Institute of Geology and Geophysics, Chinese Academy of Sciences	2021250901	SARB Management Group Pty Ltd
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2021202198	IGT	2021250925	Janssen Pharmaceutica NV
2021202292	Channell Commercial Corporation	2021250930	Ocado Innovation Limited
2021202326	Orthosoft ULC	2021250931	Deere & Company
2021202342	XL Hybrids	2021250934	Inhalió, Inc.
2021202361	Vector Remediation Ltd.	2021250935	Exuma Biotech, Corp.
2021202375	Fasteners for Retail, Inc.	2021250940	Gen-Probe Incorporated
2021202381	eMoMo Technology Co., Ltd.	2021250941	SomnoMed Limited
2021202397	Ulbrichts GmbH	2021250942	UNIVERSAL RESEARCH SOLUTIONS LLC
2021202410	Joy Global Surface Mining Inc	2021250944	Apple Inc.
2021202414	Shin-Etsu Chemical Co., Ltd.	2021250946	Genentech, Inc.
2021202446	N3, LLC	2021250947	Université Laval
2021202447	N3, LLC	2021250948	Lzlabs GmbH
2021202448	N3, LLC	2021250949	Ares Trading S.A.
2021202452	Midwest Innovative Products	2021250953	Novozymes, Inc.
2021202454	XL Hybrids	2021250955	ConMed Corporation
2021202473	SDI Limited	2021250956	Stryker Corporation
2021202489	NEXTREMITY SOLUTIONS, INC.	2021250957	AeroVironment, Inc.
2021202490	TCI Co., Ltd.	2021250959	McCormick & Company, Incorporated
2021202506	Clinotec Pty Ltd	2021250960	FISHER & PAYKEL HEALTHCARE LIMITED
2021202512	Angel Group Co., Ltd.	2021250961	CREO MEDICAL LIMITED
2021202524	Innovently Pty Ltd	2021250963	Sentek Pty Ltd
2021202527	XIAMEN OAMIC BIOTECHNOLOGY CO., LTD	2021250965	Monsanto Technology LLC
2021202542	Syngenta Crop Protection AG	2021250966	Becton, Dickinson and Company
2021202551	Snap-on Incorporated	2021250967	The General Hospital Corporation
2021202568	Maximus, Inc.	2021250969	Pliteq Inc.
2021202644	Aristocrat Technologies, Inc.	2021250970	PayPal, Inc.
2021203596	Barjoh Pty Ltd	2021250971	Monsanto Technology LLC
2021209275	The Chemours Company FC, LLC	2021250972	Factor Bioscience Inc.
2021225183	Cha, H.	2021250973	Adimab, LLC
2021232755	Plantic Technologies Limited	2021250974	Medical Microinstruments S.p.A.
2021240131	Tencent Technology (Shenzhen) Company Limited	2021250975	Eagle View Technologies, Inc.
2021240132	Tencent Technology (Shenzhen) Company Limited	2021250976	Advanced Inhalation Therapies (AIT) Ltd.
2021240290	Novartis AG	2021250978	INCYTE CORPORATION
2021250877	Evogene Ltd.	2021250991	Derrick Corporation
2021250878	Illumina, Inc.; Illumina Cambridge Limited	2021250992	Poseida Therapeutics, Inc.
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2021250882	Apple Inc.	2021250994	Howmedica Osteonics Corp.
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2021250885	Twilio Inc.	2021254515	Bayer Animal Health GmbH
2021250886	The General Hospital Corporation	2021254517	Handan Shiwei New Materials Co. Ltd.
		2021254518	Skydrop, LLC
		2021254520	ConMed Corporation
		2021254521	Tencent Technology (Shenzhen) Company Limited

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2021254631	Histide AG
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. (*) Title not in Roman characters
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 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(21) 2021102968

(71) Acrow Formwork & Scaffolding Pty Ltd
(11) AU-A-2021106618
(21) 2021106618 **(22)** 23.08.2021
(54) Prop System
(51) Int. Cl.
E04G 25/00 (2006.01)
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(72) Caporella, Matthew
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(11) AU-A-2021105188
(21) 2021105188 **(22)** 09.08.2021
(54) AN IMPAIRED VOICE CORRECTION DEVICE AND ITS METHOD THEREOF
(51) Int. Cl.
G10L 21/013 (2013.01)
G09B 19/04 (2006.01)
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(11) AU-A-2021105481
(21) 2021105481 **(22)** 13.08.2021
(54) Construction operation, monitoring, maintenance planning and future risk prediction of bigger constructions using Artificial Intelligence based Internet of things
(51) Int. Cl.
G06Q 50/08 (2012.01)
G05B 13/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2012.01)
G06Q 10/06 (2012.01)
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G16Y 10/30 (2020.01)
H04L 29/08 (2006.01)
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(71) Babu, N.R.; Saikia, L.C.; Bhagat, S.K.; Saha, A.
(11) AU-A-2021105834
(21) 2021105834 **(22)** 18.08.2021
(54) HYBRID CROW-SEARCH ALGORITHM WITH PARTICLE SWARM OPTIMIZATION IN LOAD FREQUENCY CONTROL (LFC).
(51) Int. Cl.
G06N 3/00 (2006.01)
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E04G 21/32 (2006.01)
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(54) A RENTAL BOND TRANSACTION SYSTEM
(51) Int. Cl.
G06Q 40/02 (2012.01)
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G06Q 50/16 (2012.01)
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 A23L 33/105 (2016.01)
 A23L 33/17 (2016.01)
 A23L 33/18 (2016.01)
 A61K 31/198 (2006.01)
 A61K 31/702 (2006.01)
 A61K 31/733 (2006.01)
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 A61K 36/185 (2006.01)
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 A61P 1/00 (2006.01)
 A61P 21/06 (2006.01)
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 (72) Ren, Guangxu
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 (54) BIONIC OLFACTION-BASED NONDESTRUCTIVE TESTING DEVICE AND METHOD FOR RAPIDLY DETECTING FRESHNESS AND DISEASES OF APPLES IN STORAGE
 (51) Int. Cl.
 G01N 33/00 (2006.01)
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 (21) 2021106565 (22) 23.08.2021
 (54) VISCOSE LARGE BIOLOGICAL FIBER CONTAINING ACTIVE INGREDIENTS OF ALBIZIA JULIBRISSIN, OLIVE, PEPPERMINT AND LAVENDER AND METHOD FOR PREPARING SAME
 (51) Int. Cl.
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 A61K 8/9789 (2017.01)
 A61K 9/70 (2006.01)
 A61K 36/48 (2006.01)
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 A61K 36/63 (2006.01)
 A61Q 17/00 (2006.01)
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 A61P 39/06 (2006.01)

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 G06F 16/25 (2019.01)
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 (74) Cotters Patent & Trade Mark Attorneys

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 A44B 11/25 (2006.01)
 A45C 13/18 (2006.01)
 E05B 65/52 (2006.01)
 E05B 73/00 (2006.01)
 A44B 11/26 (2006.01)
 E05B 35/10 (2006.01)
 E05B 37/00 (2006.01)
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G16B 45/00 (2019.01)

G16H 70/40 (2018.01)

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B82Y 20/00 (2011.01)

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A01H 4/00 (2006.01)
A01G 24/18 (2018.01)
C12M 3/00 (2006.01)
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G06Q 50/00 (2012.01)
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G06N 3/02 (2006.01)
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H02G 1/04 (2006.01)
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H01B 7/295 (2006.01)
F16L 47/14 (2006.01)
H01B 7/02 (2006.01)
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E01D 19/02 (2006.01)
E01D 21/00 (2006.01)
E02D 5/30 (2006.01)
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E01D 11/04 (2006.01)
E01D 19/08 (2006.01)
H01B 7/29 (2006.01)
H01B 7/295 (2006.01)
H01B 13/00 (2006.01)
E01D 101/30 (2006.01)
E01D 101/40 (2006.01)

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G06E 1/04 (2006.01)
G11C 8/10 (2006.01)
H03M 7/00 (2006.01)
G06F 7/49 (2006.01)
G06F 7/50 (2006.01)
H03K 19/00 (2006.01)
H03K 19/003 (2006.01)

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 (54) Combustion Gas Supply System and Fluid Heating System

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B04C 9/00 (2006.01)
F23D 1/02 (2006.01)

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 (54) Fluid heating system

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F24H 1/14 (2006.01)
F28D 7/00 (2006.01)
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C12Q 1/6883 (2018.01)
 (31) 202110891576.1 (32) 04.08.21 (33) CN
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 (54) PRIMER PROBE SET AND KIT FOR RT-PCR DETECTION OF HUMAN TRYPTASE BETA (TPSB) MRNA

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C12Q 1/6883 (2018.01)
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 (54) PRIMER PROBE SET AND KIT FOR RT-PCR DETECTION OF HUMAN LEUKOTRIENE RECEPTOR CYSLTR1 MRNA

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C12Q 1/6883 (2018.01)
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 (54) PRIMER PROBE SET AND KIT FOR RT-PCR DETECTION OF HUMAN LEUKOTRIENE RECEPTOR CYSLTR2 MRNA

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H01Q 1/32 (2006.01)
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H01Q 17/00 (2006.01)
H01Q 21/06 (2006.01)
H04B 1/00 (2006.01)
H04B 7/0408 (2017.01)
H01Q 1/27 (2006.01)
H01Q 9/04 (2006.01)
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G08B 21/02 (2006.01)
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B65G 47/20 (2006.01)
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(71) Hydrogen Australia Pty Ltd
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G06Q 30/06 (2012.01)
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 (54) ZIPPED FLAP OPENING SYSTEM
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E04H 15/58 (2006.01)
A44B 19/26 (2006.01)
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 (51) Int. Cl.
A01N 43/84 (2006.01)
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 (51) Int. Cl.
A61G 7/065 (2006.01)
A47C 20/02 (2006.01)
A61F 5/01 (2006.01)
A61G 7/057 (2006.01)
A61G 7/07 (2006.01)
A61G 7/075 (2006.01)
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 (54) EQUIPMENT FOR GRADING AND SCREENING PLANT-BASED FOOD MATERIAL
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B07B 1/38 (2006.01)
B07B 1/06 (2006.01)
B07B 1/40 (2006.01)
B07B 1/42 (2006.01)
B07B 1/52 (2006.01)
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 (74) Origin Patent and Trade Mark Attorneys

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A01G 22/00 (2018.01)
A01C 21/00 (2006.01)
A01N 43/653 (2006.01)
C05D 9/02 (2006.01)
A01N 43/90 (2006.01)
A01N 47/18 (2006.01)
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 (54) METHOD AND SYSTEM FOR CALCULATING RESISTANCE DISTANCE OF ECOLOGICAL EFFECT OF GREEN SPACE LANDSCAPE ON BUILDING ENERGY CONSUMPTION

(51) Int. Cl.
G05B 17/02 (2006.01)
G06Q 10/06 (2012.01)
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G16H 50/20 (2018.01)
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 (54) Content Based Video Ranking
 (51) Int. Cl.
G10L 15/26 (2006.01)
G06N 20/00 (2019.01)
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G16H 50/20 (2018.01)
A61B 5/11 (2006.01)
G16H 20/30 (2018.01)
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G16H 50/30 (2018.01)
A61B 5/00 (2006.01)
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 F24B 1/24 (2006.01)
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 H01L 35/30 (2006.01)
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 G06F 30/34 (2020.01)
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 (54) METHOD AND DEVICE FOR DESULFURIZATION AND DENITRIFICATION OF FLUE GAS BY COMBINING OZONE GENERATED BY YELLOW PHOSPHOROUS EXCITATION WITH MINERAL SLURRY
 (51) Int. Cl.
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 (74) AJ Pietras IP Limited

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 (54) COMPUTER PLATFORM AND METHOD FOR SECURELY EXCHANGING CONFIDENTIAL DATA AND GENERATING LEGAL DOCUMENTS, WITH PRO BONO MODULE
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G06Q 50/18 (2012.01)
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G06K 9/00 (2006.01)

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F16G 11/14 (2006.01)
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F16L 35/00 (2006.01)
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 (74) FB Rice Pty Ltd

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A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01N 47/02 (2006.01)
A01N 51/00 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
B27D 1/04 (2006.01)
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C22C 23/00 (2006.01)
C04B 22/00 (2006.01)
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(54) Process for converting plastic waste to bricks, pavers, tiles and textiles

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B28C 9/00 (2006.01)
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(71) Marl Wellness Research and Development Ply Ltd

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A61K 9/00 (2006.01)
A61K 31/733 (2006.01)
A61K 35/741 (2015.01)
A61K 35/742 (2015.01)
A61P 1/02 (2006.01)
A61P 3/02 (2006.01)
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A63H 33/30 (2006.01)
A47B 97/00 (2006.01)
G09B 1/02 (2006.01)

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A61B 5/00 (2006.01)
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G01J 5/00 (2006.01)
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C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
C12R 1/03 (2006.01)
C12R 1/045 (2006.01)
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B32B 5/02 (2006.01)
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D03D 15/242 (2021.01)
D03D 15/267 (2021.01)
D03D 15/275 (2021.01)
D06M 11/44 (2006.01)
D06M 11/45 (2006.01)
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A62C 27/00 (2006.01)

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D21H 19/22 (2006.01)
D21H 19/38 (2006.01)
D21H 19/54 (2006.01)
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A61P 1/02 (2006.01)
A61P 7/02 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
A61P 31/14 (2006.01)
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C04B 26/04 (2006.01)
C04B 14/06 (2006.01)
C04B 18/04 (2006.01)
C04B 18/16 (2006.01)
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A01D 34/73 (2006.01)
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(74) Yeshwantrao Chavan College of Engineering

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(21) 2021104437

(71) Yunnan Communications Investment & Construction Group Co., Ltd.; Beijing Zhongyan Tiandi Technology Co., Ltd; Henan Luanlu Expressway Construction Co., Ltd; Yunnan Chuyao Expressway Construction Co., Ltd; Institute of Geology and Geophysics, Chinese Academy of Sciences; Yunnan Wuyi Expressway Construction Co., Ltd; Zhonglu Hi-Tech (Beijing) Highway Technology Co., Ltd
(11) AU-A-2021104437
(21) 2021104437 (22) 22.07.2021
(54) CONSTRUCTION METHOD FOR SLOPE ECOLOGICALLY RESTORATION USING PHOSPHOGYPSUM AND MICROBIAL MINERALIZATION TECHNOLOGY
(51) Int. Cl.
C04B 28/14 (2006.01)
C09K 17/44 (2006.01)
C12N 1/20 (2006.01)
E02D 3/00 (2006.01)
E02D 17/20 (2006.01)
C04B 103/00 (2006.01)
C04B 111/00 (2006.01)
C12R 1/07 (2006.01)

(45) 11.11.2021
(72) ZHOU, Yingxin; LI, Zhiqing; QIAN, Zhengfu; MA, Yihu; ZHANG, Weiwei; TANG, Zhonglin; LU, Kaiji; WANG, Yonglin; HOU, Jianwei; WANG, Xiaoming; YANG, Junhong; WU, Shangfeng; TANG, Neng; LIU, Zhiyi; ZHANG, Pengpeng; LIANG, Xiaobo; WANG, Dong; HUANG, Taiyang; ZENG, Weicheng; YE, Mingguo; ZHAO, Gang
(74) AJ Pietras IP Limited

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(21) 2021104437

(71) Yunshigao Technology Company Limited
(11) AU-A-2021105150
(21) 2021105150 (22) 09.08.2021
(54) Diffusion Kalman filtering based on imputation strategy
(51) Int. Cl.
G05B 13/04 (2006.01)
H04L 29/08 (2006.01)
H04W 4/38 (2018.01)

(45) 11.11.2021
(72) Yue, Zhenya
(74) Feng Chen

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(21) 2021104437

(71) Yunnan Communications Investment & Construction Group Co., Ltd.; Beijing Zhongyan Tiandi Technology Co., Ltd; Henan Luanlu Expressway Construction Co., Ltd; Yunnan Chuyao Expressway Construction Co., Ltd; Institute of Geology and Geophysics, Chinese Academy of Sciences; Yunnan Wuyi Expressway Construction Co., Ltd; Zhonglu Hi-Tech (Beijing) Highway Technology Co., Ltd
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(54) CONSTRUCTION METHOD FOR SLOPE ECOLOGICALLY RESTORATION USING PHOSPHOGYPSUM AND MICROBIAL MINERALIZATION TECHNOLOGY
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C04B 28/14 (2006.01)
C09K 17/44 (2006.01)
C12N 1/20 (2006.01)
E02D 3/00 (2006.01)
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(45) 11.11.2021
(72) ZHOU, Yingxin; LI, Zhiqing; QIAN, Zhengfu; MA, Yihu; ZHANG, Weiwei; TANG, Zhonglin; LU, Kaiji; WANG, Yonglin; HOU, Jianwei; WANG, Xiaoming; YANG, Junhong; WU, Shangfeng; TANG, Neng; LIU, Zhiyi; ZHANG, Pengpeng; LIANG, Xiaobo; WANG, Dong; HUANG, Taiyang; ZENG, Weicheng; YE, Mingguo; ZHAO, Gang
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(71) Yunshigao Technology Company Limited
(11) AU-A-2021105150
(21) 2021105150 (22) 09.08.2021
(54) Diffusion Kalman filtering based on imputation strategy
(51) Int. Cl.
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H04W 4/38 (2018.01)

(45) 11.11.2021
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 (11) AU-A-2021105152
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 (54) Discrete Hash Algorithm Based on Two-bit Quantization Strategy
 (51) Int. Cl.
H04L 9/06 (2006.01)
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H03M 13/15 (2006.01)
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 (74) Feng Chen
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 (21) 2021105153 (22) 09.08.2021
 (54) An unsupervised learning of point cloud denoising
 (51) Int. Cl.
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G06N 20/00 (2019.01)
G06T 5/00 (2006.01)
G06T 17/00 (2006.01)
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 (74) Feng Chen
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 (54) Adaptive Hierarchical Sampling for image Classification
 (51) Int. Cl.
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 (72) Yue, Zhenya
 (74) Feng Chen
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 (11) AU-A-2021105155
 (21) 2021105155 (22) 09.08.2021
 (54) Task-based sampling network for Point Cloud Classification
 (51) Int. Cl.
G06N 3/02 (2006.01)
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G06K 9/62 (2006.01)
 (45) 11.11.2021
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 (74) Feng Chen
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 (11) AU-A-2021105162
 (21) 2021105162 (22) 09.08.2021
 (54) A novel Kalman filter with forgetting factor
 (51) Int. Cl.
G01Q 30/04 (2010.01)
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- G01Q 60/24* (2010.01)
H03H 17/02 (2006.01)
G05B 13/04 (2006.01)
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 (72) Yue, Zhenya
 (74) Feng Chen
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 (11) AU-A-2021106546
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 (54) Energy-Saving Treatment Method for Desalting and Degreasing Kitchen Garbage
 (51) Int. Cl.
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C02F 1/40 (2006.01)
C05F 9/00 (2006.01)
C02F 1/66 (2006.01)
 (45) 11.11.2021
 (72) Hu, Hengyu; Ning, Tangyuan; Ding, Fangjun
 (74) Alder IP Pty Ltd
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 (21) 2021104437

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2021102973	Jadhav, B.; Mujawar, I.; Patil, R.; Waghmare, V.; Rajendra, Y.	2021105401	Das, S.; Indra, G.; Srinivas, A.; Sinha, D.; K, K.; Jayashree, R.; M, R.; Priya, B.K.; Maru, S.; Sharma, J.K.; Bhambri, P.; Dangi, R.R.; Mahato, N.
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2021104672	SUZHOU NACHUANGJIA ENVIRONMENTAL TECHNOLOGY ENGINEERING CO., LTD.	2021105496	Vijayakumari, P.K.; Anilkumar, T.; Sobhan, P.K.; Sukumaran Nair, R.; Raj, R.; Mony, M.P.
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2021105010	Lovely Professional University	2021105525	Kalpana, G.; Maragani, S.K.; L, S.K.; Vasavi, G.; Rao, C.M.; Rani, V.; Kumar, K.K.; Sarangi, S.K.; Agrawal, S.K.; Senthilmurugan, S.; Jaiswal, T.; Jaiswal, S.
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2021105152	Yunshigao Technology Company Limited	2021105533	The Fourth Medical Center of Chinese People's Liberation Army General Hospital
2021105153	Yunshigao Technology Company Limited	2021105538	Jaipur, M.U.
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2021105188	AGARWAL, P.; SHARAD, S.; VERMA, D.K.; KUMAR, D.; SINGH, A.; BHATTACHARYA, P.; TIWARI, A.K.; CHAUDHARY, V.; TRIPATHI, A.; CHAKRAVERTI, A.K.	2021105732	Hangzhou Fulton Thermal Energy Equipment Co., Ltd
2021105189	Joshi, R.K.; Mishra, R.	2021105755	Law on Earth IP Pty Ltd
2021105195	Dr. Vishwanath Karad MIT World Peace University; Naikwadi, V.; Jomde, A.; Krishna, T.; Patane, P.; Kore, S.; Papat, T.; Patil, P.	2021105765	Goswami, T.; Agarwal, A.; Rao, C.R.
2021105196	Dr. Vishwanath Karad MIT World Peace University; Jagdale, B.; Sugave, S.	2021105815	CHEUNG, H.W.
2021105227	K, L.; PURUSHOTAMA, K.	2021105827	Next Medicine Co., Ltd.
2021105252	M.KUMARASAMY COLLEGE OF ENGINEERING	2021105832	Babu, N.R.; Saikia, L.C.; Bhagat, S.K.; Saha, A.
2021105263	Vikram, M, J.	2021105834	Vangala, A.; Sheikh, M.F.A.; Velayudham, A.; M, P.; Battula, B.P.; Neware, R.; Jain, P.; Rane, K.P.; Tabassum, M.; Sharma, T.; Kumar Jha, S.; Chakrabarti, P.
2021105265	Inspiring Ministries Ltd	2021105858	The 1st Affiliated Hospital of Kunming Medical University
2021105267	Panyam Vuppu, G.K.R.; Ratulavathu, H.N.; S L, P.R.; Vangala, N.R.; Kalimi, M.R.; Panyam Vippu, R.	2021105869	The First People's Hospital of Yunnan Province
2021105269	S, S.; C G, R.; V P, V.; R, R.P.; SUDHAGAR, D.P.; RANABOTHU, G.R.; KUMAR K, A.; SHEMSEDIN, A.		
2021105270	Kapoor, U.; Alam, M.; Chaudhary, K.; N A, S.; Malik, M.; Thakur, L.S.; Kumar K, P.; Verma, G.; Pallathadka, H.K.; Singla, M.		
2021105327	Singh, D.; Sohoni, P.; Kumar, S.; Nagle, M.; Kulkarni, G.; Sahu, S.; Nayak, G.		
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2021105335	DHAR, R.S.; KUMAR, K.; TALUKDAR, S.; KHIANGTE, L.; NANDA, S.		
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2021106015	Energy Research Institute of Shandong Academy of Sciences	2021106593	Xi'an Jiaotong University; NORTHWEST BRANCH OF STATE GRID CORPORATION OF CHINA
2021106028	School of Chemical Engineering, Northeast Electric Power University	2021106594	Chongqing Technology and Business University, S&T Developing Ltd.; Engineering Research Center for Waste Oil Recovery Technology and Equipment, Ministry of Education, Chongqing Technology and Business University
2021106085	Good Water Energy Ltd	2021106595	Real Pass Pty Ltd
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2021106542	CHINESE RESEARCH ACADEMY OF ENVIRONMENTAL SCIENCES	2021106626	Institute of Urban Environment, Chinese Academy of Sciences
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2021106574	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	2021106731	Guangzhou Pearl River Huangpu Bridge Construction Co.,Ltd.; Jiangsu TianLong Continuous Basalt Fiber Co.,Ltd.; Yangzhou University; Tongji University
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2021106577	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	2021106733	Chinese Academy of Geological Sciences
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2021106584	PETRUCCELLI, J.	2021106736	Thurgood, C.
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2021106745 Guangxi Transportation Science and Technology Group Co., Ltd.; Guangxi Beibu Gulf Investment Group Co., Ltd.
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<u>A01D 7 /-</u>	<u>A01N 47 /-</u>	2021106557	<u>A61B 90 /-</u>	2021106730	<u>A63B 71 /-</u>
2021106584	2021105389 2021106650	<u>A45F 3 /-</u>	2021105869	<u>A61M 5 /-</u>	2021106533
<u>A01F 29 /-</u>	2021106560 2021106568	2021106650 2021106728	<u>A61F 5 /-</u>	2021106534	<u>A63H 3 /-</u>
2021106554	<u>A01N 51 /-</u>	<u>A46B 13 /-</u>	2021105265	<u>A61N 1 /-</u>	2021106533
<u>A01G 22 /-</u>	2021106560 2021106568	2021105336	<u>A61G 7 /-</u>	2021105533	<u>A63H 33 /-</u>
2021106568	<u>A01N 53 /-</u>	<u>A47B 1 /-</u>	2021105265	<u>A61N 5 /-</u>	2021106740
<u>A01G 24 /-</u>	2021106560	2021106736	<u>A61K 31 /-</u>	2021106534	<u>B01D 39 /-</u>
2021105531	<u>A01N 63 /-</u>	2021106736	2021105385 2021106590 2021106617 2021106641	<u>A61P 1 /-</u>	2021106028
<u>A01G 25 /-</u>	2021105498 2021106568 2021106734	<u>A47B 21 /-</u>	<u>A61K 33 /-</u>	2021105385 2021106617 2021106641	<u>B01D 46 /-</u>
2021103170 2021106558	<u>A01P 3 /-</u>	2021106736	2021105385	<u>A61P 21 /-</u>	2021106567
<u>A01G 27 /-</u>	2021106560	<u>A47B 97 /-</u>	<u>A61K 35 /-</u>	2021105385	<u>B01D 53 /-</u>
2021106558	<u>A01P 7 /-</u>	2021106740	2021106641 2021106734	<u>A61P 3 /-</u>	2021106114
<u>A01G 9 /-</u>	2021106560	<u>A47C 20 /-</u>		2021106641	<u>B01D 61 /-</u>
2021106558		2021105265			2021106028

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<u>B01D 65 /-</u>		<u>B42D 3 /-</u>		<u>C04B 103 /-</u>	<u>C08L 23 /-</u>	<u>C22C 23 /-</u>
2021106028	<u>B25J 19 /-</u>	2021106738		2021104437	2021105897	2021105010
	2021106683			2021105010		
<u>B01D 67 /-</u>	<u>B25J 5 /-</u>	<u>B42F 13 /-</u>		<u>C04B 111 /-</u>	<u>C08L 95 /-</u>	<u>C22C 32 /-</u>
2021106028	2021106683	2021106738		2021104437	2021106603	2021105887
				2021105010		
<u>B01D 69 /-</u>	<u>B25J 9 /-</u>	<u>B60T 7 /-</u>		2021106735	<u>C09J 161 /-</u>	<u>C25D 21 /-</u>
2021106028	2021106683	2021106539			2021106560	2021104459
<u>B01D 71 /-</u>	<u>B27D 1 /-</u>	<u>B60T 8 /-</u>		<u>C04B 14 /-</u>	<u>C09K 17 /-</u>	<u>C25D 3 /-</u>
2021106028	2021106560	2021106539		2021106735	2021104437	2021104459
					2021106028	
<u>B04C 9 /-</u>	<u>B27D 3 /-</u>	<u>B64C 39 /-</u>		<u>C04B 18 /-</u>	<u>C10B 53 /-</u>	<u>C25D 5 /-</u>
2021104857	2021106560	2021103170		2021106735	2021106015	2021106028
<u>B07B 1 /-</u>	<u>B28B 1 /-</u>	<u>B65D 21 /-</u>		<u>C04B 22 /-</u>	<u>C12M 3 /-</u>	<u>C25D 7 /-</u>
2021105882	2021105010	2021106620		2021105010	2021105531	2021106028
	2021106672					
<u>B07B 13 /-</u>	<u>B28C 9 /-</u>	<u>B65D 5 /-</u>		<u>C04B 26 /-</u>	<u>C12N 1 /-</u>	<u>D01F 11 /-</u>
2021105882	2021106672	2021106611		2021106735	2021104437	2021106565
					2021105498	
<u>B07B 15 /-</u>	<u>B29B 11 /-</u>	<u>B65D 81 /-</u>		<u>C04B 28 /-</u>	2021106734	<u>D03D 15 /-</u>
2021105882	2021106551	2021106611		2021104437	<u>C12N 15 /-</u>	2021106551
				2021105010		
<u>B07C 5 /-</u>	<u>B29B 15 /-</u>	<u>B65D 88 /-</u>		<u>C04B 35 /-</u>	2021105189	<u>D03D 25 /-</u>
2021105827	2021106551	2021106620		2021106547	2021105331	2021106551
					2021106553	
<u>B09B 3 /-</u>	<u>B29B 17 /-</u>	<u>B65F 1 /-</u>		<u>C05B 7 /-</u>	<u>C12N 5 /-</u>	<u>D06M 11 /-</u>
2021106546	2021106672	2021105270		2021106347	2021105531	2021106551
2021106729	2021106735				2021106553	
<u>B09C 1 /-</u>	<u>B29C 35 /-</u>	<u>B65G 11 /-</u>		<u>C05D 9 /-</u>	<u>C12P 7 /-</u>	<u>D21H 19 /-</u>
2021106530	2021105897	2021106320		2021106568	2021103289	2021106611
<u>B22D 21 /-</u>	<u>B29C 39 /-</u>	<u>B65G 47 /-</u>		<u>C05F 17 /-</u>	<u>C12Q 1 /-</u>	<u>D21H 21 /-</u>
2021105010	2021106735	2021106320		2021106347	2021105331	2021106611
					2021105469	
<u>B22D 23 /-</u>	<u>B29C 43 /-</u>	<u>B82Y 15 /-</u>		<u>C05F 9 /-</u>	2021105498	<u>E01C 13 /-</u>
2021105010	2021106543	2021105331		2021106546	2021106536	2021106735
					2021106574	
<u>B22D 25 /-</u>	<u>B29C 70 /-</u>	<u>B82Y 20 /-</u>		<u>C06B 23 /-</u>	2021106577	<u>E01C 5 /-</u>
2021105010	2021106543	2021105410		2021106729	2021106581	2021106672
					2021106586	2021106735
<u>B23D 77 /-</u>	<u>B29K 23 /-</u>	<u>B82Y 40 /-</u>		<u>C07B 45 /-</u>	2021106588	<u>E01D 101 /-</u>
2021106646	2021106735	2021106570		2021106729	2021106592	2021106731
		2021106585				
<u>B23K 103 /-</u>	<u>B29K 25 /-</u>	<u>C01B 32 /-</u>		<u>C07C 45 /-</u>	<u>C12R 1 /-</u>	<u>E01D 11 /-</u>
2021105984	2021106735	2021106015		2021105832	2021103289	2021106731
		2021106570			2021104437	
<u>B23K 15 /-</u>	<u>B29K 67 /-</u>	2021106585		<u>C07C 49 /-</u>	2021105498	2021106735
2021105984	2021106735			2021105832	2021106734	<u>E01D 19 /-</u>
<u>B23K 20 /-</u>	<u>B32B 5 /-</u>	<u>C02F 1 /-</u>		<u>C07D 307 /-</u>	<u>C22C 1 /-</u>	2021106661
2021105984	2021106551	2021106028		2021105832	2021105010	2021106731
		2021106546			2021105887	2021106745
<u>B25J 11 /-</u>		<u>C02F 103 /-</u>		<u>C08K 5 /-</u>	<u>C22C 21 /-</u>	<u>E01D 21 /-</u>
2021106683		2021106028		2021105897	2021105887	2021106618
						2021106745

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2021106745	2021106613	2021106685	2021106542	2021106593	2021105152
<u>E01H 1 /-</u>	<u>E04H 1 /-</u>	<u>F21V 23 /-</u>	<u>G01N 23 /-</u>	<u>G05B 15 /-</u>	2021105153
2021106746	2021106550	2021106615	2021105827	2021105267	2021105174
<u>E02D 17 /-</u>	<u>E04H 15 /-</u>	<u>F23D 1 /-</u>	<u>G01N 3 /-</u>	<u>G05B 17 /-</u>	<u>G06F 21 /-</u>
2021104437	2021106630	2021104857	2021102642	2021105519	2021104723
2021106618	<u>E04H 7 /-</u>	<u>F24B 1 /-</u>	<u>G01N 30 /-</u>	2021106626	2021105480
<u>E02D 27 /-</u>	2021106549	2021105227	2021106589	<u>G05B 19 /-</u>	2021105497
2021106745	<u>E04H 9 /-</u>	<u>F24H 1 /-</u>	<u>G01N 33 /-</u>	2021105252	2021105509
<u>E02D 3 /-</u>	2021106537	2021105755	2021105263	2021105506	2021105765
2021104437	<u>E05B 35 /-</u>	<u>F24T 10 /-</u>	2021105331	<u>G05B 21 /-</u>	2021105525
<u>E02D 5 /-</u>	2021106557	2021106085	2021106542	2021102642	2021106739
2021106745	<u>E05B 37 /-</u>	<u>F25D 13 /-</u>	2021106558	<u>G05B 23 /-</u>	<u>G06F 30 /-</u>
<u>E03B 7 /-</u>	2021106557	2021106620	2021106589	2021105267	2021105519
2021105267	<u>E05B 39 /-</u>	<u>F26B 25 /-</u>	2021106741	<u>G01Q 30 /-</u>	<u>G06F 40 /-</u>
<u>E03F 5 /-</u>	2021106557	2021104672	<u>G01Q 30 /-</u>	<u>G05D 1 /-</u>	2021106571
2021106549	<u>E05B 65 /-</u>	<u>F26B 5 /-</u>	2021105162	2021106532	<u>G06F 7 /-</u>
<u>E04B 1 /-</u>	2021106557	2021104672	<u>G01Q 60 /-</u>	<u>G05D 16 /-</u>	2021105714
2021106549	<u>E05B 73 /-</u>	<u>F28D 20 /-</u>	2021105162	2021105506	<u>G06F 8 /-</u>
2021106742	2021106557	2021105227	<u>G01R 19 /-</u>	<u>G05D 21 /-</u>	2021105497
<u>E04B 2 /-</u>	<u>E21D 15 /-</u>	<u>F28D 7 /-</u>	2021106575	2021106540	2021106663
2021106537	2021106618	2021105755	2021106737	<u>G05D 7 /-</u>	<u>G06K 19 /-</u>
2021106604	<u>E21F 13 /-</u>	<u>F42B 3 /-</u>	<u>G01R 27 /-</u>	2021105267	2021105765
<u>E04C 1 /-</u>	2021106320	2021106656	2021106737	<u>G05F 1 /-</u>	<u>G06K 7 /-</u>
2021106672	<u>F01P 11 /-</u>	<u>F42D 1 /-</u>	<u>G01S 15 /-</u>	2021106593	2021106625
<u>E04D 12 /-</u>	2021105195	2021106656	2021105252	2021106615	<u>G06K 9 /-</u>
2021106742	<u>F01P 7 /-</u>	<u>G01B 11 /-</u>	<u>G01V 11 /-</u>	<u>G06E 1 /-</u>	2021102968
<u>E04F 13 /-</u>	2021105195	2021105827	2021106564	2021105714	2021105154
2021106742	<u>F03D 7 /-</u>	<u>G01D 21 /-</u>	<u>G01V 99 /-</u>	<u>G06F 1 /-</u>	2021105155
<u>E04G 17 /-</u>	2021105187	2021106542	2021106733	2021105834	2021105174
2021106618	<u>F16G 11 /-</u>	2021106542	<u>G02B 27 /-</u>	<u>G06F 11 /-</u>	2021105722
<u>E04G 21 /-</u>	2021106744	2021106625	2021106739	2021105543	2021105765
2021106613	<u>F16L 35 /-</u>	<u>G01J 5 /-</u>	2021105410	2021106594	2021105815
2021106618	2021106744	2021106549	<u>G02F 1 /-</u>	<u>G06F 15 /-</u>	2021105153
<u>E04G 23 /-</u>	<u>F16L 47 /-</u>	2021106737	2021105150	2021106663	2021105174
2021106618	2021106744	2021106549	2021105155	2021106633	2021105383
<u>E04G 25 /-</u>	<u>F16L 47 /-</u>	2021106737	2021105162	<u>G06F 16 /-</u>	2021105401
2021106618	2021106677	2021105469	2021105176	2021102955	2021105481
<u>E04G 3 /-</u>	<u>F16M 11 /-</u>	2021106586	2021105187	2021106743	2021105509
2021106613	2021106685	2021106586	2021105267	<u>G06F 17 /-</u>	2021105525
			2021105481	2021106540	2021105538
			2021105525	2021106556	2021106540
			2021105543	2021106580	2021106594
			2021106532	2021106594	
			2021106540		<u>G06N 3 /-</u>
					2021102642

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2021104458	<u>G06Q 99 /-</u>	<u>G10L 21 /-</u>		<u>H03M 13 /-</u>	<u>H04W 16 /-</u>
2021105153			<u>H01L 35 /-</u>		
2021105154	2021105497	2021105188	2021105227	2021105152	2021105611
2021105155				2021105611	
2021105480	<u>G06T 15 /-</u>	<u>G11C 8 /-</u>			<u>H04W 24 /-</u>
2021105481			<u>H01L 51 /-</u>	<u>H03M 7 /-</u>	
2021105519	2021105167	2021105714	2021106585	2021105714	2021104725
2021105525					2021105858
2021105722	<u>G06T 17 /-</u>	<u>G16B 45 /-</u>			
2021105834			<u>H01M 50 /-</u>	<u>H04B 1 /-</u>	<u>H04W 4 /-</u>
2021106540	2021105153	2021105401	2021105389	2021105341	2021104725
2021106580	2021105167				2021104726
2021106675		<u>G16H 10 /-</u>			2021105150
	<u>G06T 19 /-</u>	2021106556	<u>H01Q 1 /-</u>	<u>H04B 15 /-</u>	2021105341
<u>G06N 5 /-</u>	2021106739		2021105341	2021105341	2021105525
		<u>G16H 20 /-</u>	2021106531		2021106558
2021104851	<u>G06T 5 /-</u>	2021106529	<u>H01Q 17 /-</u>	<u>H04B 7 /-</u>	
2021105509				2021105341	<u>H04W 40 /-</u>
2021105815	2021102968	<u>G16H 40 /-</u>	2021105341		2021104726
	2021105153			<u>H04L 12 /-</u>	2021105171
<u>G06N 7 /-</u>	2021105406	2021105869	<u>H01Q 21 /-</u>		2021105176
				2021105171	
2021104762	<u>G06T 7 /-</u>	<u>G16H 50 /-</u>	2021105341	2021105176	<u>H04W 74 /-</u>
2021105481				2021105858	
2021105509	2021102968	2021102973	<u>H01Q 3 /-</u>		2021105611
	2021105167	2021106529		<u>H04L 27 /-</u>	
<u>G06Q 10 /-</u>	2021105722	2021106556	2021106531		<u>H04W 84 /-</u>
	2021105815	2021106571	<u>H01Q 5 /-</u>	2021105611	
2021102955	2021105827	2021106605			2021104723
2021104762			2021105341	<u>H04L 29 /-</u>	2021104725
2021104851	<u>G08B 21 /-</u>	<u>G16H 70 /-</u>		2021104723	2021104726
2021105196			<u>H01Q 9 /-</u>	2021104726	2021105176
2021105481	2021106575	2021105401		2021105150	2021105858
2021105765		2021106571	2021105341	2021105263	
2021106540	<u>G08B 7 /-</u>		2021105541	2021105383	<u>H05K 1 /-</u>
2021106580		<u>G16Y 10 /-</u>		2021105480	2021106597
2021106595	2021106550	2021105327	<u>H02G 1 /-</u>	2021105481	
2021106626		2021105401		2021105497	<u>No IPC Mark</u>
	<u>G09B 1 /-</u>	2021105481	2021106676	2021105542	
<u>G06Q 20 /-</u>	2021106740	2021105732	2021106677	2021106558	
		2021105869	<u>H02G 15 /-</u>	2021106663	
2021106622	<u>G09B 19 /-</u>				
	2021105188	<u>G16Y 20 /-</u>	2021106677	<u>H04L 5 /-</u>	
<u>G06Q 30 /-</u>				2021105611	
		2021105327	<u>H02J 13 /-</u>		
2021105509	<u>G09B 21 /-</u>			<u>H04L 9 /-</u>	
2021105552		<u>G16Y 40 /-</u>	2021106593		2021104458
2021106622	2021102968			2021105152	2021105552
2021106644		2021105401	<u>H02J 3 /-</u>	2021105765	
<u>G06Q 40 /-</u>	<u>G09B 23 /-</u>				
	2021105863	<u>H01B 13 /-</u>	2021106593	<u>H04N 13 /-</u>	
2021106580				2021106739	
2021106622	<u>G09B 7 /-</u>	2021106731	<u>H02P 101 /-</u>		
<u>G06Q 50 /-</u>	2021105732	<u>H01B 7 /-</u>	2021105187	<u>H04N 21 /-</u>	
	2021106556			2021106663	
2021103170		2021106677	<u>H02P 9 /-</u>		
2021104762	<u>G09B 9 /-</u>	2021106731		<u>H04Q 9 /-</u>	
2021104851			2021105187		2021105263
2021105196	2021106739	<u>H01G 11 /-</u>		2021105267	2021105506
2021105327			<u>H03H 17 /-</u>	2021106558	
2021105481	<u>G10K 15 /-</u>	2021106570			
2021105765		2021106585	<u>H03H 21 /-</u>		
2021105869	2021106533	2021106597			
2021106540			2021105162		
2021106558	<u>G10L 13 /-</u>	<u>H01L 27 /-</u>			
2021106595			<u>H03K 19 /-</u>		
2021106598	2021102968	2021105335		<u>H04W 12 /-</u>	
2021106622			2021105714		
2021106625	<u>G10L 15 /-</u>	<u>H01L 29 /-</u>			
2021106626	2021105538	2021105335			

PCT applications which have entered the National Phase

Name Index

- . (*) Title not in Roman characters
- . (**) Title not given

<p>(71) 10644137 Canada Inc. (11) AU-A-2020256855 (21) 2020256855 (22) 09.04.2020 (54) Hybrid-energy apparatus, system, and method therefor (51) Int. Cl. <i>H01L 27/00</i> (2006.01) <i>B82Y 30/00</i> (2011.01) <i>H01L 29/92</i> (2006.01) <i>H01L 31/053</i> (2014.01) <i>H01L 31/18</i> (2006.01) <i>H01L 51/48</i> (2006.01) <i>H01M 10/056</i> (2010.01) <i>H02M 7/48</i> (2007.01) (87) WO2020/206554 (31) 62/831,828 (32) 10.04.19 (33) US (43) 15.10.2020 (72) SCHERWITZ, Sam; PAHLEVAN-INEZHAD, Majid (74) Spruson & Ferguson</p>	<p>(54) Augmentative and alternative communication (AAC) reading system (51) Int. Cl. <i>G09B 21/00</i> (2006.01) <i>G09B 17/00</i> (2006.01) <i>G10L 13/027</i> (2013.01) <i>G10L 13/04</i> (2013.01) (87) WO2020/215128 (31) 2019901389 (32) 24.04.19 (33) AU (43) 29.10.2020 (72) PROUDFOOT, Katherine Alison; PROUDFOOT, Richard Barton (74) Griffith Hack</p>	<p>(43) 08.10.2020 (72) AGNELLO, Alessandro Simone; EICHMANN, Gregory John; LEMAY, Paul Roland (74) Davies Collison Cave Pty Ltd</p>
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<p>(71) 9346-6621 QUÉBEC INC. D/B/A POSITIVE DEGREE (11) AU-A-2020268220 (21) 2020268220 (22) 06.05.2020 (54) Water heaters with computing elements as a network (51) Int. Cl. <i>F24H 1/00</i> (2006.01) <i>G05D 23/19</i> (2006.01) <i>G06F 1/20</i> (2006.01) <i>G16Y 40/00</i> (2020.01) (87) WO2020/223808 (31) 62/843,632 (32) 06.05.19 (33) US (43) 12.11.2020 (72) DUCHESNE, Simon; DUCHESNE, Dominique (74) Michael Buck IP</p>	<p>(71) Abcuro, Inc. (11) AU-A-2020272939 (21) 2020272939 (22) 09.04.2020 (54) Killer cell lectin-like receptor subfamily G member 1 (KTRG1) depleting antibodies (51) Int. Cl. <i>A61P 35/00</i> (2006.01) <i>A61K 38/00</i> (2006.01) <i>A61K 39/395</i> (2006.01) <i>A61P 35/04</i> (2006.01) <i>C12N 15/85</i> (2006.01) (87) WO2020/210512 (31) 62/831,713 (32) 09.04.19 (33) US (43) 15.10.2020 (72) GULLA, Stefano Vincenzo; THOMPSON, Evan Kenneth (74) Catalyst Intellectual Property</p>	<p>(71) Adimab, LLC (11) AU-A-2020287384 (21) 2020287384 (22) 08.06.2020 (54) Engineered pH-dependent anti-CD3 antibodies, and methods for their generation and use (51) Int. Cl. <i>C07K 16/30</i> (2006.01) <i>C07K 16/28</i> (2006.01) <i>C07K 16/32</i> (2006.01) (87) WO2020/247932 (31) 62/858,968 (32) 07.06.19 (33) US (43) 10.12.2020 (72) GEOGHEGAN, James; PRINZ, Bianka; PEJCHAL, Robert (74) FB Rice Pty Ltd</p>
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B64C 39/02 (2006.01)
G06F 11/00 (2006.01)
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B60D 1/01 (2006.01)
B60D 1/28 (2006.01)
B60P 3/40 (2006.01)
B60P 7/12 (2006.01)
B61D 3/16 (2006.01)
B62B 3/02 (2006.01)
B62B 3/04 (2006.01)
B64C 1/12 (2006.01)
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B65D 85/68 (2006.01)
B66F 7/08 (2006.01)
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 (54) Method of operating a high altitude long endurance aircraft for maximizing solar capture
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H02S 10/40 (2014.01)
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C07D 209/04 (2006.01)
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A61K 38/17 (2006.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
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G01C 15/02 (2006.01)
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A61Q 17/04 (2006.01)
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G01N 33/50 (2006.01)
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E04F 21/02 (2006.01)
E04G 21/02 (2006.01)
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A47C 1/12 (2006.01)
A63G 9/08 (2006.01)
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A01C 23/04 (2006.01)
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A01N 1/02 (2006.01)
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C12N 5/078 (2010.01)
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A24D 1/02 (2006.01)
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D21H 17/13 (2006.01)
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C08L 3/02 (2006.01)
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A01H 1/00 (2006.01)
A01H 5/00 (2018.01)
C12N 15/29 (2006.01)
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A61K 38/09 (2006.01)
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A63B 21/062 (2006.01)
A63B 21/072 (2006.01)
A63B 23/00 (2006.01)
A63B 23/035 (2006.01)
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(21) 2020239996 (22) 13.03.2020	(21) 2020279976 (22) 19.05.2020	62/934,450	12.11.19	US
(54) Selective enrichment broth for detection of one or more pathogens	(54) Compositions comprising biologically active agents and bile salts	62/832,223	10.04.19	US
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(72) ZEGRATI, Cyrus Cody; CENTOLA, Michael Benjamin; SMITH, Paul Simon	(72) DOCHERTY, John; BUNKA, Christopher Andrew	(54) Chemically modified oligonucleotides for RNA editing		
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(71) Pontificia Universidad Católica de Chile	(71) PRC-DeSoto International, Inc.	C12N 15/113 (2010.01)		
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Wave Life Sciences Ltd.
 (11) AU-A-2020241559
 (21) 2020241559 (22) 19.03.2020
 (54) Technologies useful for oligonucleotide preparation
 (51) Int. Cl.
C07F 9/24 (2006.01)
C07H 1/02 (2006.01)
C07H 19/11 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Wave Life Sciences Ltd.
 (11) AU-A-2020261434
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 (54) Oligonucleotide compositions and methods of use thereof
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A61K 31/712 (2006.01)
A61K 31/713 (2006.01)
A61K 45/06 (2006.01)
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A61K 48/00 (2006.01)
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(71) WCCO Belting, Inc.
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 (21) 2020245147 (22) 04.03.2020
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B65G 15/44 (2006.01)
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 (31) 62/822,636 (32) 22.03.19 (33) US
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(71) World Wide Daily Holdings Company Limited
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 (54) Toothbrush and device for mounting and/or demounting a toothbrush head
 (51) Int. Cl.
A46B 7/04 (2006.01)
A46B 15/00 (2006.01)
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 (72) TO, Chunyuen
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(71) Worn Again Technologies Limited
 (11) AU-A-2020265790
 (21) 2020265790 (22) 01.05.2020
 (54) Recycling process
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C08J 11/08 (2006.01)
C08B 1/00 (2006.01)
C08J 3/09 (2006.01)
C08L 1/02 (2006.01)
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 (74) James & Wells Intellectual Property

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 (21) 2020285308 (22) 20.03.2020
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A61B 17/32 (2006.01)

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A61F 2/30 (2006.01)
(87) WO2020/242561
(31) 62/854,073 **(32)** 29.05.19 **(33)** US
(43) 03.12.2020
(72) MULLER, Erin; WOODARD, Joseph
 Ryan; STROHKIRCH, Terrance W.
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Xinjiang Goldwind Science & Techno-
 logy Co., Ltd.
(11) AU-A-2020256485
(21) 2020256485 **(22)** 07.02.2020
(54) Motor rotor and maintenance method
 therefor, motor, and wind turbine
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H02K 1/30 (2006.01)
H02K 1/27 (2006.01)
H02K 5/16 (2006.01)
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(31) 201910293934.1 **(32)** 12.04.19 **(33)** CN
(43) 15.10.2020
(72) LIU, Likun; LI, Yanhui
(74) Madderns Pty Ltd
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- (71)** YETI Coolers, LLC
(11) AU-A-2020287097
(21) 2020287097 **(22)** 03.06.2020
(54) Portable chair
(51) Int. Cl.
A47C 4/06 (2006.01)
A47C 1/026 (2006.01)
A47C 4/10 (2006.01)
A47C 4/20 (2006.01)
A47C 4/30 (2006.01)
A47C 4/34 (2006.01)
A47C 4/44 (2006.01)
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(31) 62/857,001 **(32)** 04.06.19 **(33)** US
 16/891,215 03.06.20 US
(43) 10.12.2020
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 BERG, Evan; WINTERHALTER, An-
 drew J.
(74) Southern Cross Intellectual Property
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- (71)** Yonsei University, University - Industry
 Foundation (UIF)
(11) AU-A-2020253853
(21) 2020253853 **(22)** 01.04.2020
(54) Novel compound and composition for
 prevention or treatment of respiratory
 diseases comprising same as active in-
 gredient
(51) Int. Cl.
A61K 31/422 (2006.01)
A61K 31/427 (2006.01)
A61P 11/00 (2006.01)
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(31) 10-2019-0038246 **(32)** 02.04.19 **(33)** KR
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(72) CHOI, Jae Young; HAN, Gyoonee;
 NAMKUNG, Wan; PARK, Sung Ha;
 PARK, Moo Suk
(74) Phillips Ormonde Fitzpatrick
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- (71)** Zodiac Pool Systems LLC
(11) AU-A-2020245144
(21) 2020245144 **(22)** 02.03.2020
(54) Debris-filter materials principally for
 automatic swimming pool cleaners
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2020/197712
(31) 62/823,134 **(32)** 25.03.19 **(33)** US
 62/844,422 07.05.19 US
(43) 01.10.2020
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 FAVIE, Louis
(74) FB Rice Pty Ltd

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2019433371	Spreadtrum Communications (Shanghai) Co., Ltd.	2020241105	InterDigital VC Holdings, Inc.
2019435951	The University of British Columbia; Provincial Health Services Authority; Abdera Therapeutics Inc.	2020241178	Vakona AB
2019436304	Nusca, R.	2020241367	DSCG Solutions, Inc.
2019437150	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020241374	TE Connectivity Services GmbH
2019439408	Kimberly-Clark Worldwide, Inc.	2020241559	Wave Life Sciences Ltd.
2019439469	Retractable Technologies, Inc.; Shaw, T.J.	2020241592	Medtronic Navigation, Inc.
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2019439793	Huawei Technologies Co., Ltd.	2020241839	Medtronic Navigation, Inc.
2019440455	Neumüller, W.	2020241956	Niagara Bottling, LLC
2019440945	Pontificia Universidad Católica de Chile	2020241959	Feria, R.
2019440977	Hendricks Corp Pte Ltd	2020241981	JJC Imports, LLC; Viner, J.; Viner, J.; Alfin, M.; Helmick, A.; Reuter, A.; Wilson, A.
2019441003	Hwang, Y.; Tsen, P.	2020241982	JJC Imports, LLC; Viner, J.; Viner, J.; Alfin, M.; Kelsoe, J.; Lim, S.; Wieren, P.
2019441125	Fujitsu Limited	2020241984	Valerio, T.A.
2019441369	SutureGard Medical, Inc.	2020242053	Emory University
2019441432	Silver Stallion GmbH	2020242061	I-V Access Technology, Inc.
2019441814	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2020242062	Lyndra Therapeutics, Inc.
2019442805	Anhui Aode Mining Machinery & Equipment Ltd.	2020242411	Shanghai Ringene Biopharma Co., Ltd.
2019443716	Wacker Chemie AG	2020242472	Ningbo Kunpeng Biotech Co., Ltd.
2019444038	Inneco sp. z o.o.,	2020242474	Southall, T.
2019444480	Micro Motion, Inc.	2020242520	Centro de Inmunologia Molecular; Ludwig Institute for Cancer Research Ltd; Centre Hospitalier Universitaire Vaudois; University of Lausanne
2019446032	Labaš, M.	2020242607	HUECK Rheinische GmbH
2019446331	Sandvik SRP AB	2020242661	Blucon Biotech GmbH
2019453393	Halliburton Energy Services, Inc.	2020242724	Ningbo Kunpeng Biotech Co., Ltd.
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2019457404	Halliburton Energy Services, Inc.	2020242978	Cambridge Cognition Limited
2019459040	Halliburton Energy Services, Inc.	2020243073	Oslo Universitetssykehus HF
2019459070	World Wide Daily Holdings Company Limited	2020243195	DEUTA-WERKE GmbH
2019463840	Tsao, Y.; Ho, T.	2020243465	Fidia Farmaceutici S.p.A.
2020229094	Revankar Krishna Prasad, P.	2020243527	Illumisonics Inc.
2020231251	Clix, Inc.	2020243532	Mt Ortho S.r.l.
2020234003	Evaxion Biotech A/S	2020243564	Unicyte EV AG
2020234300	Billi Technologies Pte. Ltd.; Georgopoulos, A.	2020243574	Enbala Power Networks Inc.
2020234564	Prorbar, Inc.	2020243703	Gamida-Cell Ltd.
2020234772	NuXcel, Inc.	2020243787	Asclepius (Suzhou) Technology Company Group Co., Ltd.
2020235339	Bosonic AG	2020243821	Southall, T.
2020235775	Plant Protection Research Institute of Guangdong Academy of Agricultural Sciences	2020243828	Maddali, V.V.K.
2020235883	R.P. Scherer Technologies, LLC	2020243834	IP of Australasian Distributors Pty Ltd
2020236001	Chang, Jonathan	2020244338	Anglo American Technical & Sustainability Services Ltd
2020236358	Interdigital VC Holdings, Inc.	2020244352	Alvit LCS Pharma Ltd.
2020236533	FluxSystems Pty Ltd	2020244671	Sinclair Systems International, LLC.; Graham, J.
2020236663	Enova Design Pty Ltd	2020244756	TCR2 Therapeutics Inc.
2020237347	Palmaya Pty Ltd	2020244761	Kinnate Biopharma Inc.
2020237542	Valerio, T.A.	2020244792	Ennovation, LLC
2020237854	Daikin Industries, Ltd.	2020244857	ELC Management LLC
2020238358	NGLTech Sdn. Bhd.	2020244887	Intellia Therapeutics, Inc.
2020239245	Lactocore, Inc.	2020244911	Tokai University Educational System; Nippon Zoki Pharmaceutical Co., Ltd.
2020239904	Stichting Euroclonality	2020245025	Putzmeister Engineering GmbH
2020239986	Amyris, Inc.; Klein, A.P.	2020245144	Zodiac Pool Systems LLC
2020239996	Polyskope Labs	2020245147	WCCO Belting, Inc.
2020240007	MSA Technology, LLC	2020245193	Telefonaktiebolaget LM Ericsson (Publ)
2020240083	JJC IMPORTS, LLC; Viner, J.; Viner, J.; Alfin, M.; Van Wieren, P.	2020245203	Uram, M.
2020240101	SoClean, Inc.	2020245238	Soteria Battery Innovation Group Inc.
2020240108	Lyndra Therapeutics, Inc.	2020245375	Spotlight Therapeutics
2020240320	The Regents of the University of Colorado, a body corporate; Waters, S.	2020245480	California Institute of Technology; 1200 Pharma LLC; The Regents of the University of California
2020240382	VORONOI CO., LTD.; Voronoibio Co., Ltd.; B2SBIO CO., LTD.	2020245532	Juno Diagnostics, Inc.
2020240496	NEC Corporation	2020245575	ELC Management LLC
2020240543	Daikin Industries, Ltd.	2020245707	Flint, J.; Oldfield, L.
2020240873	DAIKIN INDUSTRIES, LTD.	2020245801	The George Institute for Global Health
2020240943	LG Electronics Inc.	2020245898	Haemokinesis Pty Ltd.
2020241055	Avation Medical, Inc.		

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2020246221	Sysmex Corporation	2020252374	Bristol-Myers Squibb Company; Roche Innovation Center Copenhagen A/S
2020246725	Morinaga Milk Industry Co., Ltd.	2020252381	Vertex Pharmaceuticals Incorporated
2020246726	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020252710	Mitsubishi Tanabe Pharma Corporation
2020247100	Centrica Business Solutions Belgium N.V.	2020253155	Nvigorea AB
2020247131	Boehringer Ingelheim Vetmedica GmbH	2020253206	GreenIron H2 AB
2020247208	Telefonaktiebolaget LM Ericsson (publ)	2020253240	Joolies, LLC
2020247240	Huawei Technologies Co., Ltd.	2020253320	Kimberly-Clark Worldwide, Inc.
2020247255	ESSA Pharma, Inc.; The University of British Columbia	2020253345	Venn Biosciences Corporation
2020247393	Putzmeister Engineering GmbH	2020253451	American Sterilizer Company
2020247536	McPhy Energy	2020253479	Mission Bio, Inc.
2020247542	The George Institute for Global Health	2020253616	Vertiv Corporation
2020247556	Buzzelet Development And Technologies Ltd.	2020253621	Dren Bio, Inc.
2020247619	Omega Life Science Ltd.	2020253743	Oshkosh Corporation
2020247803	Regeneron Pharmaceuticals, Inc.	2020253831	Kimberly-Clark Worldwide, Inc.
2020247829	Engineroom Infrastructure Consulting Pty Ltd	2020253832	Kimberly-Clark Worldwide, Inc.
2020247911	DermTech, Inc.	2020253853	Yonsei University, University - Industry Foundation (UIF)
2020247987	Baylor College of Medicine	2020253875	BioBTX B.V.
2020247990	Ventyx Biosciences, Inc.	2020254066	Faresin Formwork S.p.A.
2020248049	NEC Corporation	2020254110	JSH Capital Pte. Ltd.
2020248093	TearClear Corp.	2020254219	Aquafortus Technologies Limited
2020248105	ESSA Pharma, Inc.	2020254328	Oshkosh Corporation
2020248351	Cognoa, Inc.	2020254332	Oshkosh Corporation
2020248370	Spotlight Therapeutics	2020254420	Board of Regents, The University of Texas System
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2020248422	Translational Drug Development, LLC	2020254549	Daikin Industries, Ltd.
2020248435	Curasen Therapeutics, Inc.	2020254586	Firefly Automatrix, Inc.
2020248470	Intellia Therapeutics, Inc.	2020254812	Intra-Cellular Therapies, Inc.
2020248490	ESS-Help, Inc.	2020254817	PRC-DeSoto International, Inc.
2020248784	Terumo Kabushiki Kaisha	2020254929	ProQR Therapeutics II B.V.
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2020249185	Tournicare Pty Ltd	2020254951	Innova Patent GmbH
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2020249189	Evocra Pty Limited	2020255239	Emblation Limited
2020249296	National Research Council of Canada	2020255269	Metalogenia Research & Technologies S.L.
2020249315	Saniona A/S	2020255297	The Cotter Crate Limited
2020249767	Salunda Limited	2020255346	Faresin Formwork S.p.A.
2020249799	H2GO Power Ltd	2020255663	Daikin Industries, Ltd.
2020249810	SiSaf Limited	2020255992	GreenIron H2 AB
2020249999	Eni S.p.A.	2020256141	Abiomed, Inc.
2020250381	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020256224	Vertex Pharmaceuticals Incorporated
2020250543	Vivo Mobile Communication Co., Ltd.	2020256256	Calgon Carbon Corporation
2020250613	Hangzhou Sumgen Biotech Co., Ltd.	2020256485	Xinjiang Goldwind Science & Technology Co., Ltd.
2020250749	Alfa Laval Corporate AB	2020256502	Peking University Third Hospital; Institute of Chemistry, Chinese Academy of Sciences
2020250832	AstraZeneca AB	2020256609	Beijing Wehand-Bio Pharmaceutical Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Science & Peking Union Medical College
2020250895	ProQR Therapeutics II B.V.	2020256644	Synhelion AG
2020250980	Faresin Formwork S.p.A.	2020256847	QBiotics Pty Ltd
2020251012	C.M.C. SpA	2020256855	10644137 Canada Inc.
2020251018	Provident Insurance Corporation Limited	2020256873	Peking University Third Hospital; Institute of Chemistry, Chinese Academy of Sciences
2020251045	Presagen Pty Ltd	2020256938	Institute of Chemistry, Chinese Academy of Sciences; Peking University Third Hospital
2020251261	Daikin Industries, Ltd.	2020257208	Sanford Research; Research Institute at Nationwide Children's Hospital
2020251282	GreenIron H2 AB	2020257210	Atmospheric Plasma Solutions, Inc.
2020251321	PharmaKure Limited	2020257211	Circinus Medical Technology LLC
2020251408	C.M.C. S.p.A.	2020257212	Atmospheric Plasma Solutions, Inc.
2020251432	Kabushiki Kaisha Yakult Honsha	2020257213	OMS Investments, Inc.
2020251627	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2020257217	Corning Research & Development Corporation
2020251673	Hinova Pharmaceuticals Inc.	2020257218	Board of Regents, The University of Texas System
2020251712	Commonwealth Scientific and Industrial Research Organisation	2020257220	Regeneron Pharmaceuticals, Inc.
2020251832	Fisher & Paykel Healthcare Limited	2020257266	Galary, Inc.
2020251960	Tarsus Pharmaceuticals, Inc.	2020257272	Colorado Research Partners LLC; The Regents of the University of Colorado, a body corporate
2020252003	Kimberly-Clark Worldwide, Inc.	2020257284	Corning Research & Development Corporation
2020252020	University of Massachusetts	2020257290	Elios Vision, Inc.
2020252034	MedImmune Limited	2020257291	Elios Vision, Inc.
2020252050	AstraZeneca AB	2020257301	The Johns Hopkins University
2020252069	Beijing Neoletix Biological Technology Co., Ltd.		
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2020257415	Meter Health, Inc.	2020262117	Regeneron Pharmaceuticals, Inc.
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2020257428	SkyCool Systems, Inc.	2020262153	Evotec International GmbH
2020257429	Hunt Perovskite Technologies, L.L.C.	2020262159	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2020257642	Daikin Industries, Ltd.	2020262240	EYEVENSY
2020257738	Ezydog LLC	2020262277	The Trustees of the University of Pennsylvania
2020257739	Fastbrick IP Pty Ltd	2020262284	ByteDance Inc.
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2020257885	Pear Therapeutics, Inc.	2020262392	CorNeat Vision Ltd.
2020257935	Inventio AG	2020262442	AACAPELLA HOLDINGS PTY LTD
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2020257992	ETH Zürich	2020262970	Commonwealth Scientific and Industrial Research Organisation
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2020258040	BAE Systems PLC	2020263183	Vivo Mobile Communication Co., Ltd.
2020258073	Callidus Welding Solutions Pty Ltd	2020263225	The University of Newcastle; TS Global Pty Limited
2020258083	Siropack Italia S.r.l.	2020263268	Team Industrial Services , Inc.
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2020258258	National University of Singapore; National University Hospital (Singapore) Pte Ltd	2020263418	Viola Bio, Inc.
2020258375	Circinus Medical Technology LLC	2020263478	LSI Solutions, Inc.
2020258444	Click Therapeutics, Inc.	2020263509	Children's Medical Center Corporation; TICEBA GmbH
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2020258483	Codiak BioSciences, Inc.	2020264056	Ecole polytechnique federale de Lausanne (EPFL)
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2020258778	ToolGen Incorporated; Handong Global University Industry-Academic Cooperation Foundation; Konkuk University Glocal Industry-Academic Collaboration Foundation	2020264440	Lovevery, Inc.
2020258854	The NOCO Company	2020264477	PepsiCo, Inc.
2020258980	Tableau Software, LLC	2020264521	Element Biosciences, Inc.
2020258987	Huawei Technologies Co., Ltd.	2020264738	Creo Medical Limited
2020259100	Quimatrix, S.L.; Fundación Kertor	2020264760	Celyad
2020259143	Sorbonne Universite; Centre National de la Recherche Scientifique; Assistance Publique Hopitaux de Paris; Buck Institute for Research on Aging	2020264786	Nexter Systems
2020259147	Construction Research & Technology GmbH	2020264938	Cornell Pump Company
2020259218	BAE Systems plc	2020264975	The Trustees of the University of Pennsylvania
2020259339	The NOCO Company	2020264976	The Trustees of The University of Pennsylvania
2020259384	Janssen Biotech, Inc.	2020264981	Typhon Technology Solutions, LLC
2020259461	Allergan Sales, LLC	2020265205	AeroVironment, Inc.
2020259474	National Institute of Technology Rourkela	2020265530	Aero Vironment, Inc.
2020259492	Momenta Pharmaceuticals, Inc.	2020265675	Boston Scientific Scimed, Inc.
2020259502	Elios Vision, Inc.	2020265790	Worn Again Technologies Limited
2020259560	Huawei Technologies Co., Ltd.	2020266010	Creo Medical Limited
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2020260110	NGM Biopharmaceuticals, Inc.	2020266724	GEA Mechanical Equipment GmbH
2020260128	Andes Ag, Inc	2020266748	Creo Medical Limited
2020260154	The Trustees of the University of Pennsylvania	2020266817	Boston Scientific Scimed, Inc.
2020260283	Feldan Bio Inc.	2020266829	The Trustees of the University of Pennsylvania
2020260290	Teijin Carbon Europe GmbH	2020267037	Roquette Freres
2020260339	Rottapharm Biotech S.r.l.	2020267349	INHIBRX, INC.
2020260657	Huawei Technologies Co., Ltd.	2020267390	VDYNE, Inc.
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2020262031	PMG Co., Ltd.	2020268435	Apollo Medical Optics, Ltd.
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2020262086	Shifamed Holdings, LLC	2020268685	Equinor Energy AS
		2020268721	Medtronic, Inc.
		2020268735	AeroVironment, Inc.
		2020268827	Inhibrx, Inc.
		2020268901	Greeneden U.S. Holdings II, LLC

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2020269268	Inhibrx, Inc.	2020282801	Ecolab USA Inc.
2020269275	Oerlikon Metco (US) Inc.	2020283012	Kabushiki Kaisha Toyota Jidoshokki
2020269308	NTT DOCOMO, INC.	2020283562	Rown Equipment Corporation
2020269370	Midwest Lighting Institute, Inc.	2020284643	AQSEPTENCE GROUP CARPI S.R.L.
2020270021	Guala Pack S.p.A.	2020284722	Societe Des Produits Nestle SA
2020270353	Signode Industrial Group LLC	2020285308	Wright Medical Technology, Inc.
2020270825	CareFusion 303, Inc.	2020285344	Keygene N.V.
2020270875	Stationmar AS	2020286602	Société des Produits Nestlé S.A.
2020271050	H. Lee Moffitt Cancer Center and Research Institute, Inc.	2020287097	YETI Coolers, LLC
2020271069	Lineage Logistics, LLC	2020287253	Société des Produits Nestlé S.A.
2020271108	California Institute of Technology	2020287328	The Board of Trustees of the Leland Stanford Junior University
2020271116	ContraFect Corporation	2020287384	Adimab, LLC
2020271278	Advosense GmbH	2020287639	Halliburton Energy Services, Inc.
2020271407	Ecole Royale Militaire; Centre National de la Recherche Scientifique (CNRS)	2020288080	Epiroc Rock Drills Aktiebolag
2020271556	ELC Management LLC	2020288608	Société des Produits Nestlé S.A.
2020271604	Fermentationexperts AS	2020288880	Adimab, LLC
2020271633	European Molecular Biology Laboratory; Universität Des Saarlandes; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2020289221	GE Energy Power Conversion Technology Ltd
2020271663	Tata Consultancy Services Limited	2020290136	Hitachi Zosen Inova AG
2020271767	University of Miami; Stem Synergy Therapeutics, Inc	2020290475	Mekonos Inc.
2020271810	Becton, Dickinson and Company	2020290509	Regeneron Pharmaceuticals, Inc.
2020271819	CareFusion 303, Inc.	2020290690	Johnson Matthey Davy Technologies Limited
2020271833	Mitobridge, Inc.	2020291583	Truma Gerätetechnik GmbH & Co. KG
2020271845	Huwais IP Holding LLC	2020291681	Vandewiele NV
2020272030	Goldfinch Bio, Inc.	2020292167	Southwest Research Institute
2020272051	Oceaneering International, Inc.	2020292699	PHILIP MORRIS PRODUCTS S.A.
2020272058	Symbiont.io, Inc.; The Vanguard Group, Inc.	2020295460	CRRC Qingdao Sifang Co., Ltd.
2020272144	TerraPower, LLC	2020298230	Tencent America LLC
2020272492	Star Fasteners (UK) Limited	2020306219	Ústav organické chemie a biochemie AV ČR v. v. i.
2020272549	Aerofoil Energy Limited	2020307360	AeroVironment, Inc.
2020272743	Blueprint Medicines Corporation	2020309101	Allegion (Australia) Pty Ltd
2020272747	Ball Corporation	2020310079	Allegion (Australia) Pty Ltd
2020272752	Next F/X Incorporated	2020313562	AeroVironment, Inc.
2020272767	SymbioCell Tech, LLC.	2020314835	Boston Scientific Scimed, Inc.; Universite Libre de Bruxelles; Brussels Medical Device Center
2020272850	Rheem Manufacturing Company	2020315116	Societe des Produits Nestle S.A.
2020272919	Inventio AG	2020315515	AeroVironment, Inc.
2020272939	Abcuro, Inc.	2020315785	Washington University; Intercontinental Great Brands LLC
2020272974	Prevail Therapeutics, Inc.	2020323686	F. Hoffmann-La Roche AG
2020272984	Normet Oy	2020334795	Citrix Systems, Inc.
2020273001	Flex-Seal Couplings Limited	2020343995	Clariant International Ltd
2020273019	Kensui LLC	2020364915	Lincoln University
2020273158	Pliant Therapeutics, Inc.	2020371836	Sunshine Lake Pharma Co., Ltd.
2020273616	Innospec Limited	2020373975	Kiwa Chemical Industry Co., Ltd.
2020273739	Schnell S.P.A.	2020377311	Nippon Paper Industries Co., Ltd.
2020273806	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	2020385426	Casco Signal Ltd.
2020274018	Spraying Systems Co.	2020389478	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020274027	The Regents of The University of California	2020415850	Jiangsu Tom Intelligent Equipment Co., Ltd
2020274085	Axine Water Technologies Inc.	2020415875	CRRC Yangtze Co., Ltd.
2020274094	Pharmosa Biopharm Inc.	2020416598	Tencent America LLC
2020274113	Nuvation Bio Inc.	2020416689	Tencent America LLC
2020274304	Qualcomm Incorporated	2020417994	Tencent America LLC
2020274339	DNA Twopointo Inc.	2020418789	CRRC Yangtze Co., Ltd.
2020274536	Morse Micro Pty. Ltd.	2020426060	Tencent America LLC
2020274620	Bracco Suisse SA	2020427921	Intuit Inc.
2020275433	Folium Food Science Limited	2020437817	Tencent America LLC
2020276291	Great Plains Manufacturing, Inc.	2020439771	Casco Signal Ltd.
2020276296	Shattuck Labs, Inc.	2020442001	Binzhou University
2020276338	QOL Holdings Pty Ltd	2021207452	Tencent America LLC
2020276679	Bracco Suisse SA	2021209275	The Chemours Company FC, LLC
2020276888	Faes Farma, S.A.	2021211618	Tencent America LLC
2020277040	Fuji Oil Holdings Inc.	2021225183	Cha, H.
2020277341	Poviva Corp.	2021232755	Plantic Technologies Limited
2020277971	Anduril Industries, Inc.	2021234355	Krista, B.
2020279534	Cytune Pharma	2021237513	RemeGen Co., Ltd.
2020279574	Microsoft Technology Licensing, LLC	2021239894	KNOW Bio, LLC
2020279629	Stratos Genomics, Inc.	2021240131	Tencent Technology (Shenzhen) Company Limited

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2021240132	Tencent Technology (Shenzhen) Company Limited
2021243493	Magotteaux International S.A.
2021250929	Tencent Technology (Shenzhen) Company Limited
2021254521	Tencent Technology (Shenzhen) Company Limited

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<u>A01B 33 /-</u>	<u>A01N 63 /-</u>	<u>A23N 1 /-</u>	<u>A47K 10 /-</u>	<u>A61B 90 /-</u>	2020242411
2020276291	2020260128	2020243834	2019439408	2020259502	2020243465
	2020261427		2020252003	2020261247	2020244352
	2020271116	<u>A24B 15 /-</u>	2020253320	2020263478	2020244887
<u>A01B 63 /-</u>			2020253831		2020245203
2020276291	<u>A21D 2 /-</u>	2020267871	2020253832	<u>A61C 3 /-</u>	2020245480
					2020245801
	2020249182	<u>A24D 1 /-</u>		2020271845	2020247255
<u>A01C 11 /-</u>			<u>A61B 1 /-</u>		2020247542
2020276291	<u>A23C 1 /-</u>	2020292699	2020243527	<u>A61D 3 /-</u>	2020247556
			2020251832		2020247619
	2019446032	<u>A24F 47 /-</u>	2020265675	2020255297	2020247987
<u>A01C 15 /-</u>					2020247990
2020257213	<u>A23C 21 /-</u>	2020247619	<u>A61B 10 /-</u>	<u>A61F 13 /-</u>	2020248105
					2020248392
	2020266724	<u>A42B 3 /-</u>	2020315785	2019441369	2020248422
<u>A01C 23 /-</u>				2020271278	2020248435
2020257213	<u>A23C 7 /-</u>	2020241981	<u>A61B 17 /-</u>		2020249315
		2020241982		<u>A61F 2 /-</u>	2020250832
	2020266724	2020257775			2020250895
<u>A01C 7 /-</u>			2019441369	2020252381	2020251673
2020257213	<u>A23C 9 /-</u>	<u>A45D 34 /-</u>	2020235339	2020256224	2020251712
			2020236001	2020258258	2020251960
	2019446032	2020257943	2020243532	2020258375	2020252020
<u>A01G 20 /-</u>	2020246725		2020251832	2020262086	2020252116
2020254586	2020266724	<u>A45D 40 /-</u>	2020258375	2020262392	2020252710
			2020261408	2020267390	2020253853
<u>A01H 1 /-</u>	<u>A23F 5 /-</u>	2020257943	2020263478	2020267416	2020254492
2020235775			2020271845	2020285308	2020254812
	2020287253	<u>A46B 15 /-</u>	2020285308		2020254929
<u>A01H 5 /-</u>				<u>A61F 9 /-</u>	2020256847
2020235775	<u>A23G 1 /-</u>	2019459070	<u>A61B 18 /-</u>		2020257272
				2020248093	2020257301
	2020315116	<u>A46B 7 /-</u>	2020254930	2020257290	2020258086
<u>A01J 11 /-</u>			2020255239	2020257291	2020258729
2020266724	<u>A23J 1 /-</u>	2019459070	2020257266	2020259502	2020258778
			2020259502	2020264738	2020259100
	2019440455	<u>A47B 3 /-</u>	2020264738	2020266010	2020259143
	2020267037		2020266010	2020266748	2020259384
<u>A01K 1 /-</u>	<u>A23J 3 /-</u>	2020254110	<u>A61B 3 /-</u>		2020259461
2020255297				<u>A61G 13 /-</u>	2020259474
	2020267037	<u>A47C 1 /-</u>	2020268435	2020276338	2020260339
<u>A01K 27 /-</u>					2020261234
2020257738	<u>A23K 20 /-</u>	2020272051	<u>A61B 34 /-</u>	<u>A61G 7 /-</u>	2020261434
		2020287097			2020262100
	2020284722	<u>A47C 4 /-</u>	2020258375	2020276338	2020262153
<u>A01K 67 /-</u>					2020266566
2020290509	<u>A23L 13 /-</u>	2020287097	<u>A61B 5 /-</u>	<u>A61H 11 /-</u>	2020267486
					2020267823
	2020267037	<u>A47F 1 /-</u>	2020241055	2020229094	2020267908
<u>A01M 1 /-</u>			2020242978		2020271833
2020245707	<u>A23L 2 /-</u>	2020254110	2020243527	<u>A61H 31 /-</u>	2020272030
			2020248351		2020272743
	2020243834	<u>A47F 3 /-</u>	2020249185	2020229094	2020273158
<u>A01N 1 /-</u>	2020286602		2020257427		2020274094
2020256502	2020288608	2020272549	2020268721	<u>A61J 3 /-</u>	2020277341
2020256873			2020276338		2020279976
2020256938	<u>A23L 33 /-</u>	2020254110	2020290475	2020240108	2020286602
			2020315785	2020242062	2020288608
<u>A01N 25 /-</u>	2020249182	<u>A47J 19 /-</u>			2020292167
2020282801	2020251432		<u>A61B 6 /-</u>	<u>A61K 31 /-</u>	2020371836
	2020284722	2020243834			
			2020276338	2019435951	<u>A61K 35 /-</u>
<u>A01N 37 /-</u>	<u>A23L 5 /-</u>	<u>A47J 37 /-</u>		2019440945	
2020260128			<u>A61B 8 /-</u>	2019441432	2020243564
2020282801	2020249182	2021225183		2020235883	2020243703
			2020248784	2020237347	2020243787
	<u>A23L 7 /-</u>			2020240382	2020244756
				2020241619	2020248392
	2020249182			2020242053	2020251321

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2020251712	<u>A61K 45 /-</u>	2020247619		<u>A61P 25 /-</u>	2020242411
2020256847		2020249810	<u>A61M 39 /-</u>		2020243703
2020258483	2020254492	2020256609		2019440945	2020243787
2020262277	2020261434	2020257376	2020251832	2020237347	2020244352
2020263509	2020267823	2020257415	2020270825	2020239245	2020244756
2020264760	2020267908	2020258483	2020271810	2020242411	2020245480
2020264975	2020274113	2020258729	2020271819	2020244887	2020247803
2020264976	2020288880	2020259474		2020248435	2020248422
2020268634		2020272767	<u>A61M 5 /-</u>	2020251321	2020249296
2020272767	<u>A61K 47 /-</u>	2020273158		2020254812	2020250613
2020274027		2020274094	2019439469	2020257301	2020250832
2020275433	2020235883	2020277341	2020271810	2020258026	2020251673
	2020240108	2020279976	2020271819	2020258086	2020252034
<u>A61K 36 /-</u>	2020241619	2020286602		2020259100	2020252116
	2020242062		<u>A61N 1 /-</u>	2020259143	2020254492
2020244352	2020243465	<u>A61L 2 /-</u>		2020259461	2020256609
2020251712	2020249296		2020234772	2020261234	2020259100
2020256609	2020252034	2020240101	2020241055	2020262153	2020259384
2020267908	2020257415		2020244792	2020263418	2020260154
2020271604	2020258483	<u>A61L 27 /-</u>	2020257266	2020266566	2020260339
	2020260283		2020262240	2020267908	2020262277
<u>A61K 38 /-</u>	2020276296	2020243532	2020268721	2020268634	2020267349
	2020292167			2020271833	2020267486
2019463840		<u>A61L 9 /-</u>	<u>A61N 5 /-</u>	2020292167	2020267823
2020239245	<u>A61K 48 /-</u>				2020268827
2020241178		2020240101	2020261247	<u>A61P 27 /-</u>	2020271833
2020241619	2020248392		2021239894		2020272743
2020243073	2020248470	<u>A61M 1 /-</u>		2020249810	2020272939
2020252050	2020249810		<u>A61P 1 /-</u>	2020257301	2020274339
2020257415	2020252020	2020261384		2020258729	2020279534
2020258026	2020252710		2020242411	<u>A61P 29 /-</u>	2020279976
2020258483	2020257208	<u>A61M 11 /-</u>	2020249315		2020286602
2020259474	2020258778		2020251712	2020242411	2020288880
2020260110	2020259143	2020247619	2020263509	2020258086	2020323686
2020266593	2020260154	<u>A61M 13 /-</u>	2020288608	2020271604	2021237513
2020271116	2020262277		<u>A61P 11 /-</u>		
2020272939	2020262485	2020251832		<u>A61P 3 /-</u>	<u>A61P 37 /-</u>
2020272974	2020272974		2020242411		2019440945
2020273158		<u>A61M 15 /-</u>	2020251627	2019440945	2020242411
2020279534	<u>A61K 49 /-</u>		2020252050	2020239245	2020244352
2021237513		2020247619	2020253853	2020242411	2020250613
	2020257218		2020266593	2020245480	2020253621
<u>A61K 39 /-</u>	2020274620	<u>A61M 16 /-</u>	2020274094	2020245801	2020274027
	2020276679			2020247542	2020288880
2019439633	2020306219	2020240101	<u>A61P 13 /-</u>	2020251712	
2020234003		2020271050		2020261234	<u>A61P 39 /-</u>
2020242520	<u>A61K 51 /-</u>		2020242411	2020262153	
2020244756		<u>A61M 21 /-</u>	2020259100	2020271833	2020251321
2020247131	2019435951		2020272030	2020284722	2020292167
2020247987	2020247255	2020269370	2020286602		
2020248370				<u>A61P 17 /-</u>	<u>A61P 31 /-</u>
2020248422	<u>A61K 6 /-</u>	<u>A61M 25 /-</u>			
2020249296			<u>A61P 19 /-</u>	2020241178	<u>A61P 43 /-</u>
2020250613	2020257376	2020242061		2020242411	2020242411
2020251627		2020261384	2020241178	2020247131	2020251321
2020258483	<u>A61K 8 /-</u>	2020264056	2020242411	2020253621	2020252710
2020259461		2020266817	2020262100	2020254929	2020260154
2020259492	2020244857		2020271833	2020258778	2020274027
2020263418	2020245575	<u>A61M 29 /-</u>		2020271116	2020286602
2020264760	2020252003		<u>A61P 19 /-</u>	2020275433	2020288608
2020264975	2020253320	2020242061		2020279534	
2020264976	2020253831		2019440945	2020288608	<u>A61P 5 /-</u>
2020266593	2020253832	<u>A61M 31 /-</u>	2020242411		2020245801
2020267349	2020261003		2020257376	<u>A61P 33 /-</u>	2020247542
2020267823	2020271556	2020266817	2020261234		2020271833
2020272939	2020277341		2020262153	<u>A61P 35 /-</u>	
2020279534		<u>A61M 35 /-</u>			<u>A61P 7 /-</u>
2021237513	<u>A61K 9 /-</u>		<u>A61P 21 /-</u>	2020251960	
		2020257943			<u>A61P 35 /-</u>
<u>A61K 41 /-</u>	2020235883		2020242411	<u>A61P 35 /-</u>	
	2020240108	<u>A61M 37 /-</u>	2020248392	2020240382	2020242411
2020247987	2020242062		2020252710	2020241619	2020245480
	2020243465	2020266817	2020271833	2020242053	2020259474
	2020247556	2020290475			2020271833

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2019440945	2020264440	2020242811	2020269129	2020245025	2020261399
2019463840	<u>A63J 5 /-</u>	<u>B01J 4 /-</u>	<u>B21D 22 /-</u>	<u>B28B 3 /-</u>	<u>B41J 2 /-</u>
2020242411	2020272051	2020277040	2020267846	2020247393	2020272747
2020251627	<u>B01D 11 /-</u>	<u>B01J 6 /-</u>	<u>B21D 3 /-</u>	<u>B29B 11 /-</u>	<u>B41J 3 /-</u>
2020271833	2020249186	2020277040	2020273739	2020241956	2020272747
2020371836	2020254219	<u>B01L 3 /-</u>	<u>B21D 51 /-</u>	2020259652	<u>B41M 5 /-</u>
<u>A61Q 1 /-</u>	<u>B01D 39 /-</u>	2020259906	2020267846	<u>B29C 33 /-</u>	2020272747
2020245575	2020253155	<u>B02C 23 /-</u>	<u>B22D 19 /-</u>	2020259652	2020272747
2020271556	<u>B01D 53 /-</u>	2020237542	2019444038	<u>B29C 43 /-</u>	<u>B44C 1 /-</u>
<u>A61Q 17 /-</u>	2020256256	2020241984	2021243493	2020259652	2020242607
2020244857	<u>B01D 61 /-</u>	<u>B03B 9 /-</u>	<u>B22F 7 /-</u>	<u>B29C 45 /-</u>	<u>B44C 5 /-</u>
<u>A61Q 19 /-</u>	2020274085	2020237542	2019444038	2020270021	2020242607
2020244857	<u>B01D 71 /-</u>	2020241984	<u>B23K 35 /-</u>	<u>B29C 48 /-</u>	<u>B44F 9 /-</u>
2020261003	2020256256	<u>B03D 1 /-</u>	2020269275	2020269129	2020242607
<u>A62D 3 /-</u>	<u>B01F 13 /-</u>	2020244338	<u>B23K 9 /-</u>	<u>B29C 49 /-</u>	<u>B60D 1 /-</u>
2020249186	2020259906	2020282389	2020258073	2020241956	2020313562
<u>A63B 1 /-</u>	<u>B01F 15 /-</u>	<u>B05B 1 /-</u>	<u>B23P 19 /-</u>	<u>B29C 70 /-</u>	<u>B60L 53 /-</u>
2020273019	2020259906	2020274018	2020313562	2020259652	2020315515
<u>A63B 17 /-</u>	<u>B01J 14 /-</u>	<u>B05B 12 /-</u>	<u>B23Q 1 /-</u>	2020260290	<u>B60L 8 /-</u>
2020273019	2020254219	2020272984	2020313562	<u>B29D 99 /-</u>	2020315515
<u>A63B 21 /-</u>	<u>B01J 19 /-</u>	<u>B05B 13 /-</u>	<u>B23Q 3 /-</u>	2020259652	<u>B60M 5 /-</u>
2020262031	2020256938	2020272984	2020313562	<u>B29L 31 /-</u>	2020234564
2020273019	2020259906	<u>B05B 7 /-</u>	<u>B25B 31 /-</u>	2020259652	<u>B60P 3 /-</u>
<u>A63B 23 /-</u>	<u>B01J 20 /-</u>	2020257213	2020257935	<u>B30B 5 /-</u>	2020313562
2020262031	2020256256	<u>B05D 3 /-</u>	<u>B25B 5 /-</u>	2020273806	<u>B60P 7 /-</u>
<u>A63B 24 /-</u>	<u>B01J 21 /-</u>	2020272850	<u>B25D 17 /-</u>	<u>B30B 9 /-</u>	2020313562
2020262031	2020242811	<u>B05D 7 /-</u>	2020263225	2020243834	<u>B60T 5 /-</u>
<u>A63F 13 /-</u>	<u>B01J 23 /-</u>	2020272850	2020257935	<u>B31B 50 /-</u>	2020243821
2021240131	2020242811	<u>B07B 1 /-</u>	<u>B25J 5 /-</u>	2020377311	<u>B61B 12 /-</u>
2021240132	2020242811	2019446331	2020261399	<u>B31F 1 /-</u>	2020254951
<u>A63G 21 /-</u>	<u>B01J 27 /-</u>	<u>B07B 15 /-</u>	<u>B25J 9 /-</u>	2020252003	<u>B61B 3 /-</u>
2020272051	2020242811	2020237542	2020257739	2020253320	2020415875
<u>A63G 27 /-</u>	<u>B01J 29 /-</u>	<u>B07C 5 /-</u>	2020259905	2020253831	2020418789
2020272051	2019441814	2020263107	<u>B27K 5 /-</u>	2020253832	<u>B61D 3 /-</u>
<u>A63G 31 /-</u>	<u>B01J 3 /-</u>	<u>B09B 3 /-</u>	2020249186	<u>B32B 27 /-</u>	2020313562
2020272051	2020273806	2020282389	<u>B28B 1 /-</u>	2020373975	2020415875
<u>A63G 9 /-</u>	<u>B01J 35 /-</u>	<u>B21C 23 /-</u>	2020245025	<u>B32B 9 /-</u>	2020418789
2020272051	2020242811	2020269129	2020247393	2021232755	<u>B61D 45 /-</u>
<u>A63H 3 /-</u>				<u>B33Y 30 /-</u>	2020418789
2020264440				2020245025	

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<u>B61D 47 /-</u>	<u>B64F 1 /-</u>	<u>B65D 85 /-</u>	<u>C01B 3 /-</u>	<u>C06B 25 /-</u>	<u>C07D 207 /-</u>
2020415875 2020418789	2020313562	2020313562	2020256644 2020283012	2020272752	2020249315 2020371836
<u>B61F 5 /-</u>	<u>B64F 5 /-</u>	<u>B65F 1 /-</u>	<u>C01B 32 /-</u>	<u>C06B 45 /-</u>	<u>C07D 209 /-</u>
2020295460	2020313562	2021234355	2020256644	2020271407 2020272752	2020257272
<u>B61L 27 /-</u>	<u>B65B 13 /-</u>	<u>B65G 15 /-</u>	<u>C01B 33 /-</u>	<u>C06C 15 /-</u>	<u>C07D 213 /-</u>
2020385426 2020439771	2020270353	2020245147	2019443716	2020272752	2019435951 2020248435 2020249315
<u>B62B 3 /-</u>	2020251012 2020251408	2020284643	<u>C01B 39 /-</u>	<u>C07B 39 /-</u>	<u>C07D 231 /-</u>
2020313562	<u>B65B 43 /-</u>	<u>B65G 33 /-</u>	2019441814	2020257218	2020251673 2020257272 2020260339
<u>B62D 7 /-</u>	<u>B65B 49 /-</u>	2020271069	<u>C01B 7 /-</u>	<u>C07C 17 /-</u>	<u>C07D 233 /-</u>
2020253743	2020251012	<u>B65H 51 /-</u>	2020244338	2020257218	2020261234
<u>B62H 5 /-</u>	<u>B65B 5 /-</u>	2020291681	<u>C01G 23 /-</u>	<u>C07C 19 /-</u>	<u>C07D 235 /-</u>
2020236663	2020251012 2020251408	<u>B65H 57 /-</u>	2020242811	2020256256	2020271833
<u>B62J 11 /-</u>	<u>B65B 69 /-</u>	2020291681	<u>C02F 1 /-</u>	<u>C07C 21 /-</u>	<u>C07D 249 /-</u>
2020241981 2020241982	2020415850	<u>B66B 29 /-</u>	2020247829 2020249189 2020254219 2020256256 2020274085	2021209275	2020248105 2020261234
<u>B62K 25 /-</u>	<u>B65B 7 /-</u>	2020272919	<u>C02F 103 /-</u>	<u>C07C 233 /-</u>	<u>C07D 257 /-</u>
2020242474 2020243821	2020258083	<u>B66C 17 /-</u>	2020282389	2020249315	2020248435
<u>B62L 1 /-</u>	<u>B65C 3 /-</u>	2020418789	<u>C02F 11 /-</u>	<u>C07C 259 /-</u>	<u>C07D 261 /-</u>
2020242474 2020243821	2020272747	<u>B66D 1 /-</u>	2020282389	2020248422	2020251673
<u>B62L 3 /-</u>	<u>B65C 9 /-</u>	2020415875	<u>C02F 3 /-</u>	<u>C07C 271 /-</u>	<u>C07D 265 /-</u>
2020242474 2020243821	2020244671	<u>B66F 11 /-</u>	2020249189 2020364915	2020249315	2020249315
<u>B63B 35 /-</u>	<u>B65D 1 /-</u>	2020254328 2020254332	<u>C02F 9 /-</u>	<u>C07C 291 /-</u>	<u>C07D 271 /-</u>
2020270875	2020253240 2020264477	<u>B66F 17 /-</u>	2020249189	2020290690	2019440945 2020261234
<u>B64C 1 /-</u>	2020244671	2020254332	<u>C04B 14 /-</u>	<u>C07C 311 /-</u>	<u>C07D 277 /-</u>
2020259652 2020313562	<u>B65D 5 /-</u>	<u>B66F 9 /-</u>	2019457404	2020249315	2020271767
<u>B64C 39 /-</u>	2020264477 2020267846	2020313562	<u>C04B 28 /-</u>	<u>C07C 39 /-</u>	<u>C07D 339 /-</u>
2020262292 2020265530 2020307360 2020313562 2020315515	2020253240 2020377311	2020283562 2020313562	2019457404 2020259147	2020257218	2020258729
<u>B64D 17 /-</u>	<u>B65D 65 /-</u>	<u>B67C 3 /-</u>	<u>C04B 35 /-</u>	<u>C07C 41 /-</u>	<u>C07D 401 /-</u>
2020265530	2020253240	2020415850	2020243828	2020276888	2019440945 2020251673 2020259384 2020260339 2020261234 2020274113
<u>B64D 25 /-</u>	<u>B65D 75 /-</u>	<u>B67D 7 /-</u>	<u>C05F 11 /-</u>	<u>C07C 43 /-</u>	<u>C07D 403 /-</u>
2020265530	2020253240 2020270021	2020277040	2020260128 2020261427	2020276888	2020242053 2020251673 2020259384 2020306219
<u>B64D 27 /-</u>	<u>B65D 77 /-</u>	<u>B82Y 30 /-</u>	<u>C05F 17 /-</u>	<u>C07C 45 /-</u>	
2020265205	2020258083	2020256855	2020290136	2020254219	
	<u>B65D 8 /-</u>	<u>B82Y 5 /-</u>	<u>C06B 21 /-</u>	<u>C07D 205 /-</u>	
	2020264477	2020258483	2020271407		

PCT applications which have entered the National Phase - IPC Index cont'd

2020371836	<u>C07F 15 /-</u>	2020268827	<u>C09K 5 /-</u>	2020252374	<u>C12P 21 /-</u>
<u>C07D 405 /-</u>	2020259906	2020269268	2021209275	2020252710	2020249296
2020371836	<u>C07F 5 /-</u>	2020279534		2020253479	
<u>C07D 413 /-</u>	2020306219	2020287384	<u>C09K 8 /-</u>	2020254420	<u>C12P 5 /-</u>
2020240382	<u>C07F 7 /-</u>	2020288880	2019457404	2020254929	2020364915
2020247990		2020323686		2020257992	
2020251673		<u>C07K 19 /-</u>	<u>C10B 19 /-</u>	2020258483	
2020259100		2020242472	2020242970	2020258778	<u>C12P 7 /-</u>
2020261234	<u>C07F 9 /-</u>	2020243787		2020260154	2020239986
2020262153		2020250613	<u>C10B 49 /-</u>	2020261427	2020242661
2020266566	2020241559	2020260283	2020253875	2020262277	2020262938
2020271833	2020267486	2020262277		2020262938	
		2020266829	<u>C10B 53 /-</u>	2020264760	<u>C12Q 1 /-</u>
<u>C07D 417 /-</u>	<u>C07H 1 /-</u>	2021237513	2020242970	2020264975	2020239904
2020240382	2020241559	<u>C07K 5 /-</u>	2020253875	2020264976	2020239996
2020251673		2020239245		2020266552	2020245898
2020259384	<u>C07H 19 /-</u>	2020252034	<u>C10G 1 /-</u>	2020266829	2020246221
2020271833		2020306219	2020253875	2020271108	2020247911
2020371836	2020241559	<u>C07K 7 /-</u>		2020272939	2020253479
	2020267486	2019463840	<u>C10G 35 /-</u>	2020272974	2020260283
<u>C07D 453 /-</u>	<u>C07H 21 /-</u>	2020239245	2020253875	2020274027	2020264521
2020261234		2020260283		2020274339	2020274339
<u>C07D 471 /-</u>	2020241559	2020271108	<u>C10G 5 /-</u>	2020275433	2020282024
2020240382	2020254929	<u>C08B 1 /-</u>	2020238358	2020285344	
2020242411	2020267486	2020265790		2020290509	
2020247990	2020272974	<u>C08B 37 /-</u>	<u>C10L 1 /-</u>	2021237513	<u>C21B 13 /-</u>
2020252116	2020274339	2020243465	2020273616		2020251282
2020254812	2020279629	<u>C08B 6 /-</u>		<u>C12N 5 /-</u>	2020253206
2020257301		2020256256	<u>C10L 3 /-</u>	2020242520	2020255992
2020259384	<u>C07K 14 /-</u>	<u>C08F 8 /-</u>	2020238358	2020243564	
2020260339		2020256938	2020238358	2020243787	<u>C21D 1 /-</u>
2020272030	2019439633	<u>C08J 11 /-</u>	<u>C10M 169 /-</u>	2020244911	2019442805
<u>C07D 473 /-</u>	2020235775	2020253875	2020343995	2020249296	
2020279629	2020242520	2020265790	<u>C11B 1 /-</u>	2020251321	<u>C21D 9 /-</u>
	2020243073	<u>C08L 1 /-</u>	2019440455	2020254420	2019442805
<u>C07D 487 /-</u>	2020247131	2020265790	2020250749	2020260283	<u>C22B 1 /-</u>
2020245480	2020252069	<u>C08L 3 /-</u>	<u>C12M 1 /-</u>	2020262117	2020244338
2020262100	2020252374	2021232755		2020262277	
2020272743	2020254420	<u>C08L 5 /-</u>	<u>C12N 1 /-</u>	2020263509	<u>C22B 11 /-</u>
	2020257208	2020243465	2020246725	2020264760	2020244338
<u>C07D 491 /-</u>	2020258483	<u>C08L 81 /-</u>	2020251432	2020287328	<u>C22B 13 /-</u>
2020240382	2020260110	2020254817	<u>C12N 15 /-</u>		2020251282
2020252034	2020260283	<u>C09J 181 /-</u>		<u>C12N 7 /-</u>	<u>C22B 5 /-</u>
	2020261427	2020254817	2020235775	2020241178	2020251282
<u>C07D 498 /-</u>	2020262117		2020242472	2020242724	2020253206
2020251673	2020264760	<u>C08L 3 /-</u>	2020242724	2020244887	2020255992
	2020264975	2021232755	2020243787	2020258778	
<u>C07D 513 /-</u>	2020264976	<u>C08L 5 /-</u>	2020244887	2020262938	<u>C22B 9 /-</u>
2020271833	2020271108	2020243465	2020245375	2020266829	2019443716
	2020276296	<u>C08L 81 /-</u>	2020245532		
	2020279534	2020254817	2020248470	<u>C12P 13 /-</u>	<u>C22C 1 /-</u>
	2020285344	<u>C08L 81 /-</u>	2020249296	2020262938	2019444038
<u>C07D 491 /-</u>		2020254817	2020250613		2020269275
2020244761	<u>C07K 16 /-</u>	<u>C09J 181 /-</u>	2020250895	<u>C12P 17 /-</u>	2021243493
2020271833	2020245375	2020254817	2020251432	2020248470	<u>C22C 29 /-</u>
<u>C07D 519 /-</u>	2020247803				2019444038
2020245480	2020249296				2020269275
	2020251627				2021243493
<u>C07F 1 /-</u>	2020253621				
2020259906	2020259492				
	2020263418				
	2020267349				
	2020267823				

PCT applications which have entered the National Phase - IPC Index cont'd

<u>C22C 32 /-</u>	<u>D05C 15 /-</u>	2020255346	<u>E21B 43 /-</u>	<u>F16B 19 /-</u>	<u>F21V 21 /-</u>
2020269275	2020291681	<u>E04H 3 /-</u>	2020262048 2020264981	2020272492	2020248490 2020253451
<u>C22C 33 /-</u>	<u>D21H 17 /-</u>	2020272051	<u>E21B 47 /-</u>	<u>F16B 31 /-</u>	<u>F21V 23 /-</u>
2020269275 2021243493	2020292699	<u>E04H 4 /-</u>	2019459040 2020249999 2020262048 2020287639 2020389478	2020241374 2020249767 2020272492	2020269370
<u>C22C 38 /-</u>	<u>D21H 19 /-</u>	2020245144			<u>F21V 33 /-</u>
2020269275 2021243493	2020292699	<u>E05B 15 /-</u>		<u>F16D 55 /-</u>	2020253451
<u>C22F 1 /-</u>	<u>D21H 21 /-</u>	2020309101	<u>E21C 35 /-</u>	2020243821	<u>F21V 5 /-</u>
2020258073	2020292699	<u>E05B 17 /-</u>	2019442805	<u>F16D 65 /-</u>	2020253451
<u>C23C 14 /-</u>	<u>D21H 27 /-</u>	2020309101	<u>E21D 11 /-</u>	2020242474 2020243821	<u>F21W 131 /-</u>
2020257429	2020252003 2020253320 2020253831 2020253832	<u>E05B 35 /-</u>	2020272984		2020253451
<u>C23C 16 /-</u>	<u>E01B 25 /-</u>	2020310079	<u>E21D 13 /-</u>	<u>F16F 9 /-</u>	<u>F21Y 103 /-</u>
2020257429	2020236663	<u>E05B 47 /-</u>	2020272984	2020295460	2020253451
<u>C23C 18 /-</u>	2020254951	<u>E05B 55 /-</u>	<u>F01D 25 /-</u>	<u>F16G 3 /-</u>	<u>F21Y 115 /-</u>
2020272850	<u>E01B 26 /-</u>	2020309101	2020264981	2020263225	2020253451
<u>C23C 22 /-</u>	2020269210	<u>E05B 63 /-</u>	<u>F01K 3 /-</u>	<u>F16K 17 /-</u>	<u>F24D 19 /-</u>
2019442805	<u>E01B 5 /-</u>	2020309101 2020310079	2020272144	2020291583	2020241959
<u>C23C 24 /-</u>	2020269210	<u>E05B 65 /-</u>	<u>F02B 43 /-</u>	<u>F16K 31 /-</u>	<u>F24D 3 /-</u>
2020269275	<u>E01C 13 /-</u>	2020309101	2020283012	2020291583	2020241959
<u>C23C 28 /-</u>	2019436304	<u>E05B 71 /-</u>	<u>F02B 51 /-</u>	<u>F16L 41 /-</u>	<u>F24F 1 /-</u>
2020258073	<u>E01F 9 /-</u>	2020236663	2020283012	2020273001	2019453586
<u>C23C 30 /-</u>	2020373975	<u>E05B 9 /-</u>	<u>F02C 6 /-</u>	<u>F16L 5 /-</u>	<u>F24F 11 /-</u>
2020269275	<u>E02F 9 /-</u>	2020309101 2020310079	2020243574	2020273001	2020237854 2020240496 2020240543 2020240873 2020255663
<u>C23C 4 /-</u>	<u>E04B 1 /-</u>	<u>E05C 1 /-</u>	2020264981	<u>F16L 55 /-</u>	
2020258073	2020245707	2020309101	<u>F02D 19 /-</u>	2020263268	<u>F16N 13 /-</u>
<u>C23C 8 /-</u>	<u>E04F 21 /-</u>	2020236663	2020283012	<u>F16N 13 /-</u>	<u>F24F 110 /-</u>
2020258073	2020272984	<u>E05D 1 /-</u>	<u>F02D 29 /-</u>	2019455088	2020240496
<u>C23F 13 /-</u>	<u>E04G 11 /-</u>	2020264440	2020283012	<u>F16N 39 /-</u>	<u>F24F 13 /-</u>
2020234564	2020254066	<u>E21B 17 /-</u>	<u>F02D 41 /-</u>	2019455088	2019453586
<u>C25B 3 /-</u>	<u>E04G 17 /-</u>	2019453393	<u>F02D 9 /-</u>	<u>F17C 11 /-</u>	<u>F24F 3 /-</u>
2020274085	2020250980 2020254066	<u>E21B 21 /-</u>	2020283012	2020249799	2020240496
<u>C25C 1 /-</u>	<u>E04G 21 /-</u>	2020254965	<u>F02D 9 /-</u>	<u>F17C 5 /-</u>	<u>F24F 7 /-</u>
2020247829	2020245025 2020247393 2020257739 2020259905 2020272984	<u>E21B 33 /-</u>	2020283012	2020247536	2020240496 2020245707
<u>C25C 7 /-</u>	<u>E04G 9 /-</u>	2019457404 2019459040 2020262048	<u>F02M 21 /-</u>	<u>F21S 4 /-</u>	<u>F24H 1 /-</u>
2020247829		<u>E21B 34 /-</u>	2020283012	2020253451	2020268220
<u>C30B 29 /-</u>			<u>F02M 27 /-</u>	<u>F21S 8 /-</u>	
2020257429			2020283012	2020253451	<u>F24S 21 /-</u>
			<u>F04C 28 /-</u>	<u>F21V 17 /-</u>	2020257428
	2020250980 2020254066		2020257642	2020253451	

PCT applications which have entered the National Phase - IPC Index cont'd

<u>F25B 23 /-</u>	<u>G01C 15 /-</u>	2020247987 2020253479 2020257220 2020259492	2020259218 2020373975	<u>G06F 30 /-</u>	<u>G09B 17 /-</u>
2020257428	2020261399	2020260110 2020260283 2020264521 2020267823	<u>G02B 6 /-</u>	2020257217 2020257739 2020259905	2020262442
<u>F25B 43 /-</u>	<u>G01C 21 /-</u>	2020271767 2020287328 2021237513	2020257217 2020257284	<u>G06K 9 /-</u>	<u>G09B 19 /-</u>
2020248049	2020257775 2020263909		<u>G03H 1 /-</u>	2019440977 2020257211 2020416598	2020248351
<u>F25B 49 /-</u>	<u>G01D 11 /-</u>		2020262090		<u>G09B 21 /-</u>
2020240873	2020249767		<u>G05B 15 /-</u>	<u>G06N 20 /-</u>	2020262442
<u>F25D 17 /-</u>	<u>G01G 19 /-</u>	<u>G01N 5 /-</u>	2020253616	2020251045	<u>G09B 7 /-</u>
2020272549	2020288080	2020256938			2020248351
<u>F25D 23 /-</u>	<u>G01H 9 /-</u>	<u>G01N 9 /-</u>	<u>G05B 19 /-</u>	<u>G06Q 10 /-</u>	<u>G10K 9 /-</u>
2020272549	2020241367	2019444480	2020241959 2020257739 2020259905 2020264938	2020251018	2020249999
<u>F25D 25 /-</u>	<u>G01J 3 /-</u>	<u>G01R 31 /-</u>		<u>G06Q 20 /-</u>	<u>G10L 13 /-</u>
2020272549	2020252264	2020240320	<u>G05D 1 /-</u>	2020234300 2020272058	2020262442
<u>F25J 1 /-</u>	<u>G01K 7 /-</u>	<u>G01R 33 /-</u>	2020261399 2020277971 2020307360 2020442001	<u>G06Q 30 /-</u>	<u>G10L 19 /-</u>
2020267798	2020273806	2020261267		2020231251 2020234300	2020262159
<u>F25J 3 /-</u>	<u>G01L 5 /-</u>	<u>G01S 13 /-</u>	<u>G05D 23 /-</u>	<u>G06Q 40 /-</u>	<u>G16B 20 /-</u>
2020260973	2020263225 2020288080	2020277971	2020268220	2020234300 2020251018	2020245532 2020271633 2020271663
<u>F27B 17 /-</u>	<u>G01M 17 /-</u>	<u>G01S 17 /-</u>	<u>G06E 1 /-</u>		<u>G16B 25 /-</u>
2020273806	2020288080	2020277971	2020267402	<u>G06Q 50 /-</u>	2020271663
<u>F28D 20 /-</u>	<u>G01M 3 /-</u>	<u>G01S 5 /-</u>	<u>G06F 1 /-</u>	2020243574	<u>G16B 30 /-</u>
2020243828 2020272144	2020263107	2020263909	2020240496 2020268220	<u>G06Q 99 /-</u>	2020245532 2020271633
<u>F28F 11 /-</u>	<u>G01M 5 /-</u>	<u>G01S 7 /-</u>	<u>G06F 11 /-</u>	2020240083	<u>G16B 40 /-</u>
2020272850	2020288080	2020263183	2020243195 2020262292	<u>G06T 7 /-</u>	<u>G16B 40 /-</u>
<u>F28F 13 /-</u>	<u>G01N 1 /-</u>	<u>G01V 1 /-</u>		2019440977 2020241839 2020251045 2020257211	2020245532 2020253345 2020271663
2020257428	2020257220	2020268685	<u>G06F 13 /-</u>		<u>G16B 50 /-</u>
<u>F28F 21 /-</u>	<u>G01N 11 /-</u>	<u>G01V 11 /-</u>	2020258980	<u>G07C 5 /-</u>	2020271633
2020243828	2019444480	2020249999	<u>G06F 16 /-</u>	2020241981 2020241982	<u>G16H 10 /-</u>
<u>F28F 9 /-</u>	<u>G01N 13 /-</u>	<u>G01V 3 /-</u>	2019441125 2020272058 2020427921	<u>G07C 9 /-</u>	2020242978 2020253345
2020272850	2020256938	<u>G02B 17 /-</u>	<u>G06F 17 /-</u>	2020241981 2020241982 2020263909 2020264431	<u>G16H 20 /-</u>
<u>F41A 9 /-</u>	<u>G01N 21 /-</u>	2020258040 2020259218	2020266600		2020242978 2020248351 2020257885
2020264786	2020252264	<u>G02B 21 /-</u>	<u>G06F 21 /-</u>	<u>G08B 17 /-</u>	<u>G16H 30 /-</u>
<u>F41H 11 /-</u>	<u>G01N 27 /-</u>	2020268435	2020231251 2020262970 2020279574	2019440977	2020241592
2020277971	2020282801	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>	<u>G08B 25 /-</u>	<u>G16H 40 /-</u>
<u>G01B 5 /-</u>	<u>G01N 29 /-</u>	2020257775 2020258040 2020259218 2020268435	2020263384 2021250929 2021254521	2020264431	2020256141
2020273739 2020288080	2020241367 2020243527	<u>G02B 5 /-</u>		<u>G08G 5 /-</u>	<u>G16H 50 /-</u>
<u>G01B 9 /-</u>	<u>G01N 33 /-</u>	2020258040		2020268735	2020242978 2020253345
2020268435	2020245898 2020246221 2020247911				

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2020268721	<u>H02J 13 /-</u>		<u>H04Q 9 /-</u>	<u>H05B 6 /-</u>
<u>G16Y 40 /-</u>	2020243574	<u>H04L 1 /-</u>	2020237854	2020254930
2020268220	<u>H02J 15 /-</u>	2019439793	2020240543	
<u>G21D 1 /-</u>	2019441003	<u>H04L 12 /-</u>	<u>H04S 1 /-</u>	<u>H05H 1 /-</u>
2020272144	<u>H02J 3 /-</u>	2020251261	2020262159	2020257210
<u>G21D 5 /-</u>	2020247100	2020254549		2020257386
2020272144	2020289221	2020255663	<u>H04S 3 /-</u>	2020257974
<u>G21D 9 /-</u>	<u>H02J 9 /-</u>	2020258444	2020262159	<u>H05K 7 /-</u>
2020272144	2020253616	<u>H04L 27 /-</u>	<u>H04W 24 /-</u>	2020240496
<u>H01B 7 /-</u>	<u>H02K 1 /-</u>	2020274536	2020247240	2020389478
2020234564	2020236533	<u>H04L 29 /-</u>	<u>H04W 28 /-</u>	
<u>H01F 27 /-</u>	2020256485	2020258444	2020246726	
2020257210	<u>H02K 15 /-</u>	2020262970	<u>H04W 36 /-</u>	
<u>H01F 38 /-</u>	<u>H02K 3 /-</u>	2020334795	2020247208	
2020257210	2020236533	<u>H04L 5 /-</u>	<u>H04W 4 /-</u>	
<u>H01J 37 /-</u>	<u>H02K 5 /-</u>	2020274304	2020263909	
2020257212	2020236533	<u>H04L 9 /-</u>	<u>H04W 52 /-</u>	
2020257386	2020256485	2020279574	2019433371	
<u>H01L 27 /-</u>	<u>H02K 9 /-</u>	<u>H04M 3 /-</u>	2020264938	
2020256855	2020236533	<u>H04M 7 /-</u>	<u>H04W 56 /-</u>	
<u>H01L 29 /-</u>	<u>H02M 7 /-</u>	2020268901	2020250543	
2020256855	2020256855	<u>H04N 13 /-</u>	<u>H04W 64 /-</u>	
<u>H01L 31 /-</u>	<u>H02P 21 /-</u>	2020416689	2020263909	
2020256855	2020289221	<u>H04N 19 /-</u>	<u>H04W 72 /-</u>	
<u>H01L 51 /-</u>	<u>H02P 9 /-</u>	2019437150	2020245193	
2020256855	2020253616	2020236358	2020246726	
<u>H01M 10 /-</u>	2020289221	2020240943	2020250381	
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<u>H01M 4 /-</u>	2020315515	2020258987	<u>H04W 74 /-</u>	
2020245238	<u>H02S 10 /-</u>	2020259889	2020274304	
<u>H01M 8 /-</u>	<u>H02S 40 /-</u>	2020260657	<u>H04W 76 /-</u>	
2020240320	2019441003	2020262284	2020247208	
<u>H01R 11 /-</u>	<u>H03H 9 /-</u>	2020267472	2020259560	
2020258854	2020259906	2020416689	2020269308	
2020259339	<u>H03M 7 /-</u>	2020417994	<u>H04W 8 /-</u>	
<u>H01R 13 /-</u>	2020298230	2020426060	2020247208	
2020241374	<u>H04B 1 /-</u>	2020437817	<u>H04W 92 /-</u>	
<u>H01R 4 /-</u>	2020274536	2021207452	2020246726	
2020241374	<u>H04B 11 /-</u>	2021211618	<u>H05B 33 /-</u>	
	2020249999	<u>H04N 21 /-</u>	2020269370	
		2020231251	<u>H05B 47 /-</u>	
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G06F 40/103 (2020.01)
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G06T 1/20 (2006.01)
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E04B 1/348 (2006.01)
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G01B 7/02 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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A61K 31/444 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/497 (2006.01)
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C07D 499/00 (2006.01)
A61K 31/431 (2006.01)
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A61K 31/497 (2006.01)
A61P 31/04 (2006.01)
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H04W 24/02 (2009.01)
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F02M 49/02 (2006.01)
F02M 53/04 (2006.01)
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G10K 11/168 (2006.01)

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A61P 25/00 (2006.01)
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H01Q 21/24 (2006.01)
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A61K 31/5383 (2006.01)
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C07D 487/04 (2006.01)
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A23K 40/20 (2016.01)
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A23K 50/42 (2016.01)
B29C 48/04 (2019.01)
B29C 48/06 (2019.01)
F25D 13/06 (2006.01)
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F04B 49/06 (2006.01)
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 C08J 5/18 (2006.01)
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 (54) DEVICES AND METHODS FOR FISTULA FORMATION
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G06T 7/40 (2017.01)
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2015259088	Glycosyn LLC	2016377222	Dijt, T.R.; Kloppenburg, B.
2015275334	Faresin Building S.p.A.	2016379425	Corvus Pharmaceuticals, Inc.
2015317793	Sangamo Therapeutics, Inc.	2016384692	ViCentra B.V.
2015320694	City of Hope	2016394648	FLSmith A/S
2015344980	BASF Plant Science Company GmbH	2016395434	Halliburton Energy Services, Inc.
2015374240	The Board of Trustees of the Leland Stanford Junior University	2016398436	Halliburton Energy Services, Inc.
2015409439	METSO OUTOTEC FINLAND OY	2016401674	Halliburton Energy Services, Inc.
2015415727	Razer (Asia-Pacific) Pte. Ltd.	2016401897	Sri, G.
2015417849	Volvo Construction Equipment AB	2016408394	Kimberly-Clark Worldwide, Inc.
2016200880	The Boeing Company	2016409898	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.
2016204053	Exel Industries	2016412145	Razer (Asia-Pacific) Pte. Ltd.
2016204706	Ausco Modular Pty Limited	2016413892	PayPal, Inc.
2016205967	Genmab A/S	2016415957	Razer (Asia-Pacific) Pte. Ltd.
2016206457	Juno Therapeutics, Inc.	2016417278	Lexmark International, Inc.
2016206682	The Brigham and Women's Hospital, Inc.	2016423175	Halliburton Energy Services, Inc.
2016209976	EryDel S.p.A.	2016423794	Halliburton Energy Services, Inc.
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2016214304	Janssen Vaccines & Prevention B.V.	2016429781	Halliburton Energy Services, Inc.
2016214420	Winclove Holding B.V.	2017207507	TVA Medical, Inc.
2016216629	Beau Bebe Pty Ltd	2017212149	South East Water Corporation
2016219480	10X Genomics, Inc.	2017212405	Koch-Glitsch, LP
2016225033	University of Washington	2017216046	Samsung Electronics Co., Ltd.
2016226279	Pharmacyclics LLC	2017217191	BASF SE
2016229614	Light Bio, Inc.	2017221141	Qualcomm Incorporated
2016229976	Synthetic Biologics, Inc.	2017222405	Rejuvetech Ltd
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2016247096	The Boeing Company	2017230971	AMO Groningen B.V.
2016258628	Cytomx Therapeutics, Inc	2017231090	Carew-Hopkins, B.
2016259427	Adobe Inc.	2017231832	Ardea Biosciences, Inc.
2016268867	Page Surgical Innovations, LLC	2017232220	RAIL VISION EUROPE LTD
2016269510	ASSA ABLOY Australia Pty Limited	2017232377	FMC Corporation
2016273869	agrotop GmbH	2017232507	Magic Leap, Inc.
2016278958	ConocoPhillips Company	2017235278	F. Hoffmann-La Roche AG
2016285868	Nanotics, LLC	2017235517	Kobayashi Pharmaceutical Co., Ltd.
2016293784	National University Corporation KOBE University; Cosmed Pharmaceutical Co., Ltd.	2017235606	H4 Orphan Pharma
2016296205	Institut Pasteur; Universite Paris Descartes; Centre Hospitalier Sainte Anne Paris; Institut Gustave-Roussy	2017235715	Université de Nantes; Chu de Nantes - Centre Hospitalier Universitaire de Nantes -; Inserm - Institut National de la Santé et de la Recherche Médicale
2016296709	AbbVie Inc.	2017238517	Johnson & Johnson Surgical Vision, Inc.
2016309001	Weatherford Technology Holdings, LLC	2017241748	Cryovac, LLC
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2016314503	Mettler-Toledo GmbH	2017245388	Urban Software Institute GmbH
2016314796	Under the Roof Decorating Inc.	2017247003	Ausco Modular Pty Limited
2016317378	Ono Pharmaceutical Co., Ltd.	2017247138	Qualcomm Incorporated
2016320188	Kao Corporation	2017248349	Oshkosh Corporation
2016321616	Sistag AG	2017248765	Tiger Tool International Incorporated
2016323780	Agrivida, Inc.	2017249642	Evonik Operations GmbH
2016326723	Leica Biosystems Imaging, Inc.	2017250534	BASF SE
2016328384	Universite de Liege; Centre Hospitalier Universitaire de Liege	2017250665	Monosol, LLC
2016328757	Regent Beleuchtungskörper AG	2017251682	Insitu, Inc.
2016333292	Athenex HK Innovative Limited	2017252020	AMO Groningen B.V.
2016341389	Société des Produits Nestlé S.A.	2017254121	MECS, Inc.
2016344136	Kemin Industries, Inc.	2017257852	Allegiance Corporation
2016347542	Glanbia Ireland Designated Activity Company	2017260320	Indiana University Research & Technology Corporation
2016349169	Italfarmaco SpA	2017262960	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2016351942	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.; Midea Group Co., Ltd.	2017265249	Arevo AB
2016356065	Nobel Biocare Services AG	2017268661	Adobe Inc.
2016357325	EEMS Holding LLC	2017269610	Gries, G.
2016358328	Telesat Canada	2017272764	Upcon Corporation
2016358628	Zummo Innovaciones Mecanicas, S.A.U	2017273976	M. Technique Co., Ltd.
2016362390	Zhejiang Jianfeng-Yien Biotechnology Co., Ltd.	2017274558	Nuix North America Inc.
		2017277761	Lonza Ltd
		2017278725	Unicharm Corporation

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2017281684	Oy Karl Fazer AB	2018220643	Maven Wireless Sweden AB
2017283537	The Regents of The University of California	2018222327	BASF Agro B.V.
2017286868	Pfizer Inc.	2018223147	Maven Wireless Sweden AB
2017292613	Retractable Technologies, Inc.; Shaw, T.J.	2018224065	Yield10 Bioscience, Inc.
2017292918	Cardurion Pharmaceuticals, LLC	2018226398	Adobe Inc.
2017295125	Battelle Memorial Institute	2018226401	Adobe Inc.
2017295710	Hollister Incorporated	2018227005	Acousia Therapeutics GmbH
2017296991	FG Innovation Company Limited; Sharp Kabushiki Kaisha	2018227071	Linxens Holding
2017298142	ArthroSi Therapeutics, Inc.	2018233733	Magic Leap, Inc.
2017300595	BASF SE	2018235140	Pharma Mar, S.A.
2017302345	Magic Leap, Inc.	2018238041	S.P.C.M. SA
2017307229	Macquarie University	2018241406	BASF SE
2017307919	Institut for Energiteknikk	2018246553	Takeda Pharmaceutical Company Limited
2017308378	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2018257071	Shionogi & Co., Ltd.; StemRIM Inc.
2017309113	Samsung Electronics Co., Ltd.	2018262130	Nanotech Security Corp.
2017310535	Oregon Health & Science University	2018266321	ExxonMobil Upstream Research Company
2017310778	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2018272784	SAF-HOLLAND GmbH
2017313281	Nexans Solar Technologies	2018277041	FMC Corporation
2017315139	immatics biotechnologies GmbH	2018284707	Asahi Kasei Medical Co., Ltd.
2017315682	Sage Therapeutics, Inc.	2018285131	Boehringer Ingelheim International GmbH
2017316289	Qualcomm Incorporated	2018285336	Liberty Global Europe Holding B.V.
2017321416	Dart NeuroScience, LLC	2018285598	Avexxin AS
2017322277	Zealand Pharma A/S; Boehringer Ingelheim International GmbH	2018288822	Qualcomm Incorporated
2017323521	FGH Biotech, Inc.	2018291152	Equifax, Inc.
2017325928	Nuts Holdings, LLC	2018295870	LG Electronics Inc.
2017326230	Fritz Ruck Ophthalmologische Systeme GmbH	2018298150	Signpath Pharma, Inc.
2017326249	L-3 Communications Corporation	2018300000	Gen-Probe Incorporated
2017326466	Cortexyme, Inc.	2018301448	TerMir, Inc.
2017332839	Cancer Research Technology Limited	2018310374	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2017335817	Ecolab USA Inc.	2018313812	Vision Composite Products, LLC
2017341769	Carnot, LLC	2018317319	Baker Hughes Holdings, LLC
2017342437	Cryovac, LLC	2018322361	3M Innovative Properties Company
2017342826	Mars, Incorporated	2018326243	The NOCO Company
2017345435	Biogen MA Inc.	2018329368	Futuri Media, LLC
2017345923	Shionogi & Co., Ltd.	2018333797	Buind, K.
2017346593	SRS Medical Systems, LLC	2018334223	Ball Corporation
2017347404	StorEnergy Holdings Ltd	2018336556	Shanghai United Imaging Healthcare Co., Ltd.
2017349462	Lift BioSciences Ltd	2018336821	The NOCO Company
2017350945	Verily Life Sciences LLC	2018337853	Sami Labs Limited
2017351483	Société des Produits Nestlé S.A.	2018338041	3M Innovative Properties Company
2017352853	Agricision Limited	2018349084	Novopro Projects Inc.
2017353995	The Coca-Cola Company	2018352723	PGBC Intellectual Holdings, LLC
2017355627	Heatworks Technologies, Inc.	2018353290	Rheinmetall Waffe Munition GmbH
2017356699	Ramat at Tel-Aviv University Ltd.	2018359218	NantBio, Inc.
2017361420	Locus Agriculture IP Company, LLC	2018361560	Abu Dhabi Polymers Company Limited (Borouge) LLC; Borealis AG
2017362324	Wright, D.	2018364938	Angex Pharmaceutical, Inc.
2017362971	Hologic, Inc.	2018366961	Telefonaktiebolaget LM Ericsson (publ)
2017366723	Bedford Systems LLC	2018368627	Svitzer A/S
2017372268	Fudan University	2018371062	Carl Freudenberg KG
2017373373	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2018374160	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017373587	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin	2018374514	Excillum AB
2017376624	Ariad Pharmaceuticals, Inc.	2018375002	The Children's Medical Center Corporation
2017388759	Bioxcel Therapeutics, Inc.	2018375789	Takeda Vaccines, Inc.
2017391323	NEC Corporation	2018379834	Edge Electronics Limited
2017443043	Google LLC	2018385308	Gates Corporation
2018200857	TrainNorman Assets Pty Ltd	2018392884	GlaxoSmithKline Biologicals SA
2018207345	Merck Patent GmbH	2018395066	Great Wall Motor Company Limited
2018208077	Revalo Biotherapeutics Limited	2018397667	Sami Labs Limited
2018208422	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft	2018397882	Suntory Holdings Limited
2018212527	RVT Group Limited	2018402372	Technologies' Xanadu of Resonatory-Solar-Systemed Co., Ltd.
2018213046	Microsoft Technology Licensing, LLC	2018404778	Weatherford Technology Holdings, LLC
2018214527	Dreve Dentamid GmbH	2018405217	Axon Enterprise, Inc.
2018215170	Osaka University	2018405991	Nova Fitness Co., Ltd.
		2018409584	Yazaki Energy System Corporation
		2018410908	Axon Enterprise, Inc.
		2018411276	IHI Corporation; TOCALO Co.,Ltd
		2018412991	Mitsubishi Electric Corporation

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2018413663	South China University of Technology; Guangzhou Shunhai Shipyards Ltd.	2019284060	Impax Laboratories, LLC
2018414730	Huawei Technologies Co., Ltd.	2019284155	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2018417350	Mitsubishi Electric Corporation	2019285491	Pfizer Inc.
2018426939	Essity Hygiene and Health Aktiebolag	2019285867	Kawasaki Jukogyo Kabushiki Kaisha
2018427410	HUANG, C.	2019290030	Flint, J.; Oldfield, L.
2018430595	Beijing Microlive Vision Technology Co., Ltd	2019291889	Ecolab USA Inc.
2018448364	Oh, Y.K.	2019308479	Northrop Grumman Systems Corporation
2019200363	MAX CO., LTD.	2019317217	Fast Build Systems Pty Ltd
2019202259	GENENTECH, INC.	2019318756	ARMAS, D.
2019202572	Genomatica, Inc.	2019323956	JFE Steel Corporation
2019202888	Takeda Pharmaceutical Company Limited	2019326368	Janssen Pharmaceutica NV
2019204327	COMMON SENSE LTD.	2019329706	Techtronic Floor Care Technology Limited
2019207134	Huawei Technologies Co., Ltd.	2019339644	Cipla Limited
2019213367	Adobe Inc.	2019340624	JFE Steel Corporation
2019214536	Luxottica S.r.l.	2019344670	UBER TECHNOLOGIES, INC.
2019214697	Great Wall Motor Company Limited	2019356719	Mitsubishi Heavy Industries Engineering, Ltd.
2019214987	Institute for Musculoskeletal Science and Education, Ltd.	2019357516	Fujikura Ltd.
2019216704	Regenmed Systems, Inc.	2019385000	Komatsu Ltd.
2019217805	Citrix Systems, Inc.	2019390996	China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co.,Ltd.
2019218298	Huawei Technologies Co., Ltd.	2019397415	IMET Corporation
2019222865	FONTEM HOLDINGS 1 B.V.; Wensley, M.; Hufford, M.; Lloyd, P.	2019399566	China University of Mining and Technology
2019222913	ETHICON ENDO-SURGERY, INC.	2019403434	Performance Nanocarbon, Inc.
2019226256	Aristocrat Technologies Australia Pty Limited	2019430111	Biodyne Co., Ltd.
2019226276	Genzyme Corporation	2019436653	Dalian University of Technology
2019227819	Comfort Concepts, LLC	2019453609	STUT NO.1 PTY LTD
2019230247	JFE Steel Corporation	2020200100	Aristocrat Technologies Australia Pty Limited
2019232250	Leonardo UK Ltd	2020200127	LG Electronics Inc.
2019232888	VOIDECK IPCO LIMITED	2020200143	The Johns Hopkins University
2019233446	Phenox GmbH	2020200197	Implantica Patent Ltd
2019235640	Modular Tanking Solutions (Mauritius) Ltd	2020200198	Diebold, Incorporated
2019236600	Refined Sands Pty Ltd	2020200248	NAVICO HOLDING AS
2019236704	Bradken Resources Pty Ltd	2020200274	XIAMEN ROADZUP OUTDOOR PRODUCTS CO., LTD
2019240484	Electronic Caregiver, Inc.	2020200319	MILWAUKEE ELECTRIC TOOL CORPORATION
2019240701	Dolby International AB	2020200347	Implantica Patent Ltd
2019240703	Aristocrat Technologies Australia Pty Limited	2020200389	Adobe Inc.
2019244385	Nicoventures Trading Limited	2020200420	Amazentis SA
2019246760	RKLAB AG	2020200424	Atlas Copco Airpower, naamloze vennootschap
2019246762	Cipla Limited	2020200429	Canon Kabushiki Kaisha
2019246845	Wright Medical Technology, Inc.	2020200540	Eddy Current Limited Partnership
2019246856	Eyesmatch Ltd	2020200839	Rubicon Research Pty Ltd
2019246923	Aristocrat Technologies Australia Pty Limited	2020200890	immatics biotechnologies GmbH
2019249008	FUJIFILM Corporation	2020200954	Biosuccess Biotech Co. Ltd.
2019251203	Becton, Dickinson and Company	2020201080	Angel Group Co., Ltd.
2019255480	Colgate-Palmolive Company	2020201105	TRACTO-TECHNIK GmbH & Co. KG
2019257519	Société des Produits Nestlé S.A.	2020201409	Rearden, LLC
2019257528	Amarin Pharmaceuticals Ireland Limited	2020201589	Schumacher Electric Corp.
2019259292	Cytexa GmbH	2020201635	NuXcel, Inc.
2019261524	Dropbox, Inc.	2020201825	Beijing Didi Infinity Technology and Development Co., Ltd.
2019261746	TRACTO-TECHNIK GmbH & Co. KG	2020202006	Aristocrat Technologies Australia Pty Limited
2019261824	Altria Client Services LLC	2020202021	Adobe Inc.
2019261984	Alliance for Sustainable Energy, LLC; The Regents of the University of Colorado, a body corporate	2020202297	Trekace Technologies Ltd; Gabbay, R.I.
2019262151	Optikam Tech, Inc.	2020202409	Kop-Coat, Inc.
2019264697	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020202724	Centripetal Networks, Inc
2019269370	Boston Scientific Scimed, Inc.	2020203033	Société des Produits Nestlé S.A.
2019270966	The Procter & Gamble Company	2020203096	Verb Surgical Inc.
2019271881	LG Electronics Inc.	2020203101	Hoffman, S.
2019271975	Yodlee, Inc.	2020203371	Apple Inc.
2019275514	TVA Medical, Inc.	2020203472	LG ELECTRONICS INC.
2019275650	Berkeley Lights, Inc.	2020203553	The University of Queensland
2019276149	Advanced New Technologies Co., Ltd.	2020203587	Apple Inc.
2019277162	Advanced New Technologies Co., Ltd.	2020203610	RENMATIX, INC.
2019278950	PayPal, Inc.	2020203901	Genomatica, Inc.
2019279900	Gilead Sciences, Inc.	2020203984	Lonza, LLC
2019279941	Technip France	2020204111	Acuitas Therapeutics Inc.
2019280046	Joy Global Surface Mining Inc	2020205226	Velano Vascular, Inc.
2019280047	Adobe Inc.	2020205267	SC Asset Corporation
2019283995	Retinagenix Holdings LLC	2020207818	Accenture Global Solutions Limited
		2020210139	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.

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2020210271	Gen-Probe Incorporated
2020213276	iRhythm Technologies, Inc.
2020213298	BLY IP Inc.
2020218866	Concept Safety Systems (Holdings) Pty Ltd
2020226862	Pharmaceutical Productions, Inc.
2020227075	SIMI CONNECT LIMITED
2020239368	Nevomo Poland Spolka Z Ograniczona Odpowiedzial- noscia
2020239831	Motorola Solutions, Inc.
2020243292	Savroc Ltd
2020244521	Fresenius Medical Care Holdings, Inc.
2020244549	Medline Industries, Inc.
2020250158	OwnBackup Ltd
2020250283	Drive DeVilbiss Sidhil Ltd
2020256416	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Insti- tute Co., Ltd.
2020256447	Corning Incorporated
2020260521	Neutrik AG
2020264409	Autonomous Healthcare, Inc.
2020288071	Stamicarbon B.V.
2020294343	Google LLC
2021200905	Waymo LLC
2021202296	MyMD Pharmaceuticals (Florida), Inc.
2021203405	Tiandi Science & Technology Co.,Ltd
2021203637	Citrix Systems, Inc.
2021204697	Starpharma Pty Ltd
2021229229	Equashield Medical Ltd.
2021240173	Mosca, L.

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A01B 69 /-	2017361420	2017300595		2017278725	2017323521
	A01P 11 /-	2017351483	A47L 5 /-	2018426939	2017332839
2017352853		A24D 1 /-	2017216046	2019204327	2017345923
	2017269610		2019271881	A61F 2 /-	2017376624
A01C 1 /-	A01P 17 /-	2019222865			2017388759
		A24F 47 /-	A47L 9 /-	2016268867	2018207345
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A01D 45 /-	A01P 19 /-	2019222865	2016401897	2016401897	2018235140
		2019244385	2019271881	2017230971	2018285131
2016377222	2017269610	2019261824		2017238517	2018285598
A01D 47 /-	A01P 3 /-	A42B 3 /-	A61B 10 /-	2017252020	2018298150
				2019214987	2018301448
2016377222	2017217191	2018338041	2019216704	2019214987	2018359218
A01G 23 /-	2017250534	A46B 5 /-	2019430111	2019269370	2018364938
	A01P 5 /-		A61B 17 /-	2020200197	2018397667
2015417849		2019255480		2020200347	2019246762
A01H 5 /-	2017250534	A46D 3 /-	2016364716	A61F 5 /-	2019249008
	A01P 7 /-		2016426983		2019257528
2018224065		A47C 1 /-	2017307229	2017278725	2019279900
A01K 61 /-	2017217191		2018336556	A61F 9 /-	2019283995
	2017250534	A47C 4 /-	2019214987		2019285491
2016368691	A21D 8 /-		2019216704	2016401897	2019326368
A01M 17 /-		A47C 7 /-	2019222913	2017326230	2020200143
	2017281684		2019233446	2018338041	2020200420
2017361420	A23K 10 /-	2019227819	2019246845	2020202297	2020200954
A01N 1 /-			2019275514	A61G 5 /-	2020202409
	2016323780	2019227819	2020203096		2020203101
2017362971	A23K 20 /-		A61B 3 /-	2020244549	2020226862
A01N 25 /-		A47C 7 /-	2019262151	A61G 7 /-	2021202296
	2017300595		A61B 34 /-		2021204697
2016408394	A23K 40 /-	2019227819		A61G 7 /-	A61K 35 /-
2017250534		A47F 3 /-	2018336556	2020250283	2016214420
A01N 33 /-	2019257519		A61B 5 /-	A61H 1 /-	2017349462
	A23K 50 /-	2018200857			A61K 36 /-
2016408394		A47G 1 /-	2016225033	2020203553	2016344136
2017232377	2019257519	2016314796	2016328384	A61H 3 /-	2018397667
A01N 37 /-	2020203033		2016364716	2020244549	A61K 38 /-
	A23L 23 /-	A47G 21 /-	2016412145	A61H 35 /-	
2017217191			2017292613		2015374240
2017250534	2017351483	2018427410	2019240484	2017235517	2016211694
2019257528	A23L 33 /-	A47J 19 /-	2020205226	A61J 9 /-	2016229976
			2020213276		2016285868
A01N 43 /-	A23L 5 /-	2016358628	2020244521	2016216629	2016293784
		A47J 31 /-	A61B 6 /-	A61K 31 /-	2016317378
2017250534	2016214420				2017283537
2018208422	2017300595	2016341389	2018336556		2017322277
2018241406	A23L 7 /-		A61C 13 /-	2016226279	2017345435
2018277041		A47J 37 /-		2016296205	2017372268
A01N 45 /-	2017281684	2016351942	2018214527	2016296709	2018208077
	2020203033		A61C 17 /-	2016333292	2018246553
2017269610	A23L 7 /-	2017247003		2016344136	2018257071
		A47L 11 /-	2020210139	2016349169	2018284707
2017250534	A23N 1 /-		A61C 8 /-	2016362390	2018359218
2018241406		2018371062		2016379425	2020200890
A01N 63 /-	2016358628	2019329706	2016356065	2017231832	2020203101
	A23P 10 /-		A61C 9 /-	2017231832	A61K 39 /-
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2017280353			A61F 13 /-	2017235278	2016205967
		2018371062		2017235606	2016206457
				2017262960	2016206682
				2017286868	2016214304
				2017292918	2016285868
				2017298142	2016317378
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				2017315682	
				2017321416	

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2018298150	<u>A61M 1 /-</u>	<u>A61P 17 /-</u>	2017332839	2020201080	
2018359218			2017356699		<u>B02C 17 /-</u>
2018392884	2017257852	2020203101	2017372268	<u>A63F 13 /-</u>	
2019226276	2017326230		2017376624		2016357325
2020200890		<u>A61P 19 /-</u>	2018235140	2019226256	
	<u>A61M 11 /-</u>	2017345435	2018359218	2019240703	<u>B02C 2 /-</u>
<u>A61K 45 /-</u>	2019244385	2020203101	2020200143	2019246923	2015409439
	2019339644		2020200420	2020200100	
2016317378		<u>A61P 21 /-</u>	2020200890	<u>A63F 9 /-</u>	<u>B05B 1 /-</u>
2017262960	<u>A61M 15 /-</u>	2016296205		2020202006	2016204053
2019279900			<u>A61P 37 /-</u>		2016273869
2020200420	2019222865	<u>A61P 25 /-</u>	2016317378	<u>B01D 1 /-</u>	
2020203101	2019244385		2016362390		<u>B05B 12 /-</u>
	2019339644	2016214420	2017235278	2017212405	2016204053
<u>A61K 47 /-</u>		2016379425	2020203101	2020288071	
	<u>A61M 16 /-</u>	2017286868		<u>B01D 19 /-</u>	<u>B05C 13 /-</u>
2016293784	2016364716	2017315682	<u>A61P 43 /-</u>	2020288071	2018397882
2016349169		2017321416	2016317378		
2017235278	<u>A61M 25 /-</u>	2020200420	2017345923	<u>B01D 3 /-</u>	<u>B05C 5 /-</u>
2017283537	2017207507	2020203101	2018257071		2018397882
2017356699	2019216704	2020226862	2020200420	2017212405	
2018298150		<u>A61P 27 /-</u>	2020203101		<u>B07B 1 /-</u>
2018375002	<u>A61M 3 /-</u>	2017315682		<u>B01D 35 /-</u>	2015200591
2021204697	2018448364	2018227005	<u>A61P 5 /-</u>	2018448364	
		2019283995	2017322277		<u>B21D 51 /-</u>
<u>A61K 48 /-</u>	<u>A61M 39 /-</u>	<u>A61P 29 /-</u>	<u>A61P 9 /-</u>	<u>B01D 53 /-</u>	2018334223
	2017346593	2016211694	2017262960	2017254121	
2015320694	2019216704	2017356699	2017345435	2017373373	<u>B21F 15 /-</u>
2017356699	2019251203	2018285131	2018298150	2019356719	2018368627
	2021229229	2018375002	2019326368	2020200424	
<u>A61K 49 /-</u>	<u>A61M 5 /-</u>	2019326368	2020200420		<u>B01D 61 /-</u>
	2016384692	2020200420		2018284707	<u>B23P 19 /-</u>
2017372268	2017292613	<u>A61P 3 /-</u>	2019270966		2017362324
2020200143	2020264409	2016214420	<u>A61Q 19 /-</u>	<u>B01D 63 /-</u>	<u>B25B 27 /-</u>
	2021229229	2016293784	2016293784	2018284707	2017248765
<u>A61K 51 /-</u>	<u>A61M 5 /-</u>	2017315682		<u>B01D 65 /-</u>	<u>B25C 1 /-</u>
	2016384692	2017323521	<u>A61Q 11 /-</u>	2018284707	2019200363
2017283537	2017292613	2017345435	2019270966		
	2020264409	2019285491	<u>A61Q 19 /-</u>	<u>B01D 63 /-</u>	<u>B25B 27 /-</u>
<u>A61K 8 /-</u>	2021229229	2019326368		2018284707	2017248765
		2020200420	<u>A61Q 19 /-</u>	<u>B01D 65 /-</u>	<u>B25C 1 /-</u>
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2017300595	2020201635		<u>A63B 21 /-</u>	2018284707	2019200363
2019270966		2017323521	2021240173		
	<u>A61M 5 /-</u>	2017345435	<u>A63B 37 /-</u>	<u>B01D 69 /-</u>	<u>B27J 15 /-</u>
<u>A61K 9 /-</u>	<u>A61N 2 /-</u>	2019285491		2018284707	2018333797
	2020203553	2019326368	2016310660		<u>B27B 17 /-</u>
2016285868	<u>A61N 7 /-</u>	2020200420	<u>A63B 53 /-</u>	<u>B01D 71 /-</u>	2020200319
2016296709	2020203553	2020203101		2018284707	
2016333292	<u>A61N 7 /-</u>	<u>A61P 31 /-</u>	<u>A63B 57 /-</u>		<u>B27B 33 /-</u>
2016349169		2016296709	2016310660	<u>B01J 10 /-</u>	2020200319
2016408394	<u>A61N 7 /-</u>	2017235278		2019403434	
2017235606	2020203553	2018284707	<u>A63B 59 /-</u>	<u>B01J 19 /-</u>	<u>B27K 3 /-</u>
2017295710		2018375789	2016310660		2020203984
2019246762	<u>A61P 1 /-</u>	2019249008		<u>B01J 41 /-</u>	<u>B27N 1 /-</u>
2019284060	2016229976	2019279900	<u>A63B 69 /-</u>	2017254121	2020203984
2020200143	2018285598	2020200143	2016310660		
2020204111	2020200143	2020203101		<u>B01J 8 /-</u>	<u>B27N 3 /-</u>
2020226862	2020203101	2021204697	<u>A63B 71 /-</u>	2019403434	2020203984
	<u>A61P 11 /-</u>	<u>A61P 33 /-</u>	2016310660		<u>B27N 9 /-</u>
<u>A61L 15 /-</u>	2017235606	2017235278		<u>B01L 7 /-</u>	
	2017262960	2018207345	<u>A63F 1 /-</u>	2018300000	
2019204327	2019326368				
	2020203101	<u>A61P 35 /-</u>			
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	<u>A61P 13 /-</u>	2016258628			
2016401897	2016214420	2016317378			
2017295710	2018285598	2016333292			
2020200197		2017323521			
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2017295710					

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2020256447	<u>B60B 25 /-</u>	<u>B63B 22 /-</u>	2016216629	<u>C01B 3 /-</u>	2017232377
<u>B29C 45 /-</u>	2018313812	2016368691	<u>B65D 83 /-</u>	2017373373	<u>C07C 213 /-</u>
2019255480	<u>B60B 35 /-</u>	<u>B63B 35 /-</u>	2019339644	2019403434	2017232377
<u>B29C 48 /-</u>	2018272784	2016368691	<u>B65D 85 /-</u>	<u>C01B 32 /-</u>	<u>C07C 219 /-</u>
2019257519	<u>B60C 23 /-</u>	2018368627	2017366723	2019403434	2017356699
<u>B29C 49 /-</u>	2018272784	2018413663	<u>B65D 88 /-</u>	<u>C01D 5 /-</u>	2020204111
2018397882	<u>B60C 29 /-</u>	<u>B63B 49 /-</u>	2018310374	2018349084	<u>C07C 229 /-</u>
<u>B29C 67 /-</u>	2018313812	2020200248	<u>B65D 90 /-</u>	<u>C01G 49 /-</u>	2017356699
2017249642	<u>B60G 21 /-</u>	<u>B63C 11 /-</u>	2019285867	2017273976	2020204111
<u>B29C 70 /-</u>	2017248349	2019285867	2018310374	<u>C01G 9 /-</u>	<u>C07C 233 /-</u>
2016200880	<u>B60G 9 /-</u>	<u>B63H 20 /-</u>	2019235640	2017273976	2017356699
2016247096	2017248349	2020200248	<u>B65G 21 /-</u>	<u>C02F 1 /-</u>	2017310535
2019317217	<u>B60L 50 /-</u>	<u>B64C 1 /-</u>	2019236704	2018448364	<u>C07C 243 /-</u>
<u>B29D 11 /-</u>	2018336821	2016247096	<u>B65G 65 /-</u>	<u>C02F 3 /-</u>	2017356699
2019214536	<u>B60L 7 /-</u>	<u>B64G 1 /-</u>	2016394648	2019397415	<u>C07C 279 /-</u>
<u>B32B 1 /-</u>	2020200540	2016358328	<u>B65H 16 /-</u>	<u>C03B 23 /-</u>	2017356699
2017342437	<u>B60N 2 /-</u>	<u>B65B 3 /-</u>	2016247096	2018352723	<u>C07C 309 /-</u>
<u>B32B 18 /-</u>	2019227819	2020203033	<u>B66B 7 /-</u>	<u>C03C 17 /-</u>	2018238041
2018411276	<u>B60P 3 /-</u>	<u>B65B 39 /-</u>	2019399566	2017307919	<u>C07C 333 /-</u>
<u>B32B 27 /-</u>	2019235640	2020203033	<u>B66C 1 /-</u>	<u>C03C 21 /-</u>	2017356699
2017241748	2019236600	<u>B65D 1 /-</u>	2015417849	2018352723	<u>C07C 403 /-</u>
2017342437	<u>B60W 30 /-</u>	2016216629	<u>B66C 13 /-</u>	<u>C04B 18 /-</u>	2017300595
2018361560	2018395066	<u>B65D 23 /-</u>	2015221479	2016409898	<u>C07C 59 /-</u>
2019317217	2021203405	2016216629	<u>B66C 9 /-</u>	<u>C04B 26 /-</u>	2017356699
2020256416	<u>B61B 13 /-</u>	<u>B65D 25 /-</u>	2017248349	2016409898	<u>C07C 69 /-</u>
<u>B32B 29 /-</u>	2020239368	2016216629	<u>B66D 1 /-</u>	<u>C04B 35 /-</u>	2017310535
2017342437	<u>B61D 5 /-</u>	<u>B65D 33 /-</u>	2020200839	2020256447	<u>C07D 205 /-</u>
<u>B32B 43 /-</u>	2019235640	2017241748	<u>B66F 11 /-</u>	<u>C05C 11 /-</u>	2017231832
2016200880	<u>B61K 9 /-</u>	<u>B65D 35 /-</u>	2017248349	2020200839	2017341769
<u>B32B 5 /-</u>	2017232220	2018310374	<u>B66F 9 /-</u>	2017265249	<u>C07D 207 /-</u>
2019317217	<u>B61L 23 /-</u>	<u>B65D 41 /-</u>	2017248349	<u>C05F 11 /-</u>	2018277041
<u>B32B 7 /-</u>	2017232220	2018334223	<u>B81B 1 /-</u>	2017265249	<u>C07D 213 /-</u>
2017342437	<u>B62D 33 /-</u>	<u>B65D 65 /-</u>	2018262130	<u>C05G 1 /-</u>	2018364938
2018322361	2019235640	2017250665	<u>B81C 1 /-</u>	2017265249	<u>C07D 231 /-</u>
<u>B33Y 70 /-</u>	<u>B62D 63 /-</u>	<u>B65D 71 /-</u>	2018262130	<u>C07C 13 /-</u>	2017315682
2017249642	2019236600	2017241748	<u>B82Y 30 /-</u>	2016229614	2018241406
<u>B41J 2 /-</u>	<u>B65D 75 /-</u>	2018262130	<u>C07C 209 /-</u>	<u>C07D 233 /-</u>	
2020210271					
<u>B41J 3 /-</u>					
2020210271					

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2017356699	<u>C07D 419 /-</u>	<u>C07K 14 /-</u>	<u>C08L 1 /-</u>	2019291889	2016209976
<u>C07D 239 /-</u>	2019326368	2016323780		<u>C12M 1 /-</u>	2016219480
2017231832	<u>C07D 471 /-</u>	2017315139	2020203610	2019259292	2016229614
<u>C07D 265 /-</u>		2017322277	<u>C08L 23 /-</u>	2019275650	2018300000
2017321416	2017262960	2018208077		<u>C12N 1 /-</u>	<u>C21D 8 /-</u>
<u>C07D 277 /-</u>	2017286868	2018215170	2018361560	2015259088	2019340624
	2017332839	2018246553	<u>C08L 71 /-</u>	2016320188	<u>C21D 9 /-</u>
2017326466	2017345923	2018257071	2016408394	2016347542	2019340624
2017376624	2018208422	2018392884	<u>C08L 95 /-</u>	2017280353	<u>C22B 3 /-</u>
<u>C07D 295 /-</u>	<u>C07D 487 /-</u>	<u>C07K 16 /-</u>		2017361420	2018349084
			2016409898	2019202572	
2017356699	2017332839	2016205967	<u>C09C 1 /-</u>	<u>C12N 15 /-</u>	<u>C22C 30 /-</u>
2020204111	2017345923	2016206457		2015259088	2019340624
<u>C07D 307 /-</u>	2018207345	2016214304	2017273976	2015320694	
	2018208422	2016246730	2019403434	2015344980	<u>C22C 37 /-</u>
2017298142	2019326368	2016258628	<u>C09C 3 /-</u>	2016225033	2019340624
<u>C07D 311 /-</u>	<u>C07D 491 /-</u>	2018359218		2016320188	
		<u>C07K 4 /-</u>	2017273976	2016323780	<u>C22C 38 /-</u>
2021202296	2017332839		<u>C09D 5 /-</u>	2017235278	2019340624
<u>C07D 333 /-</u>	<u>C07D 493 /-</u>	2016323780		2017280353	2019340624
		2018208077	2018212527	2017281684	
2018227005	2018222327	2019202888	<u>C09J 7 /-</u>	2018224065	<u>C23C 14 /-</u>
<u>C07D 401 /-</u>	2020200420	2020200890		2020203901	2017307919
	<u>C07D 495 /-</u>	<u>C07K 7 /-</u>	2018322361	2021202296	
2017323521	2017292918		<u>C09K 3 /-</u>	<u>C12N 5 /-</u>	<u>C23C 2 /-</u>
2017332839	<u>C07D 498 /-</u>	<u>C08B 1 /-</u>		2015317793	2019323956
2018208422			2018409584	2017349462	
2018277041	2017332839	2020203610	<u>C09K 5 /-</u>	2017362971	<u>C23C 26 /-</u>
<u>C07D 403 /-</u>	2017345923	<u>C08B 15 /-</u>		2018215170	2018411276
	2018285131		2018409584	2018224065	
2017231832	<u>C07D 499 /-</u>	2020203610	<u>C09K 8 /-</u>	2019202259	<u>C23C 28 /-</u>
2018277041		<u>C08F 210 /-</u>		<u>C12N 7 /-</u>	2018411276
<u>C07D 405 /-</u>	2019249008		2016429781	2018375789	
	<u>C07D 513 /-</u>	2017335817	2017335817	<u>C12N 9 /-</u>	<u>C25D 3 /-</u>
2017323521		<u>C08F 222 /-</u>	<u>C09K 9 /-</u>	2016229976	2020243292
2017341769	2019326368			2016320188	
2018241406	<u>C07D 515 /-</u>	2017335817	2017307919	2016323780	<u>C25D 5 /-</u>
2018277041		<u>C08G 63 /-</u>	<u>C10J 3 /-</u>	2017281684	2020243292
2019285491	2019326368	2017353995		2018337853	
<u>C07D 407 /-</u>	<u>C07D 519 /-</u>		2017373373	2019202572	<u>C30B 29 /-</u>
		<u>C08G 85 /-</u>	<u>C10K 1 /-</u>	2020203901	2018349084
2017332839	2017262960	2017353995		<u>C12P 13 /-</u>	
2018235140	<u>C07H 21 /-</u>	<u>C08J 3 /-</u>	2017373373	2020203901	<u>C30B 31 /-</u>
<u>C07D 409 /-</u>			<u>C10L 10 /-</u>	<u>C12P 19 /-</u>	2019403434
	2017235278	2016408394		2015259088	<u>D02G 3 /-</u>
2017332839	<u>C07J 1 /-</u>	<u>C08J 5 /-</u>	<u>C11D 1 /-</u>	2019291889	2018385308
2018277041				<u>C12P 21 /-</u>	
<u>C07D 413 /-</u>	2017260320	2017353995	2019291889	2017277761	<u>D03D 1 /-</u>
	<u>C07J 5 /-</u>	<u>C08K 3 /-</u>	<u>C11D 17 /-</u>	<u>C12P 7 /-</u>	2018385308
2017332839				2016320188	<u>D03D 13 /-</u>
2017341769	2017260320	2020203984	2016408394	2016347542	2018385308
2019285491	<u>C07J 51 /-</u>	<u>C08K 5 /-</u>	2017250665	2019291889	
<u>C07D 417 /-</u>			2019291889	<u>C11D 3 /-</u>	<u>E01B 2 /-</u>
	2017260320	2016409898		2018337853	2020239368
2017326466		2017353995	<u>C12Q 1 /-</u>		
2017332839		2020203984			
2017376624					
2018241406					
2019326368					

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<u>E01B 25 /-</u>	2017247003	<u>E21B 43 /-</u>	<u>F04D 15 /-</u>	2018200857	<u>G01L 3 /-</u>
2020239368	<u>E04F 15 /-</u>	2016395434	2017212149	2018412991	2016309001
<u>E01C 1 /-</u>	2017247003	2016398436	<u>F16D 48 /-</u>	<u>F25D 25 /-</u>	<u>G01M 3 /-</u>
2016409898	<u>E04G 1 /-</u>	2016401674	2019214697	2019257519	2015238903
<u>E01C 23 /-</u>	2015275334	2016429781	<u>F16G 1 /-</u>	<u>F25D 29 /-</u>	<u>G01N 1 /-</u>
2017222405	<u>E04G 21 /-</u>	2017362324	2018385308	2018295870	2017362971
<u>E01F 8 /-</u>	2018212527	2018317319	<u>F16G 11 /-</u>	2020200127	2017373587
2018212527	2019232888	2020205267	2018368627	<u>F25J 3 /-</u>	<u>G01N 15 /-</u>
<u>E02B 7 /-</u>	2019232888	<u>E21B 44 /-</u>	<u>F16K 3 /-</u>	2017373373	2018405991
2020200839	<u>E04H 15 /-</u>	2016401674	<u>F16K 31 /-</u>	<u>F28D 20 /-</u>	<u>G01N 21 /-</u>
<u>E02B 9 /-</u>	2020200274	<u>E21B 7 /-</u>	2016321616	2017347404	2019344670
2020200839	<u>E05C 17 /-</u>	2016423175	<u>F16K 31 /-</u>	2018409584	<u>G01N 27 /-</u>
<u>E02D 27 /-</u>	2016269510	2020201105	2020200839	<u>F28F 19 /-</u>	2016328384
2017272764	<u>E05F 11 /-</u>	2016394648	<u>F16L 1 /-</u>	2018411276	2017295125
<u>E02D 3 /-</u>	2016269510	<u>E21D 23 /-</u>	<u>F16L 11 /-</u>	<u>F41H 13 /-</u>	2017373587
2017272764	<u>E21B 1 /-</u>	2019390996	2019279941	2018405217	<u>G01N 33 /-</u>
<u>E02D 35 /-</u>	2019261746	<u>F01D 5 /-</u>	<u>F16L 15 /-</u>	2018410908	2016328384
2017272764	<u>E21B 17 /-</u>	2018402372	2019230247	<u>F41J 2 /-</u>	2016409898
<u>E02F 3 /-</u>	2016398436	<u>F02D 41 /-</u>	<u>F16L 3 /-</u>	2018353290	2017260320
2019280046	2019230247	2019246760	2019453609	<u>F41J 9 /-</u>	2017295125
2019318756	<u>E21B 19 /-</u>	<u>F02M 49 /-</u>	<u>F16L 55 /-</u>	2018353290	2017373587
2019385000	2017362324	2019246760	2019279941	<u>F42B 12 /-</u>	2018266321
<u>E02F 7 /-</u>	2020201105	<u>F02M 53 /-</u>	2020200839	2018353290	2020200890
2016394648	2020213298	2019246760	<u>F17D 5 /-</u>	2018353290	<u>G01N 35 /-</u>
<u>E02F 9 /-</u>	<u>E21B 21 /-</u>	<u>F02M 57 /-</u>	2015238903	<u>G01B 7 /-</u>	2018300000
2017248349	2016401674	2019246760	<u>F21V 5 /-</u>	2018353290	2019275650
2019318756	<u>E21B 23 /-</u>	2019246760	2016328757	<u>G01B 9 /-</u>	<u>G01R 31 /-</u>
2019385000	2016395434	<u>F02M 59 /-</u>	<u>F22B 37 /-</u>	2016326723	2019261984
<u>E03F 5 /-</u>	2016398436	2019246760	2018411276	<u>G01C 21 /-</u>	<u>G01S 15 /-</u>
2017212149	2016423175	<u>F02M 63 /-</u>	<u>F24H 1 /-</u>	2020202297	2020200248
<u>E03F 7 /-</u>	2020213298	2019246760	2017355627	<u>G01F 1 /-</u>	<u>G01S 17 /-</u>
2017212149	<u>E21B 3 /-</u>	<u>F02N 11 /-</u>	<u>F25D 13 /-</u>	2018404778	2021200905
<u>E04B 1 /-</u>	2016309001	2018326243	2019257519	<u>G01B 9 /-</u>	<u>G01S 7 /-</u>
2015275334	<u>E21B 33 /-</u>	2018336821	2018295870	2016326723	2021200905
2016204706	2016423175	<u>F02N 19 /-</u>	2019257519	<u>G01C 21 /-</u>	<u>G01V 9 /-</u>
2017247003	2016423794	2018326243	<u>F25D 17 /-</u>	2020202297	2018266321
2018212527	2020213298	2018326243	2018295870	<u>G01F 1 /-</u>	<u>G01W 1 /-</u>
2019290030	<u>E21B 34 /-</u>	<u>F03D 3 /-</u>	2019257519	2018404778	2016358328
<u>E04B 5 /-</u>	2020205267	2018413663	<u>F25D 21 /-</u>	2016314503	<u>G02B 21 /-</u>
2015275334	<u>E21B 41 /-</u>	<u>F04B 49 /-</u>	2018417350	<u>G01K 1 /-</u>	2016326723
<u>E04C 2 /-</u>	2017362324	2017212149	<u>F25D 23 /-</u>	2016375110	2016259427
					2016326723

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2017232507	2019213367	2019344670	<u>G10K 11/-</u>	2020203472	<u>H04L 27/-</u>
<u>G02B 5/-</u>	2019261524	2020200198			
	2020201825		2018212527	<u>H02K 7/-</u>	2017310778
2016328757	2020202021	<u>G06Q 40/-</u>			2018288822
2017307919	2020207818		<u>G10L 19/-</u>	2020203472	2020201409
2018262130	2020250158	2019271975			
	2021203637		2019240701	<u>H02M 3/-</u>	<u>H04L 29/-</u>
<u>G02B 6/-</u>	<u>G06F 21/-</u>	<u>G06T 1/-</u>			
			<u>G10L 21/-</u>	2020201589	2017222580
2019357516	2017302345	2018226401		2020239831	2020202724
	2018291152		2019240701		
<u>G02B 7/-</u>		<u>G06T 11/-</u>	<u>G10L 25/-</u>	<u>H02S 20/-</u>	<u>H04L 5/-</u>
	<u>G06F 3/-</u>				
2016326723		2018233733	2019240701	2017313281	2017221141
	2015415727	<u>G06T 15/-</u>			2017245148
<u>G02C 13/-</u>	2016412145		<u>G11C 11/-</u>	<u>H02S 50/-</u>	2017247138
	2016413892	2018226401			2019264697
2019262151	2018213046	2019246856	2019308479	2019261984	
	2018233733				<u>H04L 9/-</u>
<u>G02C 7/-</u>	2018414730	<u>G06T 17/-</u>	<u>H01H 19/-</u>	<u>H03F 3/-</u>	
	2018430595				2017222580
2019214536	2020203371	2018226401	2016351942	2020239831	2018291152
2019262151	2020203587	2020218866	<u>H01J 35/-</u>	<u>H03K 19/-</u>	2019278950
<u>G02F 1/-</u>	<u>G06F 30/-</u>	<u>G06T 19/-</u>	2018374514	2019308479	<u>H04M 1/-</u>
2016328757	2018226401	2016259427	<u>H01L 31/-</u>	<u>H04B 1/-</u>	2017309113
		2016364716			
<u>G03B 13/-</u>	<u>G06F 40/-</u>	2017232507		2017342826	<u>H04N 21/-</u>
		2018233733	2018262130	2018288822	2018285336
2016326723		2020218866			
	2018226398	<u>G06T 7/-</u>	<u>H01Q 1/-</u>	<u>H04B 10/-</u>	<u>H04N 5/-</u>
<u>G05D 1/-</u>	2019261524				
	2020207818	2017235715	2017309113	2020294343	2021200905
2017251682		2017350945	<u>H01Q 21/-</u>	<u>H04B 17/-</u>	
2017352853	<u>G06F 9/-</u>	2019280047			<u>H04N 7/-</u>
2021203405		2019344670	2017309113	2017316289	2019246856
	2017302345	2020200389			2020200429
<u>G05D 16/-</u>	2019217805	2020244521	<u>H01R 13/-</u>	<u>H04B 7/-</u>	
	2020203371				
2016204053	<u>G06K 19/-</u>	<u>G07B 15/-</u>	2018326243	2016358328	<u>H04R 1/-</u>
			2020260521	2017221141	2016415957
<u>G05D 7/-</u>	2018227071	2019276149	<u>H01R 24/-</u>	2017245148	
				2020201409	<u>H04R 5/-</u>
2017212149	<u>G06K 7/-</u>	<u>G07F 17/-</u>	2018326243	2020239831	2016415957
			2020260521		
<u>G05F 1/-</u>	2016417278	<u>G08B 21/-</u>	<u>H01S 3/-</u>	<u>H04H 20/-</u>	<u>H04W 24/-</u>
2019436653	<u>G06K 9/-</u>	<u>G08C 17/-</u>	2019232250	2018329368	2017221141
					2020294343
<u>G06E 1/-</u>	2017231090	2019240484	<u>H02J 13/-</u>	<u>H04H 60/-</u>	
	2017350945				
2016278958	2019344670	<u>G08G 1/-</u>	2020227075	2018329368	<u>H04W 36/-</u>
	2020202021				
<u>G06F 1/-</u>	<u>G06N 20/-</u>	2020200319	<u>H02J 3/-</u>	<u>H04J 14/-</u>	2019218298
2017302345		<u>G08G 5/-</u>	2017212149	2018220643	<u>H04W 4/-</u>
	2019280047		2018379834		
<u>G06F 11/-</u>	<u>G06N 99/-</u>	2017245388	<u>H02J 7/-</u>	<u>H04L 1/-</u>	2017308378
					2017342826
2017325928	2017443043	<u>G09B 21/-</u>	2017212149	2017221141	<u>H04W 40/-</u>
			2018336821	2018366961	
<u>G06F 12/-</u>	<u>G06Q 10/-</u>	2017251682	2020200248	2020201409	2020294343
			2020201589		
2017325928		<u>G09B 21/-</u>	<u>H02K 49/-</u>	<u>H04L 12/-</u>	<u>H04W 52/-</u>
	2019261524				
<u>G06F 15/-</u>	2019284155	2020202297	2020200540	2018220643	2017310778
	2020201825	<u>G09G 3/-</u>		2018223147	2019207134
2017302345	2020207818		<u>H02K 5/-</u>	2020294343	
		2017326249			
<u>G06F 16/-</u>	<u>G06Q 20/-</u>			<u>H04L 25/-</u>	<u>H04W 72/-</u>
2017268661	2017302345			2020201409	2017296991
2017274558	2019277162				
2018226398					

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2017391323
2018374160

H04W 8 /-

2020294343

H04W 88 /-

2017308378
2018223147

H05B 3 /-

2017355627

H05C 1 /-

2018405217
2018410908

Certified Innovation Patents

Name Index

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Moma Products Pty Ltd
 (11) AU-B-2021101908
 (21) 2021101908 (22) 14.04.2021
 (54) Portable Light Stand
 (51) Int. Cl.
 F21V 21/00 (2006.01)
 F21V 21/06 (2006.01)
 (45) 11.11.2021
 (62) 2019439320
 (72) Jarvis, Michael
 (74) Paterson IP

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-B-2021100471
 (21) 2021100471 (22) 25.01.2021
 (54) CONNECTORS FOR ELECTRICAL SYSTEM
 (51) Int. Cl.
 H01R 13/502 (2006.01)
 H01R 13/70 (2006.01)
 (45) 11.11.2021
 (62) 2016235020
 (72) Lifran, Xavier
 (74) Madderns Pty Ltd

(71) Rudder Technology Pty Ltd
 (11) AU-B-2021103899
 (21) 2021103899 (22) 06.07.2021
 (54) Radar-based electromagnetic wave fall detection system
 (51) Int. Cl.
 G08B 21/04 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/11 (2006.01)
 G01S 13/02 (2006.01)
 G01S 13/88 (2006.01)
 G08B 1/08 (2006.01)
 G08B 21/18 (2006.01)
 G01S 7/288 (2006.01)
 G06K 9/62 (2006.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 G06N 20/10 (2019.01)
 (45) 11.11.2021
 (72) Ning, Zhiyu; Li, Changyang
 (74) Patentec Patent Attorneys

(71) Seed Terminator Holdings Pty Ltd
 (11) AU-B-2021101122
 (21) 2021101122 (22) 02.03.2021
 (54) A MILL FOR DEVITALISING WEED SEEDS
 (51) Int. Cl.
 A01F 12/40 (2006.01)
 B02C 13/00 (2006.01)
 (45) 11.11.2021
 (62) 2017329248
 (72) BERRY, NICHOLAS KANE
 (74) Griffith Hack

(71) Sayfa R&D Pty Ltd
 (11) AU-B-2020104271
 (21) 2020104271 (22) 23.12.2020
 (54) A Davit Assembly
 (51) Int. Cl.
 B66C 23/20 (2006.01)
 A62B 1/00 (2006.01)
 A62B 1/06 (2006.01)
 A62B 35/00 (2006.01)
 B66C 23/04 (2006.01)
 B66C 23/26 (2006.01)
 B66C 23/70 (2006.01)
 B66C 23/88 (2006.01)
 B66C 23/90 (2006.01)
 B66D 3/00 (2006.01)
 B66D 3/26 (2006.01)
 E04G 3/32 (2006.01)
 E04G 3/34 (2006.01)
 E04G 5/00 (2006.01)
 E04G 21/32 (2006.01)
 E04G 23/00 (2006.01)
 (45) 11.11.2021
 (72) Voss, Murray; Voss, Barry
 (74) Actuate Patents

Numerical Index

2020104271	Sayfa R&D Pty Ltd
2021100471	Schneider Electric (Australia) Pty Limited
2021101122	Seed Terminator Holdings Pty Ltd
2021101908	Moma Products Pty Ltd
2021103899	Rudder Technology Pty Ltd

IPC Index

<u>A01F 12 /-</u>	<u>G08B 21 /-</u>
2021101122	2021103899
<u>A61B 5 /-</u>	<u>H01R 13 /-</u>
2021103899	2021100471
<u>A62B 1 /-</u>	
2020104271	
<u>A62B 35 /-</u>	
2020104271	
<u>B02C 13 /-</u>	
2021101122	
<u>B66C 23 /-</u>	
2020104271	
<u>B66D 3 /-</u>	
2020104271	
<u>E04G 21 /-</u>	
2020104271	
<u>E04G 23 /-</u>	
2020104271	
<u>E04G 3 /-</u>	
2020104271	
<u>E04G 5 /-</u>	
2020104271	
<u>F21V 21 /-</u>	
2021101908	
<u>G01S 13 /-</u>	
2021103899	
<u>G01S 7 /-</u>	
2021103899	
<u>G06K 9 /-</u>	
2021103899	
<u>G06N 20 /-</u>	
2021103899	
<u>G06N 3 /-</u>	
2021103899	
<u>G08B 1 /-</u>	
2021103899	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2015280721	Orica International Pte Ltd (Detnet South Africa (Pty) Limited)
2015280721	Orica International Pte Ltd (Dyno Nobel Asia Pacific Pty Limited)
2016256750	Dezinal Pty Ltd (Aluminium Specialties Group Pty Ltd)
2020203454	HPS Tech Pty Ltd (GEA Process Engineering A/S)
2021201840	FISHER & PAYKEL HEALTHCARE LIMITED (ResMed Pty Ltd)
2021201841	FISHER & PAYKEL HEALTHCARE LIMITED (ResMed Pty Ltd)
2021201842	FISHER & PAYKEL HEALTHCARE LIMITED (ResMed Pty Ltd)
2021201843	FISHER & PAYKEL HEALTHCARE LIMITED (ResMed Pty Ltd)

Opposition Withdrawn

2016293230	Maxsun (Dalian) Co., Ltd (Sitro Group Australia Pty Ltd)
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Patents Granted

Standard Patents

2014370182	2015200965	2015209079	2015226811
2015229452	2015230816	2015237234	2015250874
2015252895	2015255620	2015257483	2015275253
2015279862	2015301303	2015315005	2015329755
2015330937	2015332650	2015348640	2015351913
2015352421	2015371011	2015373129	2015381628
2015402240	2015408053	2015413366	2015415901
2016202450	2016203546	2016204326	2016212116
2016215150	2016221431	2016222642	2016222796
2016222804	2016227471	2016227715	2016231995
2016232009	2016234898	2016236842	2016238860
2016241589	2016244201	2016246669	2016247199
2016248847	2016253673	2016254208	2016256762
2016261837	2016263448	2016265315	2016268974
2016271942	2016273059	2016273415	2016273419
2016274949	2016277540	2016282215	2016285116
2016289590	2016291677	2016295162	2016299175
2016304794	2016307705	2016311414	2016313644
2016321166	2016328797	2016336764	2016338410
2016338676	2016338937	2016340161	2016344019
2016344188	2016344191	2016352568	2016358314
2016363555	2016363815	2016364749	2016367326
2016370600	2016375184	2016377396	2016382973
2016387829	2016401655	2016406347	2017202589
2017203451	2017208723	2017208998	2017218953
2017218998	2017221064	2017223265	2017227069
2017229204	2017232793	2017236796	2017240144
2017240609	2017243206	2017248718	2017249226
2017250489	2017250745	2017255099	2017259870
2017259897	2017260170	2017267808	2017268424
2017268645	2017269357	2017272170	2017274356
2017282089	2017287517	2017290931	2017292589
2017295819	2017296061	2017296383	2017298563
2017299361	2017300601	2017301101	2017314151

Patents Granted

Standard Patents

2017315572	2017324000	2017330563	2017331930
2017345380	2017360212	2017361784	2017364265
2017365632	2017376398	2017378816	2017422458
2017423395	2017423445	2017423732	2017426939
2017428887	2017442329	2017442682	2018201140
2018220903	2018250242	2018253007	2018258970
2018260360	2018268420	2018276326	2018279892
2018280118	2018280338	2018282252	2018285312
2018286622	2018286623	2018288060	2018289070
2018293337	2018294499	2018295116	2018295855
2018298209	2018301347	2018303111	2018307917
2018313670	2018316400	2018316803	2018318110
2018318219	2018320086	2018320785	2018333383
2018350865	2018358487	2018359395	2018361284
2018367388	2018370704	2018374116	2018384805
2018385444	2018387349	2018388450	2018392862
2018395337	2018396277	2018396328	2018404905
2018406386	2018406922	2018415283	2018424953
2019200605	2019202026	2019203130	2019203395
2019203403	2019203413	2019203597	2019203677
2019203852	2019204167	2019204578	2019204677
2019204733	2019204890	2019204985	2019206021
2019206066	2019209098	2019213349	2019214659
2019216581	2019216605	2019223671	2019229348
2019229849	2019236614	2019236696	2019239320
2019240614	2019246756	2019250339	2019253794
2019253858	2019253902	2019259260	2019261823
2019268073	2019268098	2019268142	2019271798
2019272032	2019279971	2019281406	2019283828
2019284057	2019284132	2019289070	2019291923
2019295482	2019306733	2019320955	2019330345
2019333944	2019347922	2019354770	2019368297
2019377822	2019386145	2020200222	2020200517
2020200714	2020200871	2020200906	2020200951
2020201161	2020201249	2020201334	2020201692
2020201721	2020202139	2020202267	2020202500
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2020204042	2020204174	2020204445	2020205281
2020213399	2020217308	2020217399	2020227010
2020239670	2020256357	2020285468	2020297515
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Innovation Patents

2021102642	2021102955	2021102968	2021102973
2021103170	2021103289	2021104437	2021104458
2021104459	2021104672	2021104723	2021104725
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Patents Granted

Innovation Patents

2021106543	2021106546	2021106547	2021106549
2021106550	2021106551	2021106553	2021106554
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2021106740	2021106741	2021106742	2021106743
2021106744	2021106745	2021106746	

Revocation

It is hereby notified that the offer by the Patentee **Bair, R.; Buzick, B.** to surrender Patent 2020104128 which was advertised in the Official Journal of 16.09.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **The Scripps Research Institute** to surrender Patent 2013312801 which was advertised in the Official Journal of 23.09.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2003233674 Trinity Industries, Inc. The patent has been assigned to **Trinity Highway Products, LLC**

2005264379 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2005314793 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2006202709 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2006204459 F-Star Biotechnologische Forschungs- und Entwicklungsges.m.b.h. The patent has been assigned to **F-star Therapeutics Limited**

2006311286 Shire International Licensing B.V The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2006326213 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2007284933 Silhouette Lift S.L. The patent has been assigned to **Sinclair Pharmaceuticals Limited**

2007307051 AAF-McQuay Inc. The patent has been assigned to **Daikin Industries, Ltd.**

2008200477 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2008227056 LIN, Ching-Tai The patent has been assigned to **LIN, Ching-Tai; Huang, Chong-Jen**

Assignments Registered

2008228412 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2009223279 AAF-McQuay Inc. The patent has been assigned to **Daikin Industries, Ltd.**

2009269684 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2009275217 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2009313325 University of Connecticut; Baxalta Incorporated; Baxalta GmbH The patent has been assigned to **University of Connecticut; Takeda Pharmaceutical Company Limited**

2009336606 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2010243862 Akzo Nobel Chemicals International B.V. The patent has been assigned to **Salins du Midi Participations S.A.S.**

2010246464 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2010246749 TIANJIN HEMAY BIO-TECH CO., LTD.; Tianjin Michele Sci-Tech Development Co., Ltd The patent has been assigned to **Ganzhou Hemay Pharmaceutical Co., Ltd**

2011223657 Lumenis Ltd. The patent has been assigned to **Lumenis Be Ltd.**

2011226745 Siemens Mobility Pty Ltd The patent has been assigned to **ROBEL Holding GmbH**

2011226938 MAN Truck & Bus Osterreich AG The patent has been assigned to **MAN Truck & Bus SE**

2011376737 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2012249621 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2012253411 International Business Machines Corporation The patent has been assigned to **Kyndryl, Inc.**

2013239664 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2013286827 Cervino, Carl The patent has been assigned to **Illuminated Box Solution Pty Ltd**

2013293560 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2014274626 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC.**

2014296626 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2014300493 Antony, Benny The patent has been assigned to **Arjuna Natural Private Limited**

2014353260 Apstec Systems USA LLC; Averyanov, Valery; Gorshkov, Igor; Kuznetsov, Andrey The patent has been assigned to **APSTEC SYSTEMS LTD**

Assignments Registered

2015234347 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2015249376 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2015249390 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2015269197 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2015282847 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2015292590 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2015301634 Stryker European Holdings I, LLC. The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2015325104 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2015360845 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2015369831 Systimmune, Inc.; Sichuan Baili Pharmaceutical Co. Ltd. The patent has been assigned to **Systimmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2016200195 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2016203218 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2016204870 Eaton Intelligent Power Limited The patent has been assigned to **DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S**

2016250271 Teleflex Medical Incorporated The patent has been assigned to **Medline Industries, LP**

2016250570 Enlivex Therapeutics Ltd The patent has been assigned to **Enlivex Therapeutics RDO Ltd**

2016280071 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2016289735 Nouryon Chemicals International B.V. The patent has been assigned to **Salins du Midi Participations S.A.S.**

2016341452 Antony, Benny The patent has been assigned to **Arjuna Natural Private Limited**

2017100342 Burnz, Dominic Jay The patent has been assigned to **SSJH Pty Ltd**

2017200247 Institute of Process Engineering, Chinese Academy of Sciences The patent has been assigned to **Hebei Zhongke Tongchuang Vanadium & Titanium Technology Co., Ltd**

2017200815 Russo, William The patent has been assigned to **Russo Trading Company, Inc.**

Assignments Registered

2017245342 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2017290237 Grail, Inc. The patent has been assigned to **Grail, LLC.**

2017340314 Sichuan Baili Pharm Co., Ltd. The patent has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2018203687 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2018232971 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2018260852 ANTONY, Benny The patent has been assigned to **Arjuna Natural Private Limited**

2018274888 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2019100785 BUGROFF TERMITE MONITORING SYSTEMS PTY LTD The patent has been assigned to **Flick Anticimex Pty Ltd**

2019101477 Beijing National Innovation Institute of Lightweight Ltd. The patent has been assigned to **China Machinery Institute of New Materials (Zhengzhou) Co., Ltd.**

2019101478 Beijing National Innovation Institute of Lightweight Ltd. The patent has been assigned to **China Machinery Institute of New Materials (Zhengzhou) Co., Ltd.**

2019203955 Bluebird Bio, Inc. The patent has been assigned to **2seventy bio, Inc.**

2019240683 STRYKER EUROPEAN HOLDINGS I, LLC The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2020100193 K & L Ea Pty Ltd The patent has been assigned to **ARROWES IP HOLDINGS PTY LTD**

2020100318 K & L Ea Pty Ltd The patent has been assigned to **ARROWES IP HOLDINGS PTY LTD**

2020100797 Kent, Raine The patent has been assigned to **Fast-board Pty Ltd**

2020201462 ANTONY, Benny The patent has been assigned to **Arjuna Natural Private Limited**

2021100070 Dongguan Good-Tech Design Consulting Co., Ltd. The patent has been assigned to **Dongguan Kepu Electronic Information Technology Co., Ltd.**

2021100071 Dongguan Good-Tech Design Consulting Co., Ltd. The patent has been assigned to **Dongguan Kepu Electronic Information Technology Co., Ltd.**

2021100072 Dongguan Good-Tech Design Consulting Co., Ltd. The patent has been assigned to **Dongguan Kepu Electronic Information Technology Co., Ltd.**

2021100446 Bushfireio Pty Ltd The patent has been assigned to **Canary Co Holdings Pty Ltd**

2021100908 AUSICO PTY LTD The patent has been assigned to **SMART TEXTILE PTY LTD**

2021101695 Whyte, Lynette The patent has been assigned to **DIA-GNOSIS INDICATORS PTY LTD**

Mortgages Registered - Section 187, Reg. 19

(The name in the parentheses is that of the mortgagee)

2014203772	Sirtex Medical Limited (China CITIC Bank International Limited)
2015208666	Sirtex Medical Limited (China CITIC Bank International Limited)
2015255622	Sirtex Medical Limited (China CITIC Bank International Limited)
2015327748	Sirtex Medical Limited (China CITIC Bank International Limited)
2017100081	Sirtex Medical Limited (China CITIC Bank International Limited)

Discharge of a Mortgage

2004206770	Discharge of a Mortgage was made in the Register on 27.10.2021 .
2014203772	Discharge of a Mortgage was made in the Register on 27.10.2021 .
2015208666	Discharge of a Mortgage was made in the Register on 27.10.2021 .
2015255622	Discharge of a Mortgage was made in the Register on 27.10.2021 .
2015327748	Discharge of a Mortgage was made in the Register on 27.10.2021 .
2017100081	Discharge of a Mortgage was made in the Register on 27.10.2021 .

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2005318292 **Galderma Research & Development**

The earliest first regulatory approval date provided by the patentee 18 Jan 2021

For the goods AKLIEF trifarotene

Applications Accepted

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2005227421 **Pharma Mar, S.A.**

The earliest first regulatory approval date provided by the patentee 22 Apr 2021

For the goods YONDELIS trabectedin

Address for service : WRAYS PTY LTD Level 7 863 Hay Street Perth WA 6000 AU

Extensions granted

The following application(s) for Extension of Term have been granted under Section 76.

2015261046 **PTC Therapeutics Inc.; F. Hoffmann-La Roche AG**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods EVRYSDI risdiplam

Extension of Term of patent pursuant to Section 77 expires on 02 Jun 2036

Corrigenda

In Vol 35 , No 1 , Page(s) 120 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Taiyo Kagaku Co., Ltd., Application No. 2018425646, under INID (72) correct the co-inventor to OZEKI, Makoto

In Vol 35 , No 32 , Page(s) 6465 under the heading **Amendments - Application for Amendments** Under the name Siemens Aktiengesellschaft, Patent Application No. 2018300549 correct the statements filed to read 10 Jun 2021 and 26 Jul 2021

In Vol 35 , No 36 , Page(s) 7143 under the heading **Provisional Applications Filed - Name Index** Under the name Wootten, D., Application No. 2021902686, under INID (71) correct the applicant name to Wootten, D. J.

In Vol 35 , No 37 , Page(s) 7375 under the heading **Innovation Patents Filed - Name Index** Under the name Wootten, D., Application No. 2021106922, under INID (71) correct the applicant name to Wootten, D. J.

In Vol 35 , No 40 , Page(s) 7923 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name WinSanTor Inc., Application No. 2020245520, under INID (71) correct the applicant name to WinSanTor, Inc.

In Vol 35 , No 41 , Page(s) 8119 under the heading **Applications Accepted - Name Index** Under the name Taiyo Kagaku Co., Ltd., Application No. 2018425646, under INID (72) correct the co-inventor to OZEKI, Makoto

In Vol 35 , No 43 , Page(s) 8419 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Microbiotix, Inc.; The UAB Research Foundation, Application No. 2020236933, under INID (72) correct the co-inventor to PRICHARD, Mark N.

In Vol 35 , No 43 , Page(s) 8452 under the heading **Applications Accepted - Name Index** Under the name ALS Therapy Development Institute, Application No. 2016215505, under INID (56) insert WO 2013056068 A1

In Vol 35 , No 44 , Page(s) 8540 under the heading **Amendments - Application for Amendments** Under the name Novartis AG, Patent No. 2009264565 correct the statements filed to read 07 Jul 2021 and 21 Jul 2021

In Vol 35 , No 44 , Page(s) 8540 under the heading **Amendments - Application for Amendments** Under the name Arvinas Operations, Inc., Patent No. 2015247817 correct the statements to read 14 Oct 2021 and 21 Oct 2021

Corrigenda

In Vol 35 , No 44 , Page(s) 8540 under the heading **Amendments - Application for Amendments** Under the name Huygens AS, Patent Application No. 2015302416 correct the statements filed to read 18 Aug 2021 and 17 Sep 2021

In Vol 35 , No 44 , Page(s) 8667 under the heading **Applications Accepted - Name Index** Under the name Gojo Industries, Inc., Application No. 2017240064, under INID (72) add co-inventor Gantz, Sarah

Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2016377659	Tasso, Inc.
2017295818	Covestro LLC, et al.; Bayer CropScience LP; Covestro Deutschland AG
2017303974	FUNDACIÓ PRIVADA INSTITUT DE RECERCA DE LA SIDA – CAIXA
2018326701	Greeneden U.S. Holdings II, LLC
2018335854	Novadip Biosciences
2018335854	Novadip Biosciences
2019201257	Southwire Company, LLC
2019227102	JFE Steel Corporation
2020202135	View, Inc.