



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

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.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Mine Site Technologies Pty Ltd v R F Industries Pty Limited [2021] APO 21

Patent Application/Patent:	2017331808 and 2018101203
Title:	Telecommunication System and Method, and Components Therefor
Patent Applicant/Patentee:	R F Industries Pty Limited
Requestor:	Mine Site Technologies Pty Ltd
Delegate:	M. G. Kraefft
Decision Date:	2 June 2021
Hearing Date:	24 February 2021.
Catchwords:	PATENTS – sections 36 and 191A – entitlement – requestor found to be sole person entitled – declaration made under section 36 – directions made under section 191A to rectify Register of Patents.
Representation:	Patent attorneys for the applicant: Mr Paul Dewar and Mr Nik Ramchand, Davies Collison Cave. Counsel for the requestor: Mr Craig Smith. Patent attorneys for the requestor: Ms Sarah Matheson, Allens Patent & Trade Mark Attorneys.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Michael Sinnott v Aunex Pty Ltd [2021] APO 23

Patent:	2018203404
Title:	Apparatus for detaching surgical blades
Patentee:	Aunex Pty Ltd
Requestor:	Michael Sinnott
Delegate:	Felix White
Decision Date:	8 June 2021
Hearing Date:	Written submissions filed on 11 March 2021
Catchwords:	PATENTS – Request for rectification of Register under s191A – inventive concept – conception – request dismissed – costs awarded.
Representation:	Patent attorney for the Patentee: Kings Patent & Trade Marks Attorneys Patent attorney for the Requestor: Spruson & Ferguson

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 1 Jun 2021 .

(71) Abyss Solutions Pty Ltd (21) 2021901624 (22) 31.05.2021 (54) Method and System for Surface Deformation Detection	(71) Brooks, D. (21) 2021901669 (22) 04.06.2021 (54) SHOES AND METHODS OF MAKING SOLES	(71) CENTERED AROUND YOU PTY LTD (21) 2021901650 (22) 03.06.2021 (54) Printed Sensor Mat
(71) Abyss Solutions Pty Ltd (21) 2021901625 (22) 31.05.2021 (54) Method and System for Detecting Coating Degradation	(71) Buildingestimates.Com Limited (21) 2021901634 (22) 01.06.2021 (54) AI METHODS FOR ACCURATE AND FAST ESTIMATION AND MODELLING FROM TWO-DIMENSIONAL CONSTRUCTION PLANS	(71) Centre for Eye Research Australia Ltd. (21) 2021901673 (22) 04.06.2021 (54) Macular telangiectasia type 2 treatment
(71) ADAPTAS SOLUTIONS PTY LTD (21) 2021901618 (22) 31.05.2021 (54) ELECTRON MULTIPLIER HAVING IMPROVED VOLTAGE STABILISATION	(71) Buzzworks Pty Ltd (21) 2021901628 (22) 31.05.2021 (54) Lightweight Adaptable Mounting Panel System	(71) Chigombe, S. (21) 2021901645 (22) 02.06.2021 (54) An Adaptive Display System For Ride-share Services
(71) APLIN, P. (21) 2021901657 (22) 03.06.2021 (54) A CABLE HANDLING DEVICE	(71) Buzzworks Pty Ltd (21) 2021901629 (22) 31.05.2021 (54) Ballistic Role Integrated Modular Helmet System	(71) CHIRONIX PTY LTD (21) 2021901658 (22) 03.06.2021 (54) A Communication System
(71) Aucone, A. (21) 2021901680 (22) 04.06.2021 (54) Vein Finder	(71) Buzzworks Pty Ltd (21) 2021901630 (22) 31.05.2021 (54) Military Utility Diary Cover	(71) COMPOSITE TECHNOLOGY R & D PTY LIMITED (21) 2021901627 (22) 31.05.2021 (54) Additively Manufactured Metal Casings
(71) Australian Sports Commission; Triathlon Australia Ltd (21) 2021901676 (22) 04.06.2021 (54) BICYCLE PLATFORM	(71) Buzzworks Pty Ltd (21) 2021901633 (22) 01.06.2021 (54) Three-Dimensional Visualised Soldier Systems Integration Platform	(71) COVIRIX Medical Pty Ltd (21) 2021901646 (22) 02.06.2021 (54) COMPOUNDS, COMPOSITIONS AND USES THEREOF
(71) BHP Billiton Limited (21) 2021901678 (22) 04.06.2021 (54) A Geophysical Data Acquisition Device		(71) CRONIN, C. (21) 2021901656 (22) 03.06.2021 (54) AIR-CONDITIONING SYSTEM
(71) Bieri, P. (21) 2021901641 (22) 02.06.2021 (54) An informational display personalised content feed system	Campbell, C.L. see Fonterra Co-operative Group Limited (21) 2021901612	Davies, M. see Tobler, K. (21) 2021901614
(71) BROOKE & MACKENZIE PTY LTD (21) 2021901632 (22) 01.06.2021 (54) A GNSS (GPS) Device	(71) Caroma Industries Limited (21) 2021901622 (22) 31.05.2021 (54) Adjustable fluidic coupling	(71) Delta Laboratories Pty Limited (21) 2021901631 (22) 01.06.2021 (54) Carrier for Holding an Item during Manufacturing

Provisional Applications Filed - Name Index cont'd

(71) Digital Keys Pty Ltd
 (21) 2021901688 (22) 07.06.2021
 (54) A SMART LOCK DEVICE SYSTEM
 BASED ON LOW POWER WIDE AREA
 NETWORKS

(71) DRONE ENGINEERING AUSTRALIA
 PTY LTD
 (21) 2021901617 (22) 30.05.2021
 (54) Battery Safe Storage Solution

(71) Drysdale, K.
 (21) 2021901660 (22) 04.06.2021
 (54) Emission Free Micro Power Station

(71) Ebokolo-Jecop, A.M.
 (21) 2021901613 (22) 29.05.2021
 (54) Skin lotion

(71) Emyria
 (21) 2021901672 (22) 04.06.2021
 (54) Use of Cannabidiol for the Treatment of
 Irritable Bowel Syndrome-Related Psy-
 chological Distress

(71) Emyria
 (21) 2021901674 (22) 04.06.2021
 (54) Use of Cannabinoid Combination for
 the Treatment of Irritable Bowel Syn-
 drome-Related Psychological Distress

(71) Fitbeat Australia Pty Ltd
 (21) 2021901679 (22) 04.06.2021
 (54) EXERCISE BAND

(71) Fonterra Co-operative Group Limited;
 Campbell, C.L.; Rutherford, L.M.; Mat-
 gorzata Smialowska, A.
 (21) 2021901612 (22) 28.05.2021
 (54) DAIRY PRODUCT AND PROCESS

(71) Frumar, J.A.
 (21) 2021901608 (22) 28.05.2021
 (54) Modular framing system

Gauldie, S. see Gauldie, M.
 (21) 2021901619

(71) Gauldie, M.; Gauldie, S.
 (21) 2021901619 (22) 31.05.2021
 (54) Spray Assembly

(71) Generators Australia Pty Ltd
 (21) 2021901606 (22) 28.05.2021
 (54) AN ADJUSTABLE PHOTOVOLTAIC
 UNIT

(71) GenesisCare Ventures Pty Ltd
 (21) 2021901664 (22) 04.06.2021
 (54) Method, system and software product
 for processing skin field images

(71) Geng Pty Ltd
 (21) 2021901615 (22) 30.05.2021
 (54) Removeable Feet for Plastic Target
 Frames

(71) Hardy Avenue Investments Pty Ltd
 (21) 2021901668 (22) 04.06.2021
 (54) Method of Personality Compatibility As-
 sessment

(71) Herson, J.M.
 (21) 2021901635 (22) 01.06.2021
 (54) A Wheelie Bin Cover

**Hunter New England Local Health District
 see University of Newcastle**
 (21) 2021901667

(71) IP Incubator Pty Ltd
 (21) 2021901640 (22) 01.06.2021
 (54) FOOTWEAR AND FOOTWEAR AC-
 CESSORIES CONFIGURED TO
 PROVIDE INSTRUCTIONAL SIGNALS
 INDICATING CORRECT USAGE

(71) JB Surgical Pty Ltd
 (21) 2021901689 (22) 07.06.2021
 (54) Apparatus

(71) KALNIN, L.
 (21) 2021901665 (22) 04.06.2021
 (54) Sleeping Aid

(71) KALNIN, L.
 (21) 2021901666 (22) 04.06.2021
 (54) Nasal/Oral Gas Cannula

(71) Kerr, N.; Mobile Business Devices
 (21) 2021901681 (22) 05.06.2021
 (54) A WEB APPLICATION THAT VERIFYS
 A USER IDENTITY USING SEVER-
 AL SOURCES TO SATISFY ANY IN-
 DUSTRY THAT MUST ADHEAR TO
 AML/CTF/KYC BEFORE PROVIDING
 A PRODUCT OR SERVICE. E.G. AP-
 PLYING FOR CREDIT.

(71) larkin, b.
 (21) 2021901675 (22) 04.06.2021
 (54) Device for protecting liquid in drink cans

(71) LEMOS, F.
 (21) 2021901682 (22) 05.06.2021
 (54) PoPLLevelPoP

Lobel, B. see Lobel, M.
 (21) 2021901687

(71) Lobel, M.; Lobel, B.
 (21) 2021901687 (22) 07.06.2021
 (54) SYSTEM AND METHOD FOR FACIL-
 ITATING MEETINGS BETWEEN PER-
 SONS UNKNOWN TO EACH OTHER

Mascull, R. see Mascull, E.
 (21) 2021901621

(71) Mascull, E.; Mascull, R.
 (21) 2021901621 (22) 31.05.2021
 (54) Locking mechanism

**Matgorzata Smialowska, A. see Fonterra
 Co-operative Group Limited**
 (21) 2021901612

Mobile Business Devices see Kerr, N.
 (21) 2021901681

(71) MOODY, P.
 (21) 2021901651 (22) 03.06.2021
 (54) A Transmit Bridge Circuit and Associ-
 ated Method for Metal Detectors

(71) Mooy, B.
 (21) 2021901654 (22) 03.06.2021
 (54) Railway track rail insulator and visual
 track marker

(71) pavlov, g.
 (21) 2021901686 (22) 07.06.2021
 (54) Complete Casters

(71) Petrovic, S.
 (21) 2021901659 (22) 04.06.2021
 (54) Points & rewards incentive based sys-
 tem using QR check in technology

(71) Phoenix Industries Pty Ltd
 (21) 2021901642 (22) 02.06.2021
 (54) Spray head

(71) Plastic Solutions Australia Pty Ltd
 (21) 2021901637 (22) 01.06.2021
 (54) Coupling Device for Concrete Elements

(71) PONGRASS, R.G.
 (21) 2021901609 (22) 28.05.2021
 (54) Lock stitch, and method and system to
 form a lock stitch

Provisional Applications Filed - Name Index cont'd

(71) ResMed Pty Ltd
(21) 2021901671 (22) 04.06.2021
(54) Structures for Head Mounted Displays

(71) RESMED PTY LTD
(21) 2021901623 (22) 31.05.2021
(54) Vent with Parallel Slots

(71) RNC PTY LIMITED
(21) 2021901685 (22) 07.06.2021
(54) Bed Maker

Rutherford, L.M. see Fonterra Co-operative Group Limited
(21) 2021901612

(71) Saban Ventures Pty Limited
(21) 2021901655 (22) 03.06.2021
(54) Medical device port connectors

(71) Schuyt, J.; Williams, G.
(21) 2021901652 (22) 03.06.2021
(54) Radiation Dosimeter

Shanghai Jiao Tong University see THE UNIVERSITY OF ADELAIDE
(21) 2021901643

(71) Spencer, E.
(21) 2021901684 (22) 06.06.2021
(54) Vertical Shaft Wind Turbine

(71) Straway Pty Ltd
(21) 2021901616 (22) 30.05.2021
(54) The Application of synthetic biology to create plant based, home compostable, products and packaging.

(71) Straway Pty Ltd
(21) 2021901647 (22) 02.06.2021
(54) To grow, create or make materials or matter by the application of natural plant and fungi polymers, combined with or without other plant and fungi based materials, for the purpose of, but not limited to, production of biodegradable and/or home compostable products and packaging.

(71) Straway Pty Ltd
(21) 2021901683 (22) 06.06.2021
(54) Growing products and packaging from fungi. Production method for growing, creating or making materials or matter from fungi, combined with or without other plant based materials as a substrate, and with or without scaffolding, for the purpose of, but not limited to, production of biodegradable and/or home compostable products and packaging.

(71) Talon Engineering SDN. BHD.
(21) 2021901661 (22) 04.06.2021
(54) Attachment of wear member

(71) Talon Engineering SDN. BHD.
(21) 2021901662 (22) 04.06.2021
(54) Attachment of a lip shroud

(71) THE UNIVERSITY OF ADELAIDE;
Shanghai Jiao Tong University
(21) 2021901643 (22) 02.06.2021
(54) METHODS FOR IMPROVING PLANT YIELD

(71) The University of Melbourne
(21) 2021901648 (22) 02.06.2021
(54) Metamaterial Force Sensor

(71) The University of Queensland
(21) 2021901653 (22) 03.06.2021
(54) CHIMERIC VIRUSES, CHIMERIC VIRAL PROTEINS, AND METHODS

(71) THINKING ERGONOMIX PTY LIMITED
(21) 2021901610 (22) 28.05.2021
(54) Workplace Privacy Screen and Kit for the Same

(71) Tobler, K.; Davies, M.
(21) 2021901614 (22) 29.05.2021
(54) HULL PROTECTOR

Triathlon Australia Ltd see Australian Sports Commission
(21) 2021901676

(71) Tuohey, A.
(21) 2021901677 (22) 04.06.2021
(54) A DATA CENTRE SYSTEM AND METHOD OF CONSTRUCTION

(71) University of Newcastle; Hunter New England Local Health District
(21) 2021901667 (22) 04.06.2021
(54) Methods for predicting therapy responsiveness

(71) University of Technology, Sydney
(21) 2021901663 (22) 04.06.2021
(54) Non-Clifford Quantum Gates

(71) Uniwin Smart Pty Ltd
(21) 2021901639 (22) 01.06.2021
(54) Method and system for sight target alignment

(71) VitalTrace Pty Ltd
(21) 2021901626 (22) 31.05.2021
(54) Foetal Monitoring System

(71) VIVAZOME THERAPEUTICS PTY LTD
(21) 2021901607 (22) 28.05.2021
(54) Extracellular vesicles

(71) VIVAZOME THERAPEUTICS PTY LTD
(21) 2021901620 (22) 31.05.2021
(54) Extracellular vesicles

(71) Western Sydney Local Health District
(21) 2021901644 (22) 02.06.2021
(54) Reagents and methods for diagnosing Shigella species

Williams, G. see Schuyt, J.
(21) 2021901652

(71) XEFCO PTY LTD
(21) 2021901649 (22) 02.06.2021
(54) Vapor Deposition Product and Method Therefor

(71) Xero Limited
(21) 2021901611 (22) 28.05.2021
(54) Methods and systems for web-based data presentation

(71) Yang, Q.
(21) 2021901670 (22) 04.06.2021
(54) A device for respiratory support

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2021901606	Generators Australia Pty Ltd	2021901673	Centre for Eye Research Australia Ltd.
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2021901611	Xero Limited	2021901678	BHP Billiton Limited
2021901612	Fonterra Co-operative Group Limited; Campbell, C.L.; Rutherford, L.M.; Matgorzata Smialowska, A.	2021901679	Fitbeat Australia Pty Ltd
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2021901667	University of Newcastle; Hunter New England Local Health District		
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2021901669	Brooks, D.		
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2021901671	ResMed Pty Ltd		
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Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 1 Jun 2021 .

. (*) Title not in Roman characters

. (**) Title not given

	(21) 2021203343	
(71) ABB Schweiz AG (21) 2021203362 (22) 24.05.2021 (54) MODULAR FLOOR BOX ASSEMBLY (31) 63/029,824 (32) 26.05.20 (33) US 17/320,440 14.05.21 US	Anderson, M. see Frantz Design Incorporated (21) 2021203381	(71) Berkeley Lights, Inc. (21) 2021203363 (22) 24.05.2021 (54) Culturing station for microfluidic device (62) 2016250580
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(71) AC Immune SA (21) 2021203340 (22) 24.05.2021 (54) 1, 3, 4, 5-Tetrahydro-2H-Pyrido[4,3-B]indole Derivatives For The Treatment, Alleviation Or Prevention Of Disorders Associated With Tau Aggregates Like Alzheimer's Disease (62) 2019205087	(71) Apple Inc. (21) 2021203301 (22) 21.05.2021 (54) Breathing sequence user interface (62) 2020203453	(71) Boston Scientific Scimed, Inc. (21) 2021203393 (22) 25.05.2021 (54) Systems and methods for treating the bladder with condensable vapor (62) 2016260529
(71) AC Industries Pty Ltd (21) 2021203333 (22) 24.05.2021 (54) Duct segment (31) 2020901822 (32) 03.06.20 (33) AU	(71) Apple Inc. (21) 2021203367 (22) 25.05.2021 (54) Sharing and using passes or accounts (31) 63/032,504 (32) 29.05.20 (33) US 63/041,996 21.06.20 US 17/030,256 23.09.20 US 17/030,257 23.09.20 US 17/030,259 23.09.20 US 17/030,260 23.09.20 US	(71) Built Robotics Inc. (21) 2021203364 (22) 24.05.2021 (54) 2018210524Excavating earth from a dig site using an excavation vehicle (62) 2018210524
(71) Acorda Therapeutics, Inc. (21) 2021203369 (22) 25.05.2021 (54) METHOD FOR ACHIEVING DESIRED GLIAL GROWTH FACTOR 2 PLASMA LEVELS (62) 2019203654	(71) Aristocrat Technologies Australia Pty Limited (21) 2021203314 (22) 24.05.2021 (54) A GAMING MACHINE (62) 2019222868	(71) Byondis B.V. (21) 2021203331 (22) 24.05.2021 (54) Compositions comprising antibody-ducarmycin drug conjugates (62) 2016292759
(71) Alcon Inc. (21) 2021203350 (22) 24.05.2021 (54) INTRAOCULAR LENS MATERIALS AND COMPONENTS (62) 2016275073	(71) Arlec Australia Pty Ltd (21) 2021203335 (22) 24.05.2021 (54) Heater	(71) Canon Kabushiki Kaisha (21) 2021203403 (22) 25.05.2021 (54) Process cartridge, electrophotographic image forming apparatus, and electrophotographic photosensitive drum unit (62) 2019236605
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	(71) Baxter Corporation Englewood (21) 2021203380 (22) 25.05.2021 (54) IMPROVED WORK STATION FOR MEDICAL DOSE PREPARATION SYSTEM (62) 2019208270	(71) Canon Kabushiki Kaisha (21) 2021203408 (22) 25.05.2021

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(54) Process cartridge and electrophotographic image forming apparatus
(62) 2020200516

(71) CareFusion 303, Inc.
(21) 2021203375 (22) 25.05.2021
(54) Zero reflux female valve with small priming volume
(62) 2019279901

(71) CareFusion 303, Inc.
(21) 2021203377 (22) 25.05.2021
(54) Vial adapter
(62) 2017208831

(71) Carrosserie Hess AG
(21) 2021203307 (22) 22.05.2021
(54) Method for an Exchange of Data
(31) 626/20 (32) 26.05.20 (33) CH

(71) Cava Healthcare Inc.
(21) 2021203291 (22) 21.05.2021
(54) MODULATION OF CANCER IMMUNITY WITH TYPE 2 INNATE LYMPHOID CELLS, INTERLEUKIN 33, AND/OR INTERFERON INDUCED PROTEIN 44
(62) 2016228147

(71) Children's Medical Center Corporation
(21) 2021203386 (22) 25.05.2021
(54) Shunt flusher
(62) 2019204650

(71) Cudzilo, M.
(21) 2021203353 (22) 24.05.2021
(54) A method for providing a mobile location based information service
(62) 2015279305

(71) D.T. Davis Enterprises, Ltd. (d/b/a Hov-ertech International)
(21) 2021203347 (22) 24.05.2021
(54) Lateral transfer mattress and rotational positioning device
(62) 2018313905

(71) DEKA Products Limited Partnership
(21) 2021203371 (22) 25.05.2021
(54) Apparatus for controlling fluid flow
(62) 2019200586

(71) Dexcom, Inc.
(21) 2021203385 (22) 25.05.2021
(54) System and method for mode switching
(62) 2019202148

(71) Dexcom, Inc.
(21) 2021203387 (22) 25.05.2021

(54) Distributed system architecture for continuous glucose monitoring
(62) 2019202621

(71) Dolby International AB
(21) 2021203402 (22) 25.05.2021
(54) Video decoder with reduced dynamic range transform with inverse transform shifting memory
(62) 2020200449

(71) EDGe Surgical, Inc.
(21) 2021203284 (22) 21.05.2021
(54) Handheld devices for use in medical procedures
(62) 2019231188

(71) Equifax, Inc.
(21) 2021203338 (22) 24.05.2021
(54) Automated Model Development Process
(62) 2016245868

(71) F. Hoffmann-La Roche AG
(21) 2021203300 (22) 21.05.2021
(54) Nucleic acid molecule for reduction of PAPD5 and PAPD7 mRNA for treating hepatitis B infection
(62) 2018350693

(71) Fisher & Paykel Healthcare Limited
(21) 2021203341 (22) 24.05.2021
(54) PRESSURIZING MASKS, SYSTEMS AND METHODS
(62) 2019268202

(71) Frantz Design Incorporated; Anderson, M.
(21) 2021203381 (22) 25.05.2021
(54) System and method for treating sleep apnea while straightening teeth
(62) 2019222958

(71) Genentech, Inc.
(21) 2021203296 (22) 21.05.2021
(54) Methods for diagnosing and treating inflammatory bowel disease
(62) 2021200518

(71) Gilead Sciences, Inc.
(21) 2021203373 (22) 25.05.2021
(54) MCL-1 inhibitors
(62) 2019269391

(71) Globe (Jaingsu) Co., Ltd.
(21) 2021203303 (22) 21.05.2021
(54) MOWER FLEET MANAGEMENT DEVICE, METHOD, AND SYSTEM
(31) 202010439031.2 (32) 22.05.20 (33) CN

(71) Health Care Originals, Inc.
(21) 2021203409 (22) 25.05.2021
(54) Respiratory disease monitoring wearable apparatus
(62) 2016322755

(71) Huawei Technologies Co., Ltd.
(21) 2021203293 (22) 21.05.2021
(54) SYSTEM AND METHOD FOR DE-MODULATION REFERENCE SIGNAL OVERHEAD REDUCTION
(62) 2018246761

(71) I2DX, Inc.
(21) 2021203400 (22) 25.05.2021
(54) ELECTRONIC DELIVERY OF INFORMATION IN PERSONALIZED MEDICINE
(62) 2019202082

(71) IDP Discovery Pharma, S.L.
(21) 2021203397 (22) 25.05.2021
(54) Peptides with anti-cancer activity
(62) 2017235382

(71) Illumina, Inc.
(21) 2021203295 (22) 21.05.2021
(54) Spatial Mapping Of Nucleic Acid Sequence Information
(62) 2019206067

(71) Illumina, Inc.
(21) 2021203297 (22) 21.05.2021
(54) Detector with reduced fluorescence range noise
(62) 2018397465

(71) Illumina, Inc.
(21) 2021203361 (22) 24.05.2021
(54) Compositions And Methods For Improving Sample Identification In Indexed Nucleic Acid Libraries
(62) 2018260633

(71) INA Acquisition Corp.
(21) 2021203313 (22) 24.05.2021
(54) METHOD OF REINFORCEMENT OF MASONRY WALLS WITH NON-VISIBLE HIGH STRENGTH PREFORMED FIBROUS LAMINATES
(31) 10202103925S (32) 16.04.21 (33) SG

(71) Incall Limited
(21) 2021203411 (22) 25.05.2021
(54) Telecommunications call augmentation system
(62) 2019203043

(71) INCYTE CORPORATION
(21) 2021203351 (22) 24.05.2021
(54) SALTS OF A PIM KINASE INHIBITOR
(62) 2016320892

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(71) Intarcia Therapeutics, Inc.
(21) 2021203399 **(22)** 25.05.2021
(54) Implant placement and removal systems
(62) 2016270984

(71) Intuit Inc.
(21) 2021203406 **(22)** 25.05.2021
(54) Composite machine-learning system for label prediction and training data collection
(62) 2018243380

(71) J E MECHANICAL & PLUMBING SERVICES PTY LTD
(21) 2021203282 **(22)** 21.05.2021
(54) Plenum Designs Skywarp Mark 1

(71) J E MECHANICAL & PLUMBING SERVICES PTY LTD
(21) 2021203285 **(22)** 21.05.2021
(54) Skywarp Mark 2 Plenum Design

(71) Kaleido Biosciences, Inc.
(21) 2021203398 **(22)** 25.05.2021
(54) Glycan therapeutics and methods of treatment
(62) 2016253010

(71) Kemira Oyj
(21) 2021203368 **(22)** 25.05.2021
(54) Inverse emulsion compositions
(62) 2016366174

(71) KLK Ceilings Pty Ltd
(21) 2021203299 **(22)** 21.05.2021
(54) Edge strip

(71) La Francaise Des Jeux
(21) 2021203355 **(22)** 24.05.2021
(54) Computer game system
(62) 2016200503

(71) Matrix Composites & Engineering Ltd
(21) 2021203334 **(22)** 24.05.2021
(54) THERMOPLASTIC CONVEYOR IDLER FRAME AND REINFORCEMENT METHOD THEREOF
(31) 2020901703 **(32)** 26.05.20 **(33)** AU

(71) Memorial Sloan-Kettering Cancer Center
(21) 2021203330 **(22)** 24.05.2021
(54) System, method, computer-accessible medium and apparatus for fast radioactive seed localization in intraoperative cone beam CT for Low-Dose-Rate prostate brachytherapy
(62) 2016270338

(71) Merck Patent GMBH
(21) 2021203352 **(22)** 24.05.2021
(54) A method of treating solid cancers and/or metastases thereof, medicaments therefore, and a method of predicting the clinical outcome of treating solid cancers and/or metastases thereof
(62) 2015317409

(71) National Center of Neurology and Psychiatry; Nippon Shinyaku Co., Ltd.
(21) 2021203383 **(22)** 25.05.2021
(54) Antisense nucleic acid
(62) 2015277924

(71) NELSON IRRIGATION CORPORATION
(21) 2021203304 **(22)** 21.05.2021
(54) SPRINKLER WITH MODULAR COMPONENTS AND POP UP DEFLECTOR WITH LUG(S) FOR ROTATIONAL ENGAGEMENT
(31) 16/920.952 **(32)** 06.07.20 **(33)** US

(71) Niantic, Inc.
(21) 2021203410 **(22)** 25.05.2021
(54) Multi-sync ensemble model for device localization
(62) 2019291869

(71) Nicoventures Trading Limited
(21) 2021203342 **(22)** 24.05.2021
(54) Apparatus and method for generating an inhalable medium, and a cartridge for use therewith
(62) 2019200330

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(21) 2021203383

(71) Nipro Corporation
(21) 2021203345 **(22)** 24.05.2021
(54) Medical liquid administration device
(62) 2016365938

(71) Nissan Chemical America Corporation
(21) 2021203417 **(22)** 25.05.2021
(54) Hydrocarbon formation treatment micellar solutions
(62) 2018250262

(71) Novartis AG
(21) 2021203294 **(22)** 21.05.2021
(54) SYRINGE
(62) 2020201957

(71) NOWWWW.US PTY LTD
(21) 2021203360 **(22)** 24.05.2021

(54) A METHOD FOR DISGUIISING A COMPUTER SYSTEM'S LOGIN INTERFACE
(62) 2019203496

(71) Optis Wireless Technology, LLC
(21) 2021203332 **(22)** 24.05.2021
(54) Telecommunications method and apparatus for facilitating measurements
(62) 2020200402

(71) Precision Planting LLC
(21) 2021203302 **(22)** 21.05.2021
(54) Seed delivery apparatus, systems, and methods
(62) 2019284063

(71) Queen Mary University of London
(21) 2021203378 **(22)** 25.05.2021
(54) Biomarkers for endometriosis
(62) 2015221951

(71) Rheem Manufacturing Company
(21) 2021203392 **(22)** 25.05.2021
(54) FLUID HEATING SYSTEM
(62) 2018212003

(71) Risen Energy Co., Ltd.
(21) 2021203356 **(22)** 24.05.2021
(54) SOLAR CELL AND METHOD FOR PREPARING THE SAME, SOLAR CELL MODULE INCLUDING THE SAME
(31) 202010495481.3 **(32)** 03.06.20 **(33)** CN

(71) Riverina Oils & Bio Energy Pty Ltd
(21) 2021203344 **(22)** 24.05.2021
(54) Delivering edible oil
(31) 2020901940 **(32)** 12.06.20 **(33)** AU

(71) Royal Caridea LLC
(21) 2021203315 **(22)** 24.05.2021
(54) MULTI-PHASIC INTEGRATED SUPER-INTENSIVE SHRIMP PRODUCTION SYSTEM
(62) 2016243219

(71) Selecta Biosciences, Inc.
(21) 2021203376 **(22)** 25.05.2021
(54) Methods and compositions for attenuating gene therapy anti-viral transfer vector immune responses
(62) 2015311706

(71) Selecta Biosciences, Inc.
(21) 2021203379 **(22)** 25.05.2021
(54) Methods and compositions for attenuating exon skipping anti-viral transfer vector immune responses
(62) 2015311708

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- (71) Seres Therapeutics, Inc.
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(62) 2019200628
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- (71) Sheltered Wings, Inc. d/b/a Vortex Optics
(21) 2021203349 (22) 24.05.2021
(54) Dual focal plane reticles for optical sighting devices
(62) 2016278051
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- (71) Snap-on Incorporated
(21) 2021203391 (22) 25.05.2021
(54) Reversing mechanism for a power tool
(31) 16/908,105 (32) 22.06.20 (33) US
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- (71) Snap-on Incorporated
(21) 2021203412 (22) 25.05.2021
(54) Brushless direct current motor end cap
(31) 16/906,320 (32) 19.06.20 (33) US
-
- (71) Société des Produits Nestlé S.A.
(21) 2021203421 (22) 26.05.2021
(54) Heat sterilized high protein compositions comprising whey protein and at least one component selected from (i) a saccharide, (ii) a phosphate and (iii) a citrate
(62) 2016373862
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- (71) Spark, I.
(21) 2021203310 (22) 23.05.2021
(54) Improved Articulated Vehicle
(31) 2020901957 (32) 14.06.20 (33) AU
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- (71) Stryker Corporation
(21) 2021203414 (22) 25.05.2021
(54) Sterile barrier assembly, mounting system, and method for coupling surgical components
(62) 2016219862
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- Tanifum, E. see Texas Children's Hospital**
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- (71) TargImmune Therapeutics AG
(21) 2021203336 (22) 24.05.2021
(54) Improved polyethyleneimine polyethylene glycol vectors
(62) 2015260725
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- (71) Telefonaktiebolaget LM Ericsson (PUBL)
(21) 2021203311 (22) 24.05.2021
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- (54) Resource allocation signaling
(62) 2017406940
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- (71) Texas Children's Hospital; Annapragada, A.; Tanifum, E.; Srivastava, M.
(21) 2021203388 (22) 25.05.2021
(54) MRI Imaging Of Amyloid Plaque Using Liposomes
(62) 2015330824
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- (71) The Board of Trustees of the Leland Stanford Junior University
(21) 2021203394 (22) 25.05.2021
(54) Nutritional treatment for cancer
(62) 2016326347
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- (71) The Boeing Company
(21) 2021203395 (22) 25.05.2021
(54) Flow reactor synthesis of polymers
(62) 2016244187
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- (71) The Brain Protection Company Pty Ltd
(21) 2021203415 (22) 25.05.2021
(54) Implantable damping device for modifying blood flow characteristics
(62) 2018359016
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- (71) The Chinese University of Hong Kong
(21) 2021203359 (22) 24.05.2021
(54) Analysis of cell-free DNA in urine and other samples
(62) 2017369018
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- (71) The General Hospital Corporation
(21) 2021203309 (22) 23.05.2021
(54) Multiplex guide RNAs
(62) 2014370416
-
- The General Hospital Corporation see Blossom Innovations, LLC**
(21) 2021203339
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- (71) The General Hospital Corporation
(21) 2021203370 (22) 25.05.2021
(54) RNA-GUIDED FOKI NUCLEASES (RFNS) TO INCREASE SPECIFICITY FOR RNA-GUIDED GENOME EDITING
(62) 2019204675
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- (71) The Intellectual Gorilla GmbH
(21) 2021203346 (22) 24.05.2021
(54) EXTRUDED CEMENT BASED MATERIALS
(62) 2019202740
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- (71) The Regents of the University of California; Alveo Technologies Inc.
(21) 2021203343 (22) 24.05.2021
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- (54) Methods and systems for detection of analytes
(62) 2015328394
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- (71) Tiandi Science & Technology Co.,Ltd
(21) 2021203405 (22) 25.05.2021
(54) METHOD FOR CONTROLLING UNMANNED TRANSPORT VEHICLE, AND UNMANNED TRANSPORT VEHICLE
(31) 202110010114.4 (32) 06.01.21 (33) CN
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- (71) Trade Corporation International, S.A. Unipersonal
(21) 2021203357 (22) 24.05.2021
(54) Process for the preparation of a chelating agent
(62) 2016376988
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- (71) Trajan Scientific Australia Pty Ltd
(21) 2021203298 (22) 21.05.2021
(54) Novel porous polymer monoliths adapted for sample preparation
(62) 2016358315
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- (71) Trevena, Inc.
(21) 2021203337 (22) 24.05.2021
(54) 6-membered AZA-heterocyclic containing delta-opioid receptor modulating compounds, methods of using and making the same
(62) 2016315720
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- (71) Uber Technologies, Inc.
(21) 2021203354 (22) 24.05.2021
(54) Determining service provider behavior with ranged transmissions
(62) 2019213382
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- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
(21) 2021203348 (22) 24.05.2021
(54) REDUCED OXYGEN CARRIERS AND THEIR USE FOR THE TREATMENT OF CARBOXYHEMOGLOBINEMIA
(62) 2020267259
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- (71) Vertigo Media, Inc.
(21) 2021203425 (22) 26.05.2021
(54) SMART ROUTING SYSTEM FOR SOCIALIZING A SYNTHETIC REBROADCAST AND GROUP STREAM
(62) 2019229430
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- (71) Waymo LLC
(21) 2021203308 (22) 22.05.2021
(54) METHODS AND SYSTEMS FOR VEHICLE OCCUPANCY CONFIRMATION
(62) 2018301762
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(54) Deck extender for watercraft
(31) 63/032059 (32) 29.05.20 (33) US

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2021203282	J E MECHANICAL & PLUMBING SERVICES PTY LTD	2021203371	DEKA Products Limited Partnership
2021203284	EDGE Surgical, Inc.	2021203373	Gilead Sciences, Inc.
2021203285	J E MECHANICAL & PLUMBING SERVICES PTY LTD	2021203375	CareFusion 303, Inc.
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2021203292	Accenture Global Solutions Limited	2021203377	CareFusion 303, Inc.
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2021203295	Illumina, Inc.	2021203380	Baxter Corporation Englewood
2021203296	Genentech, Inc.	2021203381	Frantz Design Incorporated; Anderson, M.
2021203297	Illumina, Inc.	2021203383	National Center of Neurology and Psychiatry; Nippon Shinyaku Co., Ltd.
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2021203307	Carrosserie Hess AG	2021203391	Snap-on Incorporated
2021203308	Waymo LLC	2021203392	Rheem Manufacturing Company
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2021203310	Spark, I.	2021203394	The Board of Trustees of the Leland Stanford Junior University
2021203311	Telefonaktiebolaget LM Ericsson (PUBL)	2021203395	The Boeing Company
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2021203334	Matrix Composites & Engineering Ltd	2021203404	Canon Kabushiki Kaisha
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(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(54) A SYSTEM AND METHOD FOR DETERMINING TRUTHFUL AND DECEPTIVE STATE OF A PERSON				(21) 2021102837
<hr/>			(71) Beijing Institute of Technology; The National High Technology Development Center of Green Materials	
(71) Bablani, A.; Reddy Edla, D.			(21) 2021102733	(22) 21.05.2021
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(54) A SYSTEM AND A METHOD FOR ASSESSING MENTAL ABILITY OF A USER USING AN ELECTROENCEPHALOGRAM				
<hr/>			(71) Beijing Normal University	
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(54) Methodology for Solving the Issues in the Textile Industry				(21) 2021102877
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<hr/>			BHATTA, S.K. see GANTHIA, B.P.	
(71) Biswas, H.; Roy, S.; Sarddar, D.; Bose, R.; Mondal, H.			(21) 2021102781	
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(54) SYSTEM AND METHOD FOR CLOUD MANAGEMENT FOR PROVISIONING MULTIPLE SERVICES THROUGH SMART VIRTUAL GREEN CLOUD				(21) 2021102889
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(71) Bond Chemicals Pty Ltd
(21) 2021102754 (22) 21.05.2021
(54) METHODS AND USES FOR HYPOCHLORITE CONCENTRATES

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(54) Autonomous Flying Electric Space net car

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(21) 2021102713

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(71) BT Engineering Group Pty Ltd
(21) 2021102800 (22) 24.05.2021
(54) A STRINGLINE BLOCK

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(71) CHAUDHARI, A.J.; VILAS JOSHI, S.; ANIL RAUT, P.; PRAMOD VARTAK, S.; GOPAL DIGHE, A.; CHAUDHARI, J.
(21) 2021102777 (22) 23.05.2021
(54) A SYSTEM FOR IOT BASED SMART ENTRANCE AND A METHOD THERE OF

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(71) CHHERAWALA, I.T.
(21) 2021102575 (22) 14.05.2021
(54) MIRACLE – 32 DENTAL TREATMENT

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(21) 2021102762 (22) 22.05.2021
(54) A Novel Watermarking Techniques for 3D Mesh Objects

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(21) 2021102772 (22) 22.05.2021
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(21) 2021102738 (22) 21.05.2021
(54) SEISMIC WAVE ANALYSIS METHOD BASED ON DOMAIN DECOMPOSITION ALGORITHM WITH DIFFERENT TIME STEPS

(71) China Institute of Water Resources and Hydropower Research
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(21) 2021102893 (22) 27.05.2021
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- (71) China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.
(21) 2021102863 (22) 26.05.2021
(54) Maintenance Equipment for Anti-collision Wall of High-speed Railway Bridge and Vertical Wall of Cable Trough
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(21) 2021102866 (22) 26.05.2021
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- Chiranjivi, M. see Shrivastava, A.**
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- (71) Chongqing Sinstar Packaging Machinery Co., Ltd.
(21) 2021102794 (22) 24.05.2021
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(54) Disclosed are systems and methods for diagnosis using learning of outcomes in other cases. The method includes adding to the body of knowledge about a target disease or condition while also prioritizing measurements taken to diagnose and use of block chain processing.
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2021102719	XUZHOU UNIVERSITY OF TECHNOLOGY	2021102760	Badashah, S.J.; Babu, D.V.; Yellapu, J.; Chaurasia, M.A.; Sridevi, B.; Kharate, M.S.; Kharate, D.S.; Kharate, P.S.; Manohar, K.; Silas, S.; Naick, B.S.; Tumula, D.P.
2021102720	Islam, A.; Kumar, A.; Mohiuddin, K.; Yasmin, S.; Khaleel, M.A.; Alqarni, Z.A.S.	2021102761	Kumar, A.; Jangir, A.; Shrivastava, V.K.; Satti, T.; Kumar, B.; Rathee, P.; Mittal, R.K.; Subramanian, T.S.S.; Choudhary, T.; Goyat, V.; Gupta, A.; Sharma, S.; Gillawat, A.K.; Sharma, A.; Sharma, J.; Kumar, A.; Kumar, R.
2021102721	Ratnam Verma, P.; Kumar, A.; Ranjan, R.	2021102762	Chikte, S.D.; Malipatil, M.
2021102722	Singh Verma, A.; Sumankant, .; Mohan Suri, N.; Kumar, S.; Singh Gill, A.	2021102763	Das, M.; B S, P.; Barman, A.; Kundu, S.; Harlapur, S.F.; Harlapur, S.; Suneeta, .; Athapu, T.; Meenu, P.; Kaur, G.; Thakka, K.; Panda, R.C.
2021102723	Masurkar, A.; Masurkar, P.	2021102764	Nijhawan, P.; Kumar, V.; Singla, M.; Gupta, J.; Bhullar, S.
2021102724	Oommen, S.; Ankaiah, B.; Kumar, M.; H., A.M.; N., L.; V., D.B.	2021102765	RASOOL, S.; DULHARE, U.N.; KONDURU, D.P.; TAM-RAKAR, P.K.; KRISHNA, B.; AFROZ, M.; AHMED, M.Z.
2021102725	Sagnika, S.; Prasad Mishra, B.S.; Meher, S.K.	2021102766	Patra, J.P.
2021102726	Adimule, V.; C. Yallur, B.; Nandi, S.S.	2021102767	Huazhong Agricultural University
2021102727	Shrivastava, Y.; Singh, B.; Jain, A.	2021102768	Huazhong Agricultural University
2021102728	Constantinides, A.	2021102769	Institute of Plant Protection, Gansu Academy of Agricultural Sciences
2021102729	Rameshwar, C.; Maduri, P.K.	2021102770	Institute of Water Resources for Pastoral Area, Ministry of Water Resources
2021102730	Rameshwar, C.S.; Maduri, P.K.	2021102772	Chikte, S.D.; Shilpa, K.
2021102731	The Second Medical Center Of Chinese PLA General Hospital	2021102773	Bablani, A.; Reddy Edla, D.
2021102732	Jinggangshan University	2021102774	Bablani, A.; Reddy Edla, D.
2021102733	Beijing Institute of Technology; The National High Technology Development Center of Green Materials	2021102775	Senapati, R.; Sahu, P.K.; Jena, S.R.; Mohapatra, S.; Kar, T.; Behera, S.; Ranjan Prusty, S.
2021102734	Guizhou Institute of Prataculture	2021102776	Narain, B.; Kalane, P.; Sharma, U.; Sharad More, S.; Tayyapa Jadhav, B.; Patil, S.; Patil, N.
2021102735	Shihezi University	2021102777	CHAUDHARI, A.J.; VILAS JOSHI, S.; ANIL RAUT, P.; PRAMOD VARTAK, S.; GOPAL DIGHE, A.; CHAUDHARI, J.
2021102738	China Institute of Water Resources and Hydropower Research	2021102778	Aminu, D.M.A.
2021102739	SenSen Networks Group Pty Ltd	2021102779	Kasbe, T.; Vaseer, G.; Kumar, A.
2021102740	SenSen Networks Group Pty Ltd	2021102780	Kumar, A.; Kumar, A.

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2021102781	GANTHIA, B.P.; RANA, P.K.; PANDA, S.; SAHOO, L.K.; BHATTA, S.K.; SINGHOLI, A.K.S.; MALLA, C.; MAHERCHANDANI, J.K.; MOHANTY, M.; MOHANTY, K.U.; KUMAR BARIK, S.; NAYAK, B.	2021102832	Patro, P.; Kumar, K.; Sarangi, S.K.; Swain, D.; Sama, H.R.; Kumar, V.V.; Mishra, S.; Krishna, K.M.; Kishore, R.H.
2021102782	Cook, R.	2021102833	Yangzhou University
2021102783	Qilu University of Technology	2021102834	GUPTA, B.B.; RAJ, B.; GARCÍA PEÑALVO, F.J.; GUPTA, D.; NEDJAH, N.
2021102784	Jiao, L.	2021102835	GUPTA, B.B.; GUPTA, D.; HSU, C.; GARCÍA PEÑALVO, F.J.; CHUI, K.T.; RAFSANJANI, M.K.
2021102785	Zhejiang Academy of Science&Technology for Inspection&Quarantine; Hangzhu Customs District P.R.CHINA; Zhengzhou Customs Technical Center; Gongbei Customs Technical Center	2021102836	Shaik, A.; Moses, D.; Bhima, K.; Mantri, V.; Neelakantappa, M.; Joseph, F.J.J.; Deka, B.; Selvan, C.T.; Shankar S, S.
2021102786	Zhejiang Academy of Agricultural Sciences	2021102837	D, L.; Kumar, A.; Bhojar, S.R.; Rehman, T.B.; Jain, A.; Dharmik, P.G.; Dhabe, M.C.; Ibrahim, S.J.A.; Chakravarthi, N.S.K.; Shrivastava, G.; Manihar, S.; Chandra Panda, R.
2021102787	Miles, S.	2021102838	Dharmadhikari, S.C.; Chakrabarti, T.; Hati, A.S.; Jain, G.; Mathur, M.; Chakraborty, S.K.; , N.; Liya, B.; Arun, M.R.; Subbarayudu, C.B.V.; Chakrabarti, P.; Divya, G.
2021102788	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport, P.R. China	2021102839	Upreti, K.; Upreti, S.; Agrawal, M.; Raut, R.D.; Nandan, M.; Mitra, S.; Singh, U.K.; Agrawal, T.; Singhai, R.; Thool, K.
2021102789	Yangzhou University	2021102840	Roorkee College of Engineering; a. N.
2021102790	Wuxi Maternal and Child Health Hospital	2021102841	Prabu, K.; Chakrabarti, T.; N, R.; Shajan, X.; Raj, T.B.; Greena, J.M.; Roji, M.M.; Prasad, K.S.; Kumar, S.; Sathyan, M.; Chakrabarti, P.; Pratyush, K.
2021102791	Jilin University	2021102842	Roorkee College of Engineering; Shukla, A.
2021102792	Shanghai Ocean University	2021102843	Roorkee College of Engineering; Chandna, A.
2021102793	Cripps Clark, J.	2021102844	Roorkee College of Engineering; Chaudhary, S.
2021102794	Chongqing Sinstar Packaging Machinery Co., Ltd.	2021102845	Sarangi, P.; Pandey, S.
2021102796	VATER, L.M.	2021102846	Dhiman, G.; Joon, R.K.; Kaur, S.; Shankar, A.; Khapre, S.; Singla, A.; Kaushal, C.; Bhau, G.V.; Bhadane, J.R.; Joshi, B.M.; Rane, C.G.; Mhatre, N.S.; Shabaz, M.; Khalaf, O.I.
2021102797	Naval Aviation University	2021102847	Annamalai, K.; Chakrabarti, T.; Kumar, G.A.; Battula, S.K.; Chinka, S.S.B.; Chinnam, D.S.P.; Mandru, S.K.; Sanaka, R.; Jaglan, V.; Hati, A.S.; Chakrabarti, P.; kaur, G.
2021102798	Naval Aviation University	2021102848	Lovely Professional University
2021102800	BT Engineering Group Pty Ltd	2021102849	Lovely Professional University
2021102801	Patel, R.P.; Chakrabarti, T.; Hati, A.S.; Mahalingam, M.; Saravanan, K.G.; Patel, I.; Krishna, P.; Kumar, Y.; Gowrishankar, K.; Kumara, V.; Chakrabarti, P.; Sophia, S.	2021102850	Lovely Professional University
2021102802	Satyanarayana, C.; Hariitha, D.; Radhika Mani, M.; Jagadesh, B.N.; Dara, R.; Samalla, K.; K, R.	2021102851	Lovely Professional University
2021102803	Xuzhou University of Technology	2021102852	Lovely Professional University
2021102804	GRAPHIC ERA HILL UNIVERSITY, DEHRADUN CAMPUS; GRAPHIC ERA (DEEMED TO BE) UNIVERSITY	2021102853	Wilson, M.
2021102805	Ajay, A.; , R.; Choudhary, T.; Goyat, V.; Subramanian, T.S.S.; Shrivastava, V.K.; Kumar, B.; Gupta, A.; Gillawat, A.K.; Sharma, A.; Sharma, S.; Sharma, J.; Mittal, R.K.	2021102854	Qilu University of Technology
2021102806	Sakr, H.	2021102855	SHANG, S.
2021102807	MESHARAM, K.	2021102856	GRAPHIC ERA (DEEMED TO BE UNIVERSITY)
2021102808	Phukan, A.; Phukan, P.; Sinha, R.; Hazarika, S.; Boruah, A.	2021102857	YU, W.
2021102809	RANGANATH, A.; SENAPATI, M.R.; SAHU, P.K.	2021102858	Taiyuan University of Science and Technology
2021102810	Gupta, D.K.; Chatur, D.P.; Sinhal, M.R.; Singh, D.K.; S. Badiye, D.S.; A. Waghmare, D.K.; Khedgaonkar, M.R.; Sonsare, M.P.	2021102859	Suining Central Hospital
2021102811	PUTATUNDA, S.	2021102860	Kunming University of Science & Technology
2021102812	Lovely Professional University	2021102861	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.
2021102813	Lovely Professional University	2021102863	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.
2021102814	Lovely Professional University	2021102864	Beijing Normal University
2021102815	Lovely Professional University	2021102865	IRS Pty Ltd; Shengjiu Group Co., Ltd
2021102816	Lovely Professional University	2021102866	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.
2021102817	Lovely Professional University	2021102867	Hebei Weizhengheng Integrated Housing Technology Co.,Ltd.
2021102818	Lovely Professional University	2021102868	Hansen Price Pty Ltd
2021102819	Lovely Professional University	2021102869	Anhui Medical University; Hefei Doushuaigong Pharmaceutical Technology Co., Ltd.
2021102820	Lovely Professional University	2021102870	Vishwakarma Institute of Information Technology
2021102821	Lovely Professional University	2021102871	Xuzhou University of Technology
2021102822	Shrivastava, A.; Chiranjivi, M.; Pahariya, Y.; Bisen, V.; Kumar, K.; Raghavendra, G.; Banik, A.; Chauhan, D.; Pallathadka, H.; Sarvate, D.; Sekhar, P.C.; Rajasanthosh Kumar, T.	2021102872	V, V.; A., H.
2021102823	Apple Inc.	2021102873	Rasia Salim, S.; Jaya, K.
2021102824	Make Great Sales Limited	2021102874	Kumar, V.; Varsha, D.; Sharma, V.; Lohana, S.; Sahoo, N.; Kumar, P.; Mohan, A.; Pattanayak, M.; Kumar, S.; Gianey, H.K.; Popli, R.; Jha, N.; KAR, R.; Panda, R.C.; Kumar, S.
2021102825	Yangtze University		
2021102826	The Amey Family Trust; Amey, A.; Amey, T.		
2021102828	Kumar, J.		
2021102829	Glassock-Warren, H.		
2021102830	Qingdao Metro Group Co., Ltd; Qingdao University of Technology		
2021102831	Tianjin Institute of Environmental and Operational Medicine, Tianjin, China		

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2021102875	Nanjing Naihe Slaughtering Machinery Manufacturing Co., Ltd.	2021102894	KUO, A.
2021102876	Roorkee College of Engineering	2021102895	STM Management Pty Ltd
2021102877	Waugh, M.; Bharti, A.K.; Nemade, P.D.; Kadbhane, S.; Patil, K.T.; Kaur, K.; Pandit, J.; Chordiya, S.B.; Raj, B.; Sarkar, B.K.	2021102897	Zaozhuang University
2021102878	Zhejiang Gongshang University	2021102898	Zhejiang East Star Software Development Co., LTD
2021102879	Yadav, M.; Tiwari, N.; Sharma, R.; KHILJI, I.A.; MOHD SAFEE, S.N.B.; JAIMAN, A.; Nandan, K.; DUA, S.S.; PATIDAR, R.; REDDY, C.C.; ALQAHTANI, T.M.	2021102899	The Affiliated Hospital of Youjiang Medical University for Nationalities
2021102880	Meka, J.S.; Modem, A.R.; Padala, P.; P.V.G.D., P.R.	2021102900	State Grid Ningxia Electric Power Corporation Research Institute; PDStars Electric Co., Ltd
2021102881	koshariya, A.K.; Bodhe, A.B.; Sahu, M.K.; Aalam, S.; Sahu, V.; Patle, D.K.; Khamari, B.; Akram, M.; hasmi, S.K.; Chelak, Y.K.; Dhok, P.; Sahu, B.	2021102901	PULL IN PLACE PTY LTD
2021102882	Ainapure, B.; Dixit, A.; A P, J.; Kumar, N.S.; S, L.; K. N., M.; A, S.; P, A.; Velladurai, M.; Sangeetha, J.M.	2021102902	PULL IN PLACE PTY LTD
2021102883	Bhupathyraaj, M.; Godwin Anand, R.K.P.; Musthafa, M.E.M.	2021102903	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport, P.R. China
2021102885	Qinghai Academy of Agriculture and Forestry Sciences	2021102904	Nanjing Forestry University
2021102886	Suzhou Shennong Quantum Technology Co., Ltd.	2021102905	Lovely Professional University
2021102887	Di Pietro, D.	2021102906	Lovely Professional University
2021102888	Shanxi Agricultural University	2021102907	Lovely Professional University
2021102889	Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences	2021102908	Lovely Professional University
2021102891	Technical Institute of Physics and Chemistry, Chinese Academy of Sciences	2021102909	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
2021102892	China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Constructions and Installation Engineering Co., Ltd.	2021102910	Vishwakarma Institute of Information Technology
2021102893	China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Constructions and Installation Engineering Co., Ltd.	2021102911	Acharya, B.; Makkar, S.; Sabata, S.; Dhingra, D.; Imam, H.; Nanda, I.; Dash, S.; Bhola, E.A.
		2021102914	Zhang, D.
		2021102916	Zhang, D.
		2021102917	Zhang, D.
		2021102920	Qingdao Agricultural University
		2021102921	Crop Research Institute, Shandong Academy of Agricultural Sciences
		2021103007	China Institute of Water Resources and Hydropower Research
		2021103043	Roorkee College of Engineering

Applications with amended filing dates Reg 3.5(A).

2021102623 **Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment** The filing date has been amended to 28.05.2021

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

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2011333801 (14)	2011333851 (14)	2011333852 (14)	2015202107 (14)	2015203487 (14)	2015230850 (14)
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2011344667 (14)	2011345267 (14)	2011345269 (14)	2015329648 (5C)	2015330644 (5C)	2015330785 (5C)
2011349033 (14)	2011350307 (14)	2011365883 (14)	2015340502 (5C)	2015346505 (5C)	2015347993 (5C)
2011380514 (14)	2011381034 (14)	2011381036 (14)	2015348035 (14)	2015348439 (5C)	2015348619 (14)
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2012			2015350094 (14)	2015350146 (5C)	2015350151 (4C)
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2021101205 (18AN) 2021101220 (18AN) 2021101221 (18AN)
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 2021103007 (12AN) 2021201608 (1B) 2021201752 (7AN)
 2021900735 (17AN) 2021901607 (12AN)

Assignments before Grant, Section 113

2015

2015284460 Myriad Genetics, Inc. The application has been assigned to **Myriad myPath, LLC**

2015367226 Fugro Roames Pty Limited The application has been assigned to **Fugro Advance Pty Ltd.**

2016

2016244217 Sears Brands, L.L.C. The application has been assigned to **Transform SR Brands, LLC**

2016377398 Queensland University of Technology The application has been assigned to **Repluca Pty Ltd**

2016387204 Xam-Mar Mangrane, Esteban The application has been assigned to **Talladium España, S.L.**

2016396405 Xam-Mar Mangrane, Esteban The application has been assigned to **Talladium España, S.L.**

2016407023 Rcw Investments Limited The application has been assigned to **Turbo Screen International Limited**

2017

2017361718 APL Technology AS The application has been assigned to **APL Norway AS**

2017366191 APL Technology AS The application has been assigned to **APL Norway AS**

2017369122 Sino Medical Sciences Technology Inc. The application has been assigned to **Sinomed Cardioita Technology Inc.**

2017382984 APL Tecnología AS The application has been assigned to **APL Norway AS**

2017386952 Mentor Worldwide LLC The application has been assigned to **Ethicon, Inc.**

2017386953 Mentor Worldwide LLC The application has been assigned to **Ethicon, Inc.**

Assignments before Grant, Section 113

2018

2018304450 Alan Laboratories, Inc. The application has been assigned to **Seinda Pharmaceutical Guangzhou Corporation**

2018332581 APL Technology AS The application has been assigned to **APL Norway AS**

2018353794 APL Technology AS The application has been assigned to **APL Norway AS**

2019

2019227844 Gilles, Peter The application has been assigned to **Metro North Hospital and Health Service; Gilles, Peter**

2019232825 Agios Pharmaceuticals, Inc The application has been assigned to **Les Laboratoires Servier SAS**

2019246824 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier SAS**

2019248573 Construction Research & Technology GmbH; Nouryon Chemicals International B.V. The application has been assigned to **Nouryon Chemicals International B.V.**

2019300992 APL Technology AS The application has been assigned to **APL Norway AS**

2019317180 Samyang Biopharmaceuticals Corporation The application has been assigned to **Samyang Holdings Corporation**

2019317236 Meaningful Technology Limited The application has been assigned to **Watt IP Holdings Limited**

2019328324 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019336054 APL Technology AS The application has been assigned to **APL Norway AS**

2019364146 APL Technology AS The application has been assigned to **APL Norway AS**

2019377352 Filip, Sergiu Constantin; Wright, Douglas Richard; Finlayson, Richard Reid O'Neill; Fisher & Paykel Healthcare Limited; Sun, Yi-Cheng; Grylls, Peter Lawrence The application has been assigned to **Fisher & Paykel Healthcare Limited**

2020

2020200015 Shire ViroPharma LLC The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020204060 Myriad Genetics, Inc. The application has been assigned to **Myriad myPath, LLC**

2020904580 Crowd n Clip Pty Ltd The application has been assigned to **CrowdClip IP Pty Ltd**

Assignments before Grant, Section 113

2021

2021200688 Captozyme, LLC The application has been assigned to **Oxidien Pharmaceuticals, LLC**

2021901090 Richardson, Georgia; Anker, Mathew The application has been assigned to **Victoria Link Limited**

2021901260 Parkinson, Benjamin The application has been assigned to **Victoria Link 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.

2005

2005294298 **Dow AgroSciences LLC** An application to extend the time from 07 Oct 2020 to 07 May 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2011

2011315891 **Gilead Sciences, Inc.** An application to extend the time from 14 Oct 2019 to 14 May 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2012

2012202834 **Desire2Learn Incorporated** An application to extend the time from 15 May 2020 to 15 Apr 2021 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014

2014305816 **Oshyn, Inc.** An application to extend the time from 07 Aug 2020 to 07 May 2021 in which to pay a renewal fee has been filed . Address for service - MOSAIC IP PO BOX 201 Cannon Hill QLD 4170 AU

2015

2015275671 **Pirtskhlava, N.** An application to extend the time from 06 Jul 2020 to 06 Apr 2021 in which to pay the continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016349953 **CiiLOCK Engineering Pty Ltd** An application to extend the time from 04 Nov 2020 to 04 Jun 2021 in which to pay a continuation fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016399182 **Monash University** An application to extend the time from 24 Oct 2020 to 24 May 2021 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

Extensions of Time, Section 223

2017

2017101279 **Moller, P.** An application to extend the time from 19 Sep 2019 to 19 Sep 2020 in which to pay a renewal fee has been filed . Address for service - Paul Gerard Moller 520 Lang Lang Poowong Road Nyora VIC 3987 AU

2018

2018101190 **Clark, R.** An application to extend the time from 16 Aug 2020 to 16 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Caska Intellectual Property Pty Ltd Level 6, 201 Kent Street Sydney NSW 2000 AU

2018101371 **WONDERFUL WORLD PTY. LTD.** An application to extend the time from 19 Sep 2020 to 19 May 2021 in which to pay a renewal fee has been filed . Address for service - WONDERFUL WORLD PTY. LTD. 48 Menangle Road Camden NSW 2570 AU

Applications Allowed - Section 223(2)

2005

2005219983 **Mitchell, C.** The time in which to pay the renewal fee has been extended to 08 Oct 2020 . Address for service - BABYHUGS DEVELOPMENTS PTY LTD PO BOX 129 Mermaid Beach QLD 4218 AU

2006

2006207819 **Dryden, G.** The time in which to pay a renewal fee has been extended to 18 Nov 2020 . Address for service - Graham Dryden 22 Lynslane Road LONGWOOD EAST VIC 3666 AU

2006249204 **JNZ Global** The time in which to pay a renewal fee has been extended to 28 Feb 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011230602 **Simpson Strong-Tie Company, Inc.** The time in which to pay the renewal fee has been extended to 25 Nov 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015286211 **Hoste, M.; Hoste, P.** The time in which to gain acceptance has been extended to 27 Jun 2021 . Address for service - Michael J.D. Hoste 12/2 Lamont Street WOLLSTONECRAFT NSW 2065 AU

2018

2018100684 **GUTTER-VAC PTY LTD** The time in which to pay the renewal fee has been extended to 20 Jan 2021 . Address for service - GUTTER-VAC PTY LTD PO Box 108 Albion DC QLD 4010 AU

2018379673 **GUILIN LAYN NATURAL INGREDIENTS CORP.** The time in which to enter the national phase has been extended to 08 Dec 2020 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2019

2019271949 **LG ELECTRONICS INC.** The time in which to gain acceptance has been extended to 02 Jul 2021 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland 1142 NZ

Extensions of Time, Section 223

2019358622 **BIOLOGICAL E LIMITED** The time in which to enter the National Phase has been extended to 12 Jun 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

Amendments

Applications for Amendment

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.

2010

2010201043 Dietary supplements and their use **Fertco Limited** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2010225465 Improved road barrier **Industrial Galvanizers Corporation Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 May 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2014

2014262374 A method of, and a system for, controlling a drilling operation **Technological Resources Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2021 . Address for service - BLACKWATTLE IP PTY LIMITED GPO Box 4310 Sydney NSW 2001 AU

2015

2015266795 System for analyzing vascular refill during short-pulse ultrafiltration in hemodialysis **Fresenius Medical Care Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2015282359 AERATION ENTRAINMENT, FRACTIONATION AND MIXING SYSTEM AND A METHOD OF USING SAME **Kim Eliot Henderson & Neil Terry Peterken ; Kliptank Limited** The nature of the amendment is: Amend the name of the inventor to read Peterken, Neil Terry . Address for service - James & Wells Intellectual Property Level 9 Nishi Building 2 Phillip Law Street Canberra ACT 2061 AU

2015311825 Low field magnetic resonance imaging methods and apparatus **HYPERFINE, INC.** The nature of the amendment is: Add inventor Fife, Keith . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2016

2016223005 Pool cleaner with optical out-of-water and debris detection **Hayward Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016314545 Pharmaceutical composition used for reducing localised fat and use of pharmaceutical composition **Caliway Biopharma-**

Amendments

ceuticals Co., Ltd. The nature of the amendment is as shown in the statement(s) filed 14 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016364438 Heat ray shielding microparticle, heat ray shielding microparticle dispersion solution, heat ray shielding film, heat ray shielding glass, heat ray shielding dispersion body, and heat ray shielding laminated transparent base material **Sumitomo Metal Mining Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 25 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016366310 Improved apelin receptor (APJ) agonists and uses thereof **Research Triangle Institute** The nature of the amendment is as shown in the statement(s) filed 26 May 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017301112 Sugar composition **Nutrition Science Design Pte. Ltd** The nature of the amendment is as shown in the statement(s) filed 27 May 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018

2018307743 Compounds and compositions for treating conditions associated with NLRP activity **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 27 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018312020 COUNTING METHOD AND COMMUNICATIONS APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018314548 Data encoding method and device, storage medium, and processor **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 L 15 241 Adelaide St Brisbane QLD 4001 AU

2019

2019279979 Methods of treating FGF21-associated disorders **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 27 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019341066 Antibody-drug conjugates and uses thereof **MabPlex International Co., Ltd.** The nature of the amendment is: Amend the priority details to read 201910723947.8 07 Aug 2019 CN . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2019904948 Method of construction **Preston Australia Pty Limited** The nature of the amendment is: Amend the applicant name to John Clement PRESTON . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2020

2020200728 Method for improving the sensitivity of detection in determining copy number variations **Verinata Health, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 May 2021 .

Amendments

Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020203278 Gaming system and method comprising monetary and non-monetary prizes **Chill Gaming Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2021

2021101092 ANTITHROMBOTIC HEPARINOID EXTRACTED FROM SHORT NECKED CLAM, PREPARATION METHOD AND USE THERE-OF **GUANGDONG OCEAN UNIVERSITY ; SHENZHEN INSTITUTE OF GUANGDONG OCEAN UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read DU, Zhenxing; CHEN, Jing; ZHOU, Siyi; JIA, Xuejing; CHEN, Jianping; LIU, Xiaofei; CAO, Xiaohuang; HONG, Pengzhi and ZHONG, Saiyi . Address for service - LEGALVISION ILP PTY. LTD. 100 Harris Street Pyrmont Sydney NSW 2009 AU

Amendments Made

2013

2013359199 **Massachusetts Institute of Technology; The Broad Institute, Inc.; President and Fellows of Harvard College** The nature of the amendment is as shown in the statement filed 11 Feb 2021

2015

2015100225 **SHIU LUNG KUNG FU PTY LTD** The nature of the amendment is: Amend the invention title to read Ardito Defence Academy

2015252101 **Illinois Tool Works Inc.** The nature of the amendment is: Application is to proceed under the number 2015101993

2015252101 **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement filed 21 May 2021

2015318702 **Temasek Life Sciences Laboratory Limited** The nature of the amendment is as shown in the statement filed 19 Feb 2021

2016

2016211049 **Marlow Foods Limited** The nature of the amendment is as shown in the statement filed 11 Feb 2021

2016232705 **Arvinas, Inc.; Yale University** The nature of the amendment is as shown in the statements filed 18 Feb 2021 and 5 Mar 2021

2016268514 **LANDA LABS (2012) LTD** The nature of the amendment is as shown in the statement filed 05 Feb 2021

2016271967 **Nisshin Steel Co., Ltd.** The nature of the amendment is as shown in the statement filed 26 May 2021

2016290887 **Breville Pty Limited** The nature of the amendment is: Amend the name of the inventor to read Widanagamage Don, Lochana Subasekara and Thomas, Mark Anthony

Amendments

2016294607 **Precision Planting LLC** The nature of the amendment is as shown in the statement filed 12 Mar 2021

2016353057 **Regents of the University of Minnesota** The nature of the amendment is as shown in the statement filed 01 Mar 2021

2017

2017221623 **Samsung Electronics Co., Ltd.** The nature of the amendment is: Amend the invention title to read Electronic device and method for displaying application used therein

2017260363 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Sidrauski, Carmela; Pliushchev, Marina; Frost, Jennifer M.; Black, Lawrence A.; Xu, Xiangdong; Sweis, Ramzi Farah; Shi, Lei; Zhang, Qingwei; Tong, Yunsong; Hutchins, Charles W.; Chung, Seungwon and Dart, Michael J.

2017260367 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Sidrauski, Carmela; Pliushchev, Marina; Frost, Jennifer M.; Black, Lawrence A.; Xu, Xiangdong; Sweis, Ramzi Farah; Shi, Lei; Zhang, Qingwei; Tong, Yunsong; Hutchins, Charles W.; Chung, Seungwon and Dart, Michael J.

2017260374 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Sidrauski, Carmela; Pliushchev, Marina; Frost, Jennifer M.; Black, Lawrence A.; Xu, Xiangdong; Sweis, Ramzi Farah; Shi, Lei; Zhang, Qingwei; Tong, Yunsong; Hutchins, Charles W.; Chung, Seungwon and Dart, Michael J.

2017261336 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Sidrauski, Carmela; Pliushchev, Marina; Frost, Jennifer M.; Black, Lawrence A.; Xu, Xiangdong; Sweis, Ramzi Farah; Shi, Lei; Zhang, Qingwei; Tong, Yunsong; Hutchins, Charles W.; Chung, Seungwon and Dart, Michael J.

2017283724 **Procyron, Inc.** The nature of the amendment is: Amend the name of the inventor to read Durst, Christopher A.; Heuring, Jason J.; Hertzog, Benjamin A.; Mitamura, Yoshinori and Benavides, Omar M.

2017298009 **Kunkel, B.** The nature of the amendment is: Application is to proceed under the number 2017101909

2017313255 **CDE Global Limited** The nature of the amendment is: Amend the invention title to read WASTE WATER TREATMENT SYSTEM

2017353359 **Lawson, C.** The nature of the amendment is: Application is to proceed under the number 2017101908

2018

2018202491 **Brian Cummins Group Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102215

2018241404 **iprotex GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read RADIALLY SHRINKABLE TEXTILE SLEEVE

2018246551 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Method for producing railway wheel and railway wheel

Amendments

2018328515 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 11 Mar 2021

2018358346 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; PLIUSHCHEV, Marina A.; FROST, Jennifer M.; TONG, Yunsong; BLACK, Lawrence A.; XU, Xiangdong; SHI, Lei; ZHANG, Qingwei; CHUNG, Seungwon; XIONG, Zhaoming; SWEIS, Ramzi Farah; DART, Michael J.; BROWN, Brian S. and MURAUSKI, Kathleen

2018360847 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; PLIUSHCHEV, Marina A.; TONG, Yunsong; XU, Xiangdong; ZHANG, Qingwei; SWEIS, Ramzi Farah and DART, Michael J.

2018360850 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; FROST, Jennifer M.; TONG, Yunsong; XU, Xiangdong; SHI, Lei; CHUNG, Seungwon; XIONG, Zhaoming; MURAUSKI, Kathleen; ZHANG, Qingwei; BROWN, Brian S. and DART, Michael J.

2018360853 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; FROST, Jennifer M.; TONG, Yunsong; XU, Xiangdong; CHUNG, Seungwon; ZHANG, Qingwei; SHI, Lei; MURAUSKI, Kathleen; DART, Michael J. and RANDOLPH, John T.

2018360855 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; PLIUSHCHEV, Marina A.; FROST, Jennifer M.; TONG, Yunsong; XU, Xiangdong; SHI, Lei; ZHANG, Qingwei; XIONG, Zhaoming; SWEIS, Ramzi Farah; DART, Michael J. and MURAUSKI, Kathleen

2018360857 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; FROST, Jennifer M.; PLIUSHCHEV, Marina A.; TONG, Yunsong; BLACK, Lawrence A.; XU, Xiangdong; SHI, Lei; ZHANG, Qingwei; CHUNG, Seungwon; SWEIS, Ramzi Farah; DART, Michael J.; RANDOLPH, John T. and MURAUSKI, Kathleen

2018384113 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Resin-Coated Metal Sheet for Container

2018450366 **ASICS Corporation** The nature of the amendment is: Amend the invention title to read Shoe sole member, shoe, and method for producing shoe sole member

2018450374 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning apparatus

2018451457 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning apparatus

Amendments

2019

2019204723 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 27 May 2021

2019261640 **Millennium Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 20 May 2021

2019287988 **Angel Playing Cards Co., Ltd.** The nature of the amendment is: Amend the invention title to read A device for exchanging gaming chips and cash currency

2019290197 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read FARNEY, Elliot; SHIROODI, Roohollah Kazem; XIONG, Zhaoming; ZHANG, Qingwei; O'CONNOR, Matthew; HALVORSEN, Geoff; ZHAO, Hongyu; BAUMGARTNER, Christina; FROST, Jennifer M.; KYM, Phil; ABBOTT, Jason R.; BOGDAN, Andrew; ECONOMOU, Christos and WANG, Xueqing

2019320957 **Alipay (Hangzhou) Information Technology Co., Ltd.** The nature of the amendment is as shown in the statement filed 05 Mar 2021

2019321697 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement filed 28 May 2021

2019339427 **Avery Dennison Retail Information Services, LLC** The nature of the amendment is: Amend the name of the inventor to read STERN, Mitchell; BROWN, Timothy; MISTYURIK, John; WATSON, Jan; MAURO, Roberto; GOMES DA COSTA, João Pedro and ROMO Jr., Jesus

2019344871 **XLIFESC, LTD.** The nature of the amendment is as shown in the statement filed 21 Apr 2021

2019351324 **ZTE Corporation** The nature of the amendment is as shown in the statements filed 11 May 2021

2019353974 **MATISA Materiel Industriel SA** The nature of the amendment is: Amend the invention title to read Method for fixing a rail of a rail track with thermal conditioning of a portion of the rail, and associated rail machine

2019354879 **Soletanche Freyssinet** The nature of the amendment is: Amend the invention title to read Spraying UHPFRC for reinforcement and regeneration of pre-existing structures

2019361288 **Compagnie Gervais Danone** The nature of the amendment is: Amend the invention title to read Strained acidic reduced carbohydrate dairy products

2019369421 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Add priority 62/863,617 19 Jun 2019 US

2019377656 **Castelli, V.M.** The nature of the amendment is: Amend the name of the inventor to read CASTELLI, Vittorio Mark

2019379418 **Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the invention title to read Anti-CDH6 antibody-pyrrolbenzodiazepine derivative conjugate

Amendments

2019382443 **Amicro Semiconductor Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Controlling Cleaning of Robot, Chip, and Robot Cleaner

2019386646 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read USER ACCESS CONTROL METHOD, INFORMATION SENDING METHOD, AND APPARATUS

2019388142 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read Feed additive composition and feed composition comprising the same

2019394086 **Tillotts Pharma AG** The nature of the amendment is: Amend the invention title to read DELAYED RELEASE DRUG FORMULATION COMPRISING AN OUTER LAYER WITH AN EZYMATICALLY DEGRADABLE POLYMER, ITS COMPOSITION AND ITS METHOD OF MANUFACTURING

2019395964 **KDDI Corporation** The nature of the amendment is: Amend the invention title to read Communication apparatus, communication method, and program for implementing coexistence with legacy system

2019405846 **Dong-A ST Co., Ltd.; KM Transderm Ltd.** The nature of the amendment is: Amend the invention title to read PERCUTANEOUS ABSORPTION PREPARATION COMPRISING STABILIZED DONEPEZIL

2019407124 **Walter Maschinenbau GmbH** The nature of the amendment is: Amend the invention title to read Axis arrangement for a machine tool

2019443098 **China University of Mining and Technology; China Mining & Civil New Material Science and Technology Ltd.; Boxia Mining Technology Ltd.** The nature of the amendment is: Amend the name of the inventor to read WANG, Xiangyu; BAI, Jianbiao; XIA, Junwu and YAN, Shuai

2019450140 **4D Mapper Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101803

2021

2021101410 **Slack Technologies, Inc.** The nature of the amendment is: Application is to proceed under number 2021203705

2021102246 **Institute of Grain and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences** The nature of the amendment is: Amend the invention title to read CULTURE MEDIUM FOR AGROBACTERIUM-MEDIATED TRANSFORMATION USING ANTHHER OF TRITICUM AESTIVUM CV. JIMAI 325

2021202461 **INGU Solutions Inc.** The nature of the amendment is: Amend the priority details to remove 3061922 02 Jul 2020 CA

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

2003

2003201516 **Advanced Production and Loading AS** The name of the patentee has been altered to **APL Norway AS**

Amendments

2011

2011248353 Brotech Corp., D/B/A Purolite The name of the patentee has been altered to **Purolite Corporation**

2011320825 Anvil International, LLC The name of the patentee has been altered to **ASC Engineered Solutions, LLC**

2012

2012272752 EcoTech Marine, LLC The name of the patentee has been altered to **EcoTech LLC**

2015

2015249553 Modernatx, Inc. The name of the applicant has been altered to **ModernaTX, Inc.**

2015311749 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2015311825 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2015311828 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2015311830 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2015346431 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2016

2016204388 Anvil International, LLC The name of the patentee has been altered to **ASC Engineered Solutions, LLC**

2016250077 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2016261914 Hyperfine Research, Inc. The name of the patentee has been altered to **HYPERFINE, INC.**

2016279192 5th Screen Digital Inc. The name of the patentee has been altered to **Inhalió, Inc.**

2016297926 5th Screen Digital Inc. The name of the applicant has been altered to **Inhalió, Inc.**

2016319304 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2017

2017236982 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2017246883 Phosplatin Therapeutics LLC The name of the applicant has been altered to **Phosplatin Therapeutics Inc.**

Amendments

2017295804 R.J. Reynolds Tobacco Products The name of the applicant has been altered to **R.J. Reynolds Tobacco Company**

2017335998 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2017351657 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2017363244 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2017363608 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2018

2018203617 Anvil International, LLC The name of the patentee has been altered to **ASC Engineered Solutions, LLC**

2018235156 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018296557 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018305183 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018322785 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018327339 Phosplatin Therapeutics LLC The name of the applicant has been altered to **Phosplatin Therapeutics Inc.**

2018350754 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018373415 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018373610 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018380956 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018380957 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018380959 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018380960 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

2018380962 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**

Amendments**2019**

- 2019201685 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019256553 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019264788 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**
- 2019270211 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**
- 2019272580 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019274404 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019276095 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**
- 2019278599 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**
- 2019289089 Baker Hughes, a GE company, LLC The name of the applicant has been altered to **BAKER HUGHES HOLDINGS LLC**
- 2019305068 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019313334 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019315441 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019315841 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019321607 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2019336311 Jennewein Biotechnologie GmbH The name of the applicant has been altered to **Chr. Hansen HMO GmbH**
- 2019377656 Castelli, Vottori Mark The name of the applicant has been altered to **Castelli, V.M.**
- 2019384157 Certego Therapeutics The name of the applicant has been altered to **Certego Therapeutics Inc.**
- 2019405138 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**

2020

- 2020104241 Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Science The name of the patentee has been

Amendments

- altered to **Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences**
- 2020200805 TurboChef Technologies, Inc. The name of the applicant has been altered to **Turbochef Technologies, LLC.**
- 2020204323 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2020901728 Eco Shield System Pty Ltd. The name of the applicant has been altered to **Eco Shield Systems Pty Ltd.**
- 2020901733 The University of Melbourne; Swinburne University ; University of Wollongong; St Vincent's Hospital (Melbourne) Limited The name of the applicant has been altered to **The University of Melbourne; Swinburne University of Technology; University of Wollongong; St Vincent's Hospital (Melbourne) Limited**
- 2020902723 Baker IDI Heart & Diabetes Institute Holdings Limited The name of the applicant has been altered to **Baker Heart and Diabetes Institute**
- 2020904847 Ena Therapeutics Pty Ltd The name of the applicant has been altered to **Axelia Oncology Pty Ltd**
- 2021**
- 2021101004 Shijiazhuang Railway University The name of the patentee has been altered to **Shijiazhuang Tiedao University**
- 2021102428 ShanDong University of Science and Technology The name of the applicant has been altered to **ShanDong University of Science and Technology; Li, Z.**
- 2021203286 Hyperfine Research, Inc. The name of the applicant has been altered to **HYPERFINE, INC.**
- 2021901218 POWERBLOCKS PTY LTD The name of the applicant has been altered to **LEUNG, J.**

Applications Open to Public Inspection

Name Index

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

(71) 1 Space Pty Ltd
 (11) AU-A-2021203202
 (21) 2021203202 (22) 18.05.2021
 (54) Modular Buildings
 (51) Int. Cl.
E04B 1/348 (2006.01)
E04B 1/343 (2006.01)
E04H 1/00 (2006.01)
 (43) 17.06.2021
 (62) 2019200056
 (72) Unger, Susan
 (74) Golja Haines & Friend

(71) 6 over 6 Vision Ltd.
 (11) AU-A-2021203178
 (21) 2021203178 (22) 18.05.2021
 (54) Apparatus, system and method of determining a pupillary distance
 (51) Int. Cl.
A61B 3/11 (2006.01)
 (43) 17.06.2021
 (62) 2016261275
 (72) Limon, Ofer
 (74) James & Wells Intellectual Property

(71) Accenture Global Solutions Limited
 (11) AU-A-2021203292
 (21) 2021203292 (22) 21.05.2021
 (54) UTILIZING ARTIFICIAL INTELLIGENCE TO PREDICT RISK AND COMPLIANCE ACTIONABLE INSIGHTS, PREDICT REMEDIATION INCIDENTS, AND ACCELERATE A REMEDIATION PROCESS
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (43) 17.06.2021
 (62) 2019283985
 (72) RETNA, San; NAYYAR, Tushant; BANSAL, Amit; MOHAN, Rithesh; NISAN, Rimon; PHAM, Jennifer
 (74) Murray Trento & Associates Pty Ltd

(71) Allysta Pharmaceuticals, Inc.
 (11) AU-A-2021203254
 (21) 2021203254 (22) 20.05.2021
 (54) Adiponectin peptidomimetics for treating ocular disorders
 (51) Int. Cl.
A61K 38/08 (2019.01)
C07K 7/06 (2006.01)
C07K 14/47 (2006.01)
 (43) 17.06.2021
 (62) 2016257724
 (72) HSU, Henry
 (74) Spruson & Ferguson

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2021203272
 (21) 2021203272 (22) 21.05.2021
 (54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TRANSTHYRETIN
 (51) Int. Cl.
A61K 31/13 (2006.01)
A61K 31/713 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C07H 21/02 (2006.01)
 (43) 17.06.2021
 (62) 2019216630
 (72) Sah, Dinah Wen-Yee; Hinkle, Gregory; Alvarez, Rene; Milstein, Stuart; Chen, Qingmin
 (74) Griffith Hack

(71) AMADEUS S.A.S.
 (11) AU-A-2020277252
 (21) 2020277252 (22) 27.11.2020
 (54) System and method of auxiliary data access
 (51) Int. Cl.
G06F 16/27 (2019.01)
 (31) 19 13438 (32) 29.11.19 (33) FR 16/699,220 29.11.19 US
 (43) 17.06.2021
 (72) LANDRA, Corinne Francoise Pascale; GALOPO, Michael Dominique Raymond
 (74) Griffith Hack

(71) AMADEUS S.A.S.
 (11) AU-A-2020277253
 (21) 2020277253 (22) 27.11.2020
 (54) System and method of differential access control of shared data
 (51) Int. Cl.
G06F 16/176 (2019.01)
 (31) 19 13441 (32) 29.11.19 (33) FR 16/699,205 29.11.19 US
 (43) 17.06.2021
 (72) BIGNOTTI, Catherine; ALBEROLA, Bertrand; LEROY, Veronique; HAYS, Jean-Chafic; BRUN, Pierre
 (74) Griffith Hack

(71) Apple Inc.
 (11) AU-A-2021203301
 (21) 2021203301 (22) 21.05.2021
 (54) Breathing sequence user interface
 (51) Int. Cl.
A61M 16/00 (2006.01)
G06F 3/00 (2006.01)
G06F 3/01 (2006.01)
G06F 3/048 (2013.01)

(43) 17.06.2021
 (62) 2020203453
 (72) BLAHNIK, Jay; ARNEY, Julie A.; BEBBINGTON, Samuel H.; BUTCHER, Gary Ian; FENNIS, Jules K.; JENKINS, Monica; LYNCH, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2021203263
 (21) 2021203263 (22) 20.05.2021
 (54) Surgical stapler with partial pockets
 (51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/064 (2006.01)
 (43) 17.06.2021
 (62) 2019202777
 (72) HOPKINS, Timothy; GADBERRY, Donald L.; BECERRA, Matthew M.; JASEMIAN, Babek; JOHNSON, Gary M.; DECKER, Steven E.
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020239714
 (21) 2020239714 (22) 24.09.2020
 (54) Electronic gaming machine and method
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 2019904507 (32) 29.11.19 (33) AU 43) 17.06.2021
 (72) MEYER, Jason; JAIN, Sanchit
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021203065
 (21) 2021203065 (22) 13.05.2021
 (54) A GAMING SYSTEM AND A METHOD OF MONITORING A GAMING DEVICE
 (51) Int. Cl.
A63F 9/24 (2006.01)
 (43) 17.06.2021
 (62) 2019203253
 (72) MCKAY, Linn Anthony
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021203314
 (21) 2021203314 (22) 24.05.2021
 (54) A GAMING MACHINE
 (51) Int. Cl.
A63F 3/00 (2006.01)
 (43) 17.06.2021
 (62) 2019222868
 (72) CRISPINO, Oliver; TAM, Billy; LOMBARDO, Paul
 (74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) Ausco Modular Pty Limited
 (11) AU-A-2020277259
 (21) 2020277259 (22) 27.11.2020
 (54) A Waterproofing Cover
 (51) Int. Cl.
E04D 3/366 (2006.01)
E04B 1/343 (2006.01)
E04D 13/15 (2006.01)
 (31) 2019904521 (32) 29.11.19 (33) AU
 (43) 17.06.2021
 (72) Paneni, Carlo
 (74) Davies Collison Cave Pty Ltd

(71) Baker Hughes Holdings, LLC
 (11) AU-A-2021203270
 (21) 2021203270 (22) 21.05.2021
 (54) Downhole tools and methods of controllably disintegrating the tools
 (51) Int. Cl.
E21B 29/02 (2006.01)
E21B 23/00 (2006.01)
 (43) 17.06.2021
 (62) 2018227338
 (72) Xu, Yingqing; Zhang, Zhihui; Satti, Rajani; Oberg, Levi; Bale, Derek Shelby; Noren, Kim Ann; Doxey, Dawne
 (74) FPA Patent Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2021203212
 (21) 2021203212 (22) 19.05.2021
 (54) Medical devices with visual and tactile indicators
 (51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/31 (2006.01)
A61M 39/10 (2006.01)
 (43) 17.06.2021
 (62) 2018249538
 (72) Di Ubaldi, John; Nagu, Thirumurugan
 (74) Dark IP

(71) BioAtla LLC
 (11) AU-A-2021203506
 (21) 2021203506 (22) 28.05.2021
 (54) Conditionally active biological proteins
 (51) Int. Cl.
C12N 15/09 (2006.01)
C07K 16/00 (2006.01)
C40B 40/10 (2006.01)
 (43) 17.06.2021
 (62) 2016222830
 (72) SHORT, Jay M.; CHANG, Hwai Wen; FREY, Gerhard
 (74) Allens Patent & Trade Mark Attorneys

(71) Black & Decker Inc.
 (11) AU-A-2021203281
 (21) 2021203281 (22) 21.05.2021
 (54) Shallow undercut concrete anchor
 (51) Int. Cl.
F16B 13/04 (2006.01)
F16B 13/06 (2006.01)
F16B 13/08 (2006.01)
F16B 13/12 (2006.01)

(43) 17.06.2021
 (62) 2016365744
 (72) Pregartner, Thilo; Cerbone, Mark; Chamberlain, Matthew
 (74) Davies Collison Cave Pty Ltd

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G08C 17/02 (2006.01)
G01R 15/20 (2006.01)
G01R 19/00 (2006.01)
G01R 29/08 (2006.01)
G01R 31/58 (2020.01)
G01R 33/02 (2006.01)
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G10L 15/22 (2006.01)
E21B 47/12 (2012.01)
G08C 17/02 (2006.01)
G10L 25/84 (2013.01)
H04W 4/33 (2018.01)
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 (51) Int. Cl.
H04N 19/12 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/18 (2014.01)
H04N 19/61 (2014.01)
H04N 19/70 (2014.01)
H04N 19/96 (2014.01)
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H04N 19/129 (2014.01)
H04N 19/119 (2014.01)
H04N 19/12 (2014.01)
H04N 19/122 (2014.01)

H04N 19/18 (2014.01)
H04N 19/60 (2014.01)
H04N 19/70 (2014.01)
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G03G 21/18 (2006.01)
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A61M 25/00 (2006.01)
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 (54) MACHINE AND METHOD OF MOVING UPPER STRUCTURE OF MACHINE
 (51) Int. Cl.
G05B 19/18 (2006.01)
E21B 7/02 (2006.01)
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E21B 44/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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B60T 8/32 (2006.01)
B60T 7/04 (2006.01)
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C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
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C12N 5/078 (2010.01)
G01N 33/48 (2006.01)

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C12N 15/00 (2006.01)
C07H 21/04 (2006.01)
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G06F 16/18 (2019.01)
G06F 16/182 (2019.01)
G06F 21/64 (2013.01)
G06Q 20/06 (2012.01)
G06Q 30/02 (2012.01)
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A63B 69/20 (2006.01)
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H04B 10/50 (2013.01)
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(54) Mineral silicate coating

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B32B 5/26 (2006.01)
B32B 5/02 (2006.01)
B32B 7/12 (2006.01)
B32B 21/02 (2006.01)
B32B 21/06 (2006.01)
B32B 21/10 (2006.01)
B44C 1/00 (2006.01)
B44C 5/04 (2006.01)
C09D 1/02 (2006.01)
E04C 2/26 (2006.01)

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A63F 1/00 (2006.01)
A63F 3/00 (2006.01)
G07F 17/32 (2006.01)

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A61B 5/053 (2021.01)
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A61B 17/17 (2006.01)
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
A61B 17/68 (2006.01)
A61B 17/88 (2006.01)
A61B 90/00 (2016.01)
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G01B 3/28 (2006.01)

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H04L 12/26 (2006.01)
G06F 13/00 (2006.01)

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A61K 9/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
C07H 21/02 (2006.01)

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A61K 45/06 (2006.01)
A61K 31/404 (2006.01)
A61K 31/435 (2006.01)
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A61K 31/4439 (2006.01)
A61K 31/47 (2006.01)
A61K 31/496 (2006.01)
A61K 31/498 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/506 (2006.01)
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A61K 31/519 (2006.01)
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F16L 27/12 (2006.01)
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A61K 35/761 (2015.01)
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B01D 15/22 (2006.01)
B01F 7/00 (2006.01)
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C07K 16/00 (2006.01)
A61K 38/00 (2006.01)
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F12P 21/08 (2006.01)
C12Q 1/68 (2018.01)

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E04H 12/00 (2006.01)
E04H 12/18 (2006.01)
E04H 12/32 (2006.01)
F21V 21/18 (2006.01)
G09F 17/00 (2006.01)
H02S 20/10 (2014.01)
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 (72) Rawson-Harris, Douglas
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 (51) Int. Cl.

B67D 7/04 (2010.01)
B60S 5/02 (2006.01)
B67D 7/00 (2010.01)
B67D 7/16 (2010.01)
B67D 7/58 (2010.01)
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G06Q 40/00 (2012.01)
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G06Q 10/00 (2012.01)
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 (51) Int. Cl.
E21D 21/00 (2006.01)
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B60F 5/02 (2006.01)
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A23D 9/00 (2006.01)
A23D 9/04 (2006.01)
C11B 3/04 (2006.01)
C11B 7/00 (2006.01)
C11C 1/00 (2006.01)
C11C 3/06 (2006.01)
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 (54) System, method, computer-accessible medium and apparatus for fast radioactive seed localization in intraoperative cone beam CT for Low-Dose-Rate prostate brachytherapy
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A61B 6/00 (2006.01)
A61B 8/00 (2006.01)
A61M 36/00 (2006.01)
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E02D 7/04 (2006.01)
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B60R 11/04 (2006.01)
B60R 21/015 (2006.01)
B60W 40/08 (2012.01)
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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.)

<p>(71) 4 Farmers Australia Pty Ltd (11) AU-A-2021102098 (21) 2021102098 (22) 21.04.2021 (54) METHOD FOR PREPARATION OF GLYPHOSATE COMPOSITION (51) Int. Cl. <i>A01N 25/22</i> (2006.01) <i>A01N 57/20</i> (2006.01) <i>A01P 13/00</i> (2006.01) <i>A01N 25/30</i> (2006.01) (31) 2020901288 (32) 24.04.20 (33) AU (45) 17.06.2021 (72) Patterson, Philip (74) Phillips Ormonde Fitzpatrick</p>	<p>(51) Int. Cl. <i>A61L 2/025</i> (2006.01) <i>A61L 2/10</i> (2006.01) (45) 17.06.2021 (72) Huang, Cuimai; Wang, Jianyuan; Lu, Qixiang; Huang, Mingfeng; Li, Rizhu (74) Alder IP Pty Ltd</p>	<p>(45) 17.06.2021 (72) Goston, Bernard (74) Goston AVend Pty Ltd</p>
<p>A, S. see Kavya, N.P. (21) 2021102149</p>	<p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (11) AU-A-2021102238 (21) 2021102238 (22) 29.04.2021 (54) A nursing pus suction device for infectious department use (51) Int. Cl. <i>A61M 1/00</i> (2006.01) (45) 17.06.2021 (72) Huang, Cuimai; Wang, Jianyuan; Lu, Qixiang; Huang, Mingfeng; Li, Rizhu (74) Alder IP Pty Ltd</p>	<p>ANAND, M. see Moyal, V. (21) 2021102346</p>
<p>A, S. see Devarajan, B. (21) 2021102254</p>	<p>Aggarwal, K. see Prasad, K.S. (21) 2021101814</p>	<p>Angeline, M.N. see Asha, P. (21) 2021102178</p>
<p>A, M. see Devarajan, B. (21) 2021102254</p>	<p>Ahmed, S. see R, K.P. (21) 2021102226</p>	<p>Ansari, V.A. see Gupta, A.K. (21) 2021102200</p>
<p>A., C. see R., M. (21) 2021102224</p>	<p>Ahmad, M. see Shahid, M. (21) 2021101310</p>	<p>Arul, K.T. see Manikandan, E. (21) 2021101319</p>
<p>Aalam, S. see koshariya, A.K. (21) 2021102217</p>	<p>(71) Aluminium Specialties Group Pty Ltd (11) AU-A-2017101903 (21) 2017101903 (22) 19.05.2017 (54) Multipart louvre blade assembly (51) Int. Cl. <i>E06B 7/08</i> (2006.01) <i>E04F 10/08</i> (2006.01) <i>E06B 9/26</i> (2006.01) <i>E06B 9/386</i> (2006.01) (31) 2016901880 (32) 19.05.16 (33) AU (45) 17.06.2021 (72) Ravese, Vince (74) FPA Patent Attorneys Pty Ltd</p>	<p>Asawa, K. see Gondkar, R. (21) 2021101712</p>
<p>Achanta, S.D.M. see Prasad, K.S. (21) 2021101814</p>	<p>(71) AMANTI Pty Ltd (11) AU-A-2021102068 (21) 2021102068 (22) 20.04.2021 (54) Modular, Fast, Chemical Free, Cup and Glass Sanitizer (51) Int. Cl. <i>A47J 31/44</i> (2006.01) <i>A47G 23/04</i> (2006.01) <i>A47L 15/00</i> (2006.01) <i>A61L 2/04</i> (2006.01) <i>A61L 2/07</i> (2006.01) <i>A61L 2/08</i> (2006.01) <i>A47J 39/02</i> (2006.01)</p>	<p>(71) Asha, P.; S, A.; Priya, K.; Gurusamy, D.; Baulkani, S.; Hussaini, M.M.; Angeline, M.N.; Manikandan, S.K.; Muthumari, R.; Rajavel, A. (11) AU-A-2021102178 (21) 2021102178 (22) 24.04.2021 (54) CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IoT NETWORKS (51) Int. Cl. <i>G16Y 30/10</i> (2020.01) <i>H04L 9/32</i> (2006.01) <i>H04L 29/06</i> (2006.01) <i>H04W 12/00</i> (2021.01) <i>H04W 12/062</i> (2021.01) <i>H04W 84/18</i> (2009.01) (45) 17.06.2021 (72) Asha, P.; S., Arjun.; Priya, Krishna; Gurusamy, Deivanai; Baulkani, S.; Hussaini, M. Mohammadha; Angeline, M. Nisha; Manikandan, S. K.; Muthumari, Rajesh; Rajavel, A. (74) Kevin raj</p>
<p>(71) Aero-Tech Pty Ltd (11) AU-A-2021102197 (21) 2021102197 (22) 26.04.2021 (54) Sweeper (51) Int. Cl. <i>E01H 1/04</i> (2006.01) <i>E01H 1/12</i> (2006.01) <i>E01H 15/00</i> (2006.01) (45) 17.06.2021 (62) 2020101384 (72) TOZER, Warwick; TOZER, Stuart (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (11) AU-A-2021102187 (21) 2021102187 (22) 26.04.2021 (54) A novel detoxification device for nursing and medical treatment</p>	<p>Balipa, M. see Kavya, N.P. (21) 2021102149</p>
<p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (11) AU-A-2021102187 (21) 2021102187 (22) 26.04.2021 (54) A novel detoxification device for nursing and medical treatment</p>	<p>Bansal, N. see Chandra Panda, R. (21) 2021102310</p>	<p>Baulkani, S. see Asha, P. (21) 2021102178</p>

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E21B 47/00 (2012.01)
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A01N 63/38 (2020.01)
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C12N 1/15 (2006.01)
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A63B 71/00 (2006.01)
A47B 47/00 (2006.01)
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C01B 11/06 (2006.01)
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A61L 2/18 (2006.01)
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C07K 19/00 (2006.01)
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(71) China University of Petroleum-Beijing
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E06B 7/28 (2006.01)
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SOLAR WINDOW SYSTEM
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(54) A HEIGHT MONITORING DEVICE
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APPLICABLE TO FLOOD DISASTER
AREAS
(51) Int. Cl.
E02D 15/04 (2006.01)
E02D 5/34 (2006.01)
G01B 7/14 (2006.01)
H03K 17/955 (2006.01)
(45) 17.06.2021
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H04W 4/029 (2018.01)
G01S 11/06 (2006.01)
G16H 50/80 (2018.01)
H04W 4/02 (2018.01)
H04W 4/12 (2009.01)
H04B 17/318 (2015.01)

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(74) Stellar Law Pty Ltd

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(54) MULTIMEDIA CONFERENCING PLATFORM AND METHOD
(51) Int. Cl.
H04N 7/15 (2006.01)
H04L 12/18 (2006.01)
H04L 29/06 (2006.01)
G06F 21/32 (2013.01)
G06K 9/00 (2006.01)
H04M 1/72469 (2021.01)
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(21) 2021102213 **(22)** 27.04.2021
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(51) Int. Cl.
A61H 39/04 (2006.01)
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A61H 15/00 (2006.01)
A63B 21/22 (2006.01)
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(51) Int. Cl.
G06Q 10/08 (2012.01)
G06F 21/62 (2013.01)
H04L 9/06 (2006.01)
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(21) 2021102237

(71) Goston AVend Pty Ltd
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(21) 2021102185 **(22)** 25.04.2021
(54) Very Fast, Chemical Free, Sanitizer for Baby Bottles and Baby Eating and Drinking Utensils
(51) Int. Cl.
A61L 2/04 (2006.01)
A61L 2/07 (2006.01)
A61L 2/08 (2006.01)
A47L 15/42 (2006.01)
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(72) Goston, Bernard
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(51) Int. Cl.
A23L 7/104 (2016.01)
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(74) Remarkable IP

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G01N 21/77 (2006.01)
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C12N 5/0775 (2010.01)
A61K 35/28 (2015.01)
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G08G 1/14 (2006.01)

G06Q 20/14 (2012.01)

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(71) Hangzhou dahua instrument manufacturing co., LTD; China Jiliang University

(11) AU-A-2021102252

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(54) A calibration method and device for the responsivity parameters of an array terahertz detector

(51) Int. Cl.

G01J 1/02 (2006.01)

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H01S 3/13 (2006.01)

G02F 1/11 (2006.01)

H01S 3/131 (2006.01)

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(51) Int. Cl.

A23K 50/30 (2016.01)

A23K 10/22 (2016.01)

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A23K 20/142 (2016.01)

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(71) Hebei University of Science and Technology; Shijiazhuang Panjiang Technology Co., Ltd

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(54) Aramid and nickel-iron fiber blended yarn and its preparation process

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D02G 3/04 (2006.01)

D02G 1/02 (2006.01)

D02G 3/44 (2006.01)

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(11) AU-A-2021102219

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(54) Preparation and Application of Novel Aminated Adsorbent Material

(51) Int. Cl.

B01J 20/04 (2006.01)

B01J 20/32 (2006.01)

C02F 1/28 (2006.01)

C07D 221/14 (2006.01)

C02F 1/62 (2006.01)

C02F 101/20 (2006.01)

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(54) Microcapsule Material

(51) Int. Cl.

B09C 1/08 (2006.01)

B01J 13/20 (2006.01)

C08K 3/26 (2006.01)

C08L 29/04 (2006.01)

C08L 23/06 (2006.01)

C08L 79/02 (2006.01)

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(54) Mesh Fabric for Heavy Metal Ions in Water Bodies

(51) Int. Cl.

C02F 1/28 (2006.01)

D03D 15/283 (2021.01)

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C02F 101/20 (2006.01)

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HOJJAT, Y. see KARAMOOZIAN, A.

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(71) Hunan University of Science and Technology

(11) AU-A-2021102257

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(54) METHOD AND SYSTEM FOR CO-ORDINATED CONTROL OF WIND ENERGY HARVESTING AND STABILITY OF DEEP-SEA SEMI-SUBMERSIBLE WIND TURBINE

(51) Int. Cl.

F03D 7/04 (2006.01)

B63B 35/44 (2006.01)

F03D 13/25 (2016.01)

G05D 1/08 (2006.01)

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Huynh, M. see Scott, D.

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(21) 2021101310

(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences

(11) AU-A-2021102299

(21) 2021102299 (22) 30.04.2021

(54) METHOD AND SYSTEM FOR CONTROLLING WATERSHED NON-POINT SOURCE (NPS) POLLUTION

(51) Int. Cl.

G05B 13/04 (2006.01)

G06F 16/29 (2019.01)

G06Q 50/02 (2012.01)

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G01R 33/00 (2006.01)

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A01H 4/00 (2006.01)

C12N 5/04 (2006.01)

A01H 6/46 (2018.01)

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(54) AUXILIARY DEVICE FOR RESTORING MINE VEGETATION AND METHOD FOR RESTORING THE DEVICE

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A01G 17/14 (2006.01)

A01G 13/02 (2006.01)

E02D 17/20 (2006.01)

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(54) Push Release Magnet Assembly

(51) Int. Cl.

F16B 1/00 (2006.01)

H01F 7/02 (2006.01)

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(71) Jiangxi University of science and technology; Xinyu Iron and Steel Co., Ltd

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(54) Method for quickly determining yttrium content in steel by using full spectrum spark direct reading spectrometry

(51) Int. Cl.

G01N 21/3563 (2014.01)

C22C 33/06 (2006.01)

C22C 38/00 (2006.01)

C22C 38/02 (2006.01)

C22C 38/04 (2006.01)

C22C 38/06 (2006.01)

C22C 38/12 (2006.01)

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(71) Jilin Agricultural University; Jilin Province Zhongzhenghe Technology Co., Ltd.

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(54) Ganoderma Lucidum Spore Powder Functional Chocolate Chip and Preparation Method Thereof

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A23G 1/42 (2006.01)

C12N 13/00 (2006.01)

A23G 1/40 (2006.01)

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E21D 21/00 (2006.01)

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F16B 13/08 (2006.01)

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Yunan Academy of Agricultural Sciences

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B60T 8/176 (2006.01)

B60T 8/1755 (2006.01)

B60W 30/095 (2012.01)

B60W 30/18 (2012.01)

B60W 40/10 (2012.01)

B60W 50/00 (2006.01)

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G06Q 20/38 (2012.01)
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(54) A TECHNIQUE TO REFINE AN MAPPING AND MODELLING PEST AND DISEASE SPREAD
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G06Q 50/02 (2012.01)
G16H 50/80 (2018.01)
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(54) A SYSTEM FOR DETERMINING DAY FROM DATE
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G06Q 10/00 (2012.01)
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(31) 202121006225 (32) 15.02.21 (33) IN
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(72) Kulkarni, Mahesh
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(54) A process for fabricating aluminum, boron carbide-based aluminum matrix composites using powder metallurgy route
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C22C 32/00 (2006.01)
B22F 3/14 (2006.01)
C22C 21/08 (2006.01)
C22C 45/08 (2006.01)
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G06F 9/50 (2006.01)

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H04L 29/08 (2006.01)
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A23B 4/005 (2006.01)
A23B 4/20 (2006.01)
A23B 4/24 (2006.01)
A23L 3/3472 (2006.01)
A23L 3/3499 (2006.01)
A23L 13/00 (2016.01)
B65B 55/10 (2006.01)
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A01C 5/06 (2006.01)
A01G 22/00 (2018.01)
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(11) AU-A-2021102198
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E21B 33/13 (2006.01)
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G01N 21/3586 (2014.01)
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B62B 3/14 (2006.01)
G06Q 10/08 (2012.01)
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H02J 9/06 (2006.01)
G01C 9/06 (2006.01)
G08C 17/02 (2006.01)
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(72) WANG, Dekuang
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2021101310		2021102162	2021102323	2021102170	
2021102223	<u>C08K 7 /-</u>	2021102316		2021102171	<u>F24S 23 /-</u>
2021102285			<u>E01F 15 /-</u>	2021102172	
2021102286	2021102212	<u>C12R 1 /-</u>			2021102310
			2021102323	<u>E06B 3 /-</u>	
<u>C02F 3 /-</u>	<u>C08L 23 /-</u>	2021102206			<u>F24S 50 /-</u>
			<u>E01F 5 /-</u>	2021102146	
2021102223	2021102239	<u>C13B 10 /-</u>			2021102258
			2021102283	<u>E06B 7 /-</u>	
<u>C05F 17 /-</u>	<u>C08L 27 /-</u>	2021102296			<u>G01B 7 /-</u>
		2021102297	<u>E01H 1 /-</u>	2017101903	
2021102328	2021102215			2021102142	2021102235
		<u>C13B 20 /-</u>	2021102197	2021102146	
<u>C05F 3 /-</u>	<u>C08L 29 /-</u>			2021102258	<u>G01C 9 /-</u>
		2021102296	<u>E01H 15 /-</u>		
2021102328	2021102239	2021102297		<u>E06B 9 /-</u>	2021102359
			2021102197		
<u>C07B 37 /-</u>	<u>C08L 67 /-</u>	<u>C13B 30 /-</u>		2017101903	<u>G01G 19 /-</u>
			<u>E02B 17 /-</u>	2021102142	
2021102174	2021102212	2021102296		2021102146	2021102132
		2021102297	2021102323		
<u>C07C 11 /-</u>	<u>C08L 79 /-</u>			<u>E21B 33 /-</u>	<u>G01G 23 /-</u>
		<u>C13B 40 /-</u>	<u>E02D 15 /-</u>		
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		2021102296	2021102235		
<u>C07C 6 /-</u>	<u>C09K 101 /-</u>			<u>E21B 43 /-</u>	<u>G01J 1 /-</u>
		2021102297	<u>E02D 17 /-</u>		
2021102174	2021102212	<u>C13B 50 /-</u>		2021102298	2021102252
			2021102279		
<u>C07D 221 /-</u>	<u>C09K 11 /-</u>	<u>C22C 21 /-</u>	<u>E02D 5 /-</u>	<u>E21B 47 /-</u>	<u>G01L 1 /-</u>
2021102219	2021102302	<u>C22C 21 /-</u>	<u>E02D 5 /-</u>	2021102158	2021102322
		2021101683			
<u>C07D 493 /-</u>	<u>C09K 17 /-</u>		<u>E03F 5 /-</u>	<u>E21D 20 /-</u>	<u>G01L 5 /-</u>
		2021101683			
2021102161	2021102212	<u>C22C 32 /-</u>	2021102194	2019101798	2021102322
<u>C07F 15 /-</u>	<u>C09K 8 /-</u>		<u>E04C 2 /-</u>	<u>E21D 21 /-</u>	<u>G01N 1 /-</u>
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2021102174	2021102198	<u>C22C 33 /-</u>	2021102194	2019101798	2021102203
	2021102298				2021102223
<u>C07F 3 /-</u>		2021102203	<u>E04F 10 /-</u>	<u>F03D 13 /-</u>	2021102242
	<u>C12N 1 /-</u>				2021102338
2021101310		<u>C22C 38 /-</u>	2017101903	2021102257	
	2021102206				<u>G01N 21 /-</u>
<u>C07H 15 /-</u>	<u>C12N 13 /-</u>	2021102203	<u>E04F 15 /-</u>	<u>F03D 7 /-</u>	2021101310
					2021101319
2021102118	2021102274	<u>C22C 45 /-</u>	2021102194	2021102257	2021102162
					2021102203
<u>C07K 19 /-</u>	<u>C12N 15 /-</u>	2021101683	<u>E04F 19 /-</u>	<u>F03D 80 /-</u>	2021102208
					2021102209
2021102284	2021102206	<u>C23C 4 /-</u>	2021102194	2021102254	2021102210
	2021102284				2021102252
<u>C08F 2 /-</u>	2021102324	2021102277	<u>E04G 1 /-</u>	<u>F16B 1 /-</u>	2021102313
2021102161		<u>D02G 1 /-</u>	2021102194	2021102249	
	<u>C12N 5 /-</u>				<u>G01N 23 /-</u>
<u>C08F 212 /-</u>		2021101913	<u>E04H 15 /-</u>	<u>F16B 13 /-</u>	
	2021102200				2021101310
2021102161	2021102246	<u>D02G 3 /-</u>		2019101798	
	2021102324		2021102191		
		2021101913			

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<u>G01N 24 /-</u>	<u>G06F 17 /-</u>	2021102264 2021102278 2021102316	<u>G06T 5 /-</u>	2021102178	<u>H04L 29 /-</u>
2021102118	2021102183 2021102208 2021102209		2021101814 2021102192 2021102276	<u>H01F 7 /-</u>	2021102177 2021102178 2021102180 2021102261 2021102263 2021102266 2021102268 2021102275
<u>G01N 3 /-</u>	2021102210 2021102262 2021102263	<u>G06N 5 /-</u>	<u>G06T 7 /-</u>	<u>H01L 31 /-</u>	
2021102214	2021102267 2021102268 2021102301	2021102181 2021102262 2021102301 2021102316 2021102318	2021102190 2021102192 2021102276	2021102142 2021102146 2021102302	
<u>G01N 30 /-</u>					
2021101724					
<u>G01N 33 /-</u>	<u>G06F 21 /-</u>	<u>G06N 7 /-</u>	<u>G07F 17 /-</u>	<u>H01L 35 /-</u>	<u>H04L 9 /-</u>
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<u>G01R 33 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 10 /-</u>	<u>G07F 7 /-</u>	<u>H01S 3 /-</u>	<u>H04M 1 /-</u>
2021102140	2021102221	2021101615 2021101712 2021102165 2021102307 2021102314 2021102318 2021102344	2021102164	2021102321 2021102358	2021102180
<u>G01S 11 /-</u>	<u>G06F 30 /-</u>		<u>G07F 9 /-</u>	<u>H01S 5 /-</u>	<u>H04M 7 /-</u>
2021102220	2021102158		2021102164	2021102358	2021102180
<u>G02B 27 /-</u>	<u>G06F 40 /-</u>	<u>G06Q 20 /-</u>	<u>G07G 1 /-</u>	<u>H02J 9 /-</u>	<u>H04N 7 /-</u>
2021102230	2021102175	2021101728 2021102149 2021102165 2021102339	2021102165	2021102359	2021102180
<u>G02C 11 /-</u>	<u>G06F 8 /-</u>	<u>G06Q 30 /-</u>	<u>G08C 17 /-</u>	<u>H02P 25 /-</u>	<u>H04Q 9 /-</u>
2021102230	2021102262	2021102314 2021102339 2021102346	2021102310 2021102359	2021102237	2021102310
<u>G02F 1 /-</u>	<u>G06F 9 /-</u>	<u>G06Q 40 /-</u>	<u>G08G 1 /-</u>	<u>H02P 29 /-</u>	<u>H04R 1 /-</u>
2021102321	2021102275 2021102307	2021102165 2021102357	2021102314 2021102339 2021102346	2021102237	2021101578 2021102230
<u>G05B 13 /-</u>	<u>G06K 19 /-</u>	<u>G06Q 50 /-</u>	<u>G10K 11 /-</u>	<u>H02S 20 /-</u>	<u>H04R 25 /-</u>
2021101445 2021102266 2021102299 2021102301	2021102300	2021102179	2021101578	2021102142 2021102146	2021101578
<u>G05B 15 /-</u>	<u>G06K 9 /-</u>	<u>G06Q 90 /-</u>	<u>G10L 15 /-</u>	<u>H02S 30 /-</u>	<u>H04R 5 /-</u>
2021102275	2021102180 2021102192 2021102208 2021102209 2021102210 2021102226 2021102263 2021102276	2021102217 2021102278 2021102299 2021102300 2021102318 2021102357	2021102175 2021102195	2021102142 2021102146	2021102230
<u>G05B 23 /-</u>		<u>G06Q 90 /-</u>	<u>G10L 21 /-</u>	<u>H02S 40 /-</u>	<u>H04W 12 /-</u>
2021101445 2021102237		2021102179	2021101578	2021102146	2021102177 2021102178 2021102266
<u>G05D 1 /-</u>	<u>G06N 20 /-</u>	<u>G06T 11 /-</u>	<u>G16B 40 /-</u>	<u>H03K 17 /-</u>	<u>H04W 4 /-</u>
2021102257	2021102149 2021102175 2021102183 2021102226 2021102267	2021102192	2021102316	2021102235	2021102220 2021102268 2021102310
<u>G06F 1 /-</u>		<u>G06T 15 /-</u>	<u>G16H 10 /-</u>	<u>H04B 17 /-</u>	<u>H04W 40 /-</u>
2021101615		2021102190 2021102192	2021102248	2021102220 2021102268	2021102224 2021102268
<u>G06F 11 /-</u>		<u>G06T 17 /-</u>	<u>G16H 30 /-</u>	<u>H04K 3 /-</u>	
2021102181		2021102158	2021102226	2021102266	
<u>G06F 16 /-</u>	<u>G06N 3 /-</u>	<u>G06T 3 /-</u>	<u>G16H 50 /-</u>	<u>H04L 12 /-</u>	<u>H04W 52 /-</u>
2021102221 2021102299	2021102175 2021102183 2021102226 2021102261 2021102262	2021102190 2021102190	2021102217 2021102220 2021102226 2021102248 2021102316	2021102180	2021102224
			<u>G16Y 30 /-</u>	<u>H04L 25 /-</u>	<u>H04W 8 /-</u>
			2021102177	2021102308	2021102220
				<u>H04L 27 /-</u>	<u>H04W 84 /-</u>
				2021102308	2021102178 2021102224

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2021102263
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<p>(71) 3M Innovative Properties Company (11) AU-A-2019401968 (21) 2019401968 (22) 18.12.2019 (54) Flexible hardgoods with enhanced peel removability (51) Int. Cl. A47G 1/17 (2006.01) A47G 1/16 (2006.01) A47G 25/32 (2006.01) A47G 29/087 (2006.01) (87) WO2020/128911 (31) 62/781,888 (32) 19.12.18 (33) US (43) 25.06.2020 (72) KHODAPARAST, Payam; ANDERSON, Erik M.; WEBER, Kevin W. (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Abbott Diabetes Care Inc. (11) AU-A-2020216325 (21) 2020216325 (22) 28.01.2020 (54) Analyte sensors and sensing methods featuring dual detection of glucose and ketones (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) (87) WO2020/159956 (31) 62/797,566 (32) 28.01.19 (33) US 62/884,869 09.08.19 US (43) 06.08.2020 (72) FELDMAN, Benjamin J.; SLOAN, Mark K.; KUMAR, Ashwin; KIAIE, Namvar; LOVE, Michael R. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Adama Makhteshim Ltd. (11) AU-A-2019374510 (21) 2019374510 (22) 04.11.2019 (54) Mixtures and compositions comprising 5-fluoro-4-imino-3-methyl-1-tosyl-3,4-dihydropyrimidin-2-one, and methods of use thereof (51) Int. Cl. A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/12 (2006.01) A01N 25/30 (2006.01) A01N 43/54 (2006.01) A01P 3/00 (2006.01) C07D 239/47 (2006.01) (87) WO2020/095181 (31) 62/755,866 (32) 05.11.18 (33) US (43) 14.05.2020 (72) SHABTAI, Sami; SHEFFER, Noam; LERNER YARDENI, Jenny; SLOAN, James (74) Spruson & Ferguson</p>
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A61M 5/142 (2006.01)
F04B 53/16 (2006.01)
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A61N 1/36 (2006.01)
F04B 51/00 (2006.01)
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 A61K 31/33 (2006.01)
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F41H 7/00 (2006.01)
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 A61K 45/06 (2006.01)
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C25B 9/17 (2021.01)
C25B 9/70 (2021.01)
H01M 8/0258 (2016.01)
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 C07H 1/08 (2006.01)
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C07D 261/04 (2006.01)
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C07D 261/04 (2006.01)
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B33Y 30/00 (2015.01)
B29C 64/209 (2017.01)
C12N 5/00 (2006.01)
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C23C 2/06 (2006.01)
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C23C 2/40 (2006.01)
C23C 22/23 (2006.01)
C23C 28/00 (2006.01)
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A61K 47/60 (2017.01)
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A61P 17/02 (2006.01)
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C07D 231/12 (2006.01)
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A01C 21/00 (2006.01)
A01C 23/04 (2006.01)
A01G 25/16 (2006.01)
A01M 7/00 (2006.01)
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A23C 1/08 (2006.01)
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G01R 19/165 (2006.01)
G01R 21/06 (2006.01)
G06F 30/00 (2020.01)
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B05B 7/14 (2006.01)
B28C 7/10 (2006.01)
E04G 21/02 (2006.01)
E21D 11/10 (2006.01)
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 B25B 1/02 (2006.01)
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 A23L 33/185 (2016.01)
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H05H 1/24 (2006.01)
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 A47L 9/30 (2006.01)
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 G01C 21/00 (2006.01)
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 G01S 5/06 (2006.01)
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 G02B 5/04 (2006.01)
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 H01H 73/40 (2006.01)
 (87) WO2020/108624
 (31) 201811470300.0 (32) 30.11.18 (33) CN
 201822001335.1 30.11.18 CN
 201911024772.8 25.10.19 CN
 (43) 04.06.2020
 (72) LIU, Jin; LI, Jie; ZHU, Jun; LI, Luobin
 (74) IP SOLVED (ANZ) PTY. LTD.
-
- (71) Zimmer Biomet CMF and Thoracic, LLC
 (11) AU-A-2019397164
 (21) 2019397164 (22) 13.12.2019
 (54) Bone fixation and repair system
 (51) Int. Cl.
 A61B 17/80 (2006.01)
 A61B 17/68 (2006.01)
 A61B 17/70 (2006.01)
 (87) WO2020/123996
 (31) 62/779,747 (32) 14.12.18 (33) US
 (43) 18.06.2020
 (72) DAVISON, Andrew Charles; KREMER, Kenneth Carlton
 (74) Phillips Ormonde Fitzpatrick
-
- (71) ZTE Corporation
 (11) AU-A-2019372678
 (21) 2019372678 (22) 01.11.2019
 (54) Control channel detection and information element transmission methods and apparatuses, device and storage medium
 (51) Int. Cl.
 H04L 5/00 (2006.01)
 (87) WO2020/088663
 (31) 201811302877.0 (32) 02.11.18 (33) CN
 (43) 07.05.2020
 (72) ZHANG, Shujuan; LU, Zhaohua; JIANG, Chuangxin; LI, YuNgok; GAO, Bo; WU, Hao; HE, Zhen
 (74) Davies Collison Cave Pty Ltd
-
- (71) ZTE Corporation
 (11) AU-A-2019373174
 (21) 2019373174 (22) 01.11.2019
 (54) Method and device for determining quasi-collocation reference signal, network device, and storage medium
 (51) Int. Cl.
 H04L 5/00 (2006.01)
 H04W 16/28 (2009.01)
 (87) WO2020/088661
 (31) 201811303667.3 (32) 02.11.18 (33) CN
 (43) 07.05.2020
 (72) ZHANG, Shujuan; LU, Zhaohua; LI, YuNgok; GAO, Bo; JIANG, Chuangxin; CHEN, Yijian; XIAO, Huahua
 (74) Davies Collison Cave Pty Ltd

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2018316256	Ohio State Innovation Foundation; Yu, J.; Caligiuri, M.; Xu, B.	2019374055	Magenta Therapeutics, Inc.
2018348789	Weir Minerals Australia Ltd	2019374102	Humanigen, Inc.; Mayo Foundation for Medical Education and Research
2018379673	Guilin Layn Natural Ingredients Corp.	2019374135	University of Maryland, Baltimore
2018422478	Sepulveda Gutierrez, D.; Gutierrez Lepe, R.E.; Dsg Ingenieria SpA	2019374471	Millet Innovation
2018447495	Fosun Orinove Pharmatech, Inc.	2019374510	Adama Makhteshim Ltd.
2018447611	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019374529	String Bio Private Limited
2018447770	Southern Fabrication Works LLC	2019374733	UBIQ Technology Pty Ltd
2018448455	Arugga A.I Farming Ltd	2019374800	Cook Regentec LLC
2018450122	Genesys Telecommunications Laboratories, Inc.,	2019375200	Augury Systems Ltd.
2018450366	ASICS Corporation	2019375450	Vivet Therapeutics
2018451574	Dow Global Technologies LLC	2019375473	Above Below Ltd
2018451747	Genentech, Inc.; F. Hoffmann-La Roche AG	2019375808	Jiangsu Hengrui Medicine Co., Ltd.; Suzhou Suncadia Biopharmaceuticals Co., Ltd.
2018453979	Mitsubishi Electric Corporation	2019375975	Allen Institute
2018455860	NTT DOCOMO, INC.	2019375976	Film It Live, Inc; Salvesen, C.
2019300565	Stephenson, G.	2019376088	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019314465	Hugo, E.	2019376429	Xerotech Limited
2019334630	IHI Corporation; IHI Inspection and Instrumentation Co., Ltd.	2019376514	N.S. Oils Ltd.
2019339582	Novartis AG	2019376632	Xyphos Biosciences Inc.
2019357834	WONG, Pui Ling	2019376870	Roquette Freres
2019358216	W.C. Bradley Co.	2019376891	BioLumic Limited
2019358622	Biological E Limited	2019377122	Figene, LLC
2019363630	Springworks Farm Maine Inc.	2019377882	Mariposa Therapeutics Ltd.
2019367010	Molecular Stethoscope, Inc.	2019378252	SkyVenture International (UK) Ltd.
2019367853	Citrix Systems, Inc.	2019378590	Bobrick Washroom Equipment, Inc.
2019368519	Shandong University	2019378591	Codiak BioSciences, Inc.
2019369338	AgBiome, Inc.	2019378874	AVM Biotechnology, LLC
2019369395	Cognixion	2019378879	Biospan Technologies, Inc.
2019369551	Kumiai Chemical Industry Co., Ltd.	2019379589	Element Biosciences, Inc.
2019369587	Kumiai Chemical Industry Co., Ltd.	2019379617	Mira Labs, Inc.
2019370034	MBS International AS	2019379706	Jiangsu Hengrui Medicine Co., Ltd.
2019370131	W. L. Gore & Associates, Inc.	2019379805	United States Gypsum Company
2019370153	Shah, N.	2019379840	Shower Shield Limited
2019370367	Magenta Therapeutics, Inc.	2019379953	Alipay (Hangzhou) Information Technology Co., Ltd.
2019370476	The Brigham and Women's Hospital, Inc.	2019379955	Hochschule Trier - Trier University Of Applied Sciences
2019370550	Life Technologies Corporation	2019380035	Fundación Profesor Novoa Santos
2019370561	Arbutus Biopharma Corporation	2019380380	Alipay (Hangzhou) Information Technology Co., Ltd.
2019370896	Ancestry.com DNA, LLC	2019380568	Debiopharm International S.A.
2019371087	WIAB Water Innovation AB	2019380874	Fiber Sense Pty Ltd
2019371088	WIAB Water Innovation AB	2019381386	Mitsubishi Tanabe Pharma Corporation; Osaka University
2019371161	Arizona Board of Regents on Behalf of the University of Arizona	2019381460	Astellas Pharma Inc.; Modalis Therapeutics Corporation
2019371359	AMSTED Rail Company, Inc.	2019381809	Emory University
2019371364	Citrix Systems, Inc.	2019381820	WEG Surgical Solutions, LLC
2019371417	Berkeley Lights, Inc.	2019381980	Alipay (Hangzhou) Information Technology Co., Ltd.
2019371616	Daikin Industries, Ltd.	2019382040	Huawei Technologies Co., Ltd.
2019371814	Biogen MA Inc.; National Research Council of Canada	2019382420	Wonderland Nurserygoods Co., Ltd.
2019372123	Molecular Stethoscope, Inc.	2019382443	Amicro Semiconductor Co., Ltd.
2019372125	Johnson, B.C.; Preston, D.A.; Round River Research Corporation	2019382849	Mincon International Limited
2019372164	inTHEna Srl	2019382862	Fondazione Telethon; Università degli Studi di Palermo
2019372292	Niantic, Inc.	2019382966	Tokamak Energy Ltd
2019372375	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2019382990	RAI Strategic Holdings, Inc.
2019372428	Grey Matter Medical Products	2019383021	Telefonaktiebolaget LM Ericsson (Publ)
2019372535	Kumiai Chemical Industry Co., Ltd.	2019383284	HyET Holding B.V.
2019372642	China Agricultural University	2019383400	Hollister Incorporated
2019372678	ZTE Corporation	2019383570	RAI Strategic Holdings, Inc.
2019373133	Molecular Stethoscope, Inc.	2019383778	RAI Strategic Holdings, Inc.
2019373154	Renovia Inc.	2019383789	R.J. Reynolds Tobacco Company
2019373174	ZTE Corporation	2019384016	Huawei Technologies Co., Ltd.
2019373206	MyoKardia, Inc.	2019384023	Baker Hughes Holdings LLC
2019373462	Endogene Limited	2019384115	Board of Regents, The University of Texas System
2019373486	Nanovision Technology (Beijing) Co., Ltd.	2019384142	Hollister Incorporated
2019373820	Hoya Corporation	2019384147	Bioprotonics, Inc.
		2019384157	Certego Therapeutics
		2019384163	Saf-Gard Safety Shoe Co.
		2019384465	HyET Holding B.V.

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2019384472	Citrix Systems, Inc.	2019389031	Chemocentryx, Inc.
2019384587	Cho, W.	2019389048	HDL Therapeutics, Inc
2019384646	NFlection Therapeutics, Inc.	2019389098	LAMONT, C.
2019384691	MA Industries, LLC	2019389100	ConeTech, Inc.
2019384802	Elevar Therapeutics, Inc.	2019389108	Virogin Biotech Canada Ltd
2019384820	Endomet Biosciences, Inc.	2019389139	Spraying Systems Co.
2019384926	RAI Strategic Holdings, Inc.	2019389141	Cellphire, Inc.
2019385497	Cornell University	2019389145	Iconex LLC
2019385725	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung eingetragener Verein	2019389149	President and Fellows of Harvard College
2019385743	Lightcast Discovery Ltd	2019389169	Comet Therapeutics, Inc.
2019385802	Cisco Technology, Inc.	2019389171	Carnegie Mellon University
2019386018	Qingdao KingAgroot Chemical Compound Co., Ltd.	2019389281	BP Exploration Operating Company Limited
2019386057	Club Car LLC	2019389346	Atmonia ehf.
2019386117	Vetco Gray Scandinavia AS	2019389594	Fujitsu General Limited
2019386137	Evapco, Inc.	2019389858	Quantum Machines
2019386250	SWM Luxembourg	2019390047	Nipro Corporation
2019386279	Bp Exploration Operating Company Limited; LYTT Limited	2019390094	Ono Pharmaceutical Co., Ltd.
2019386283	B. Braun Melsungen AG	2019390215	Huawei Technologies Co., Ltd.
2019386361	The University of Manchester	2019390284	Cisco Technology, Inc.
2019386525	LG Electronics Inc.	2019390319	Pepsico, Inc.
2019386646	Huawei Technologies Co., Ltd.	2019390365	JingAo Solar Co., Ltd.
2019386722	Ojai Retinal Technology, LLC	2019390416	NRT Technology Corp.
2019386913	Zhejiang CHINT Electrics Co., Ltd.	2019390461	Jiangsu Shemar Electric Co., Ltd.
2019386959	Vetco Gray, LLC	2019390486	Commonwealth Scientific and Industrial Research Organisation
2019386967	American Sterilizer Company	2019390669	Koninklijke Nederlandse Akademie van Wetenschappen
2019387017	Roboxi AS	2019390673	Dispensing Technologies B.V.
2019387051	On Clouds GmbH	2019390895	Toray Industries, Inc.
2019387111	Eva, M.	2019391031	Automatic Bar Controls, Inc.; Veloz, S.
2019387113	President and Fellows of Harvard College	2019391089	PepsiCo, Inc.
2019387185	Akrapovic d.d.	2019391197	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.
2019387201	Fundación TECNALIA Research & Innovation	2019391414	Depuy Ireland Unlimited Company
2019387227	SharkNinja Operating LLC	2019391425	Brainvivo Ltd.
2019387235	Checkpoint Systems, Inc.	2019391619	Lee, S.
2019387314	ABB Power Grids Switzerland AG	2019391689	Hewlett-Packard Development Company, L.P.
2019387326	Sandvik Mining and Construction Oy	2019391712	Bedford Industries, Inc.
2019387368	Cellphire, Inc.	2019391769	Gates Corporation
2019387377	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services	2019391789	Xevo Inc.
2019387414	Payeli, S.K.	2019392040	Signet Biotech Inc.
2019387433	Vibrosonic GmbH; Med-El Elektromedizinische Geräte GmbH	2019392065	Hewlett-Packard Development Company, L.P.
2019387482	Memorial Sloan Kettering Cancer Center	2019392067	Nite Ize, Inc.
2019387553	GW Research Limited	2019392090	Agensys, Inc.; Seagen Inc.
2019387561	YAE, LLC	2019392478	Citrix Systems, Inc.
2019387566	Dana-Farber Cancer Institute, Inc.	2019392564	Ohio State Innovation Foundation
2019387567	Tenfold Technologies LLC; Danquah, M.K.; Chisholm, R.D.; Welsh, A.K.; Perry, L.M.; Hinchee, M.A.; Rajagopal, S.; Redbulo, J.J.	2019392729	Swm Luxembourg
2019388106	Huons Biopharma Co., Ltd.	2019392735	Wageningen Universiteit
2019388142	CJ Cheiljedang Corporation	2019392874	SWM Luxembourg
2019388238	NanoomEnergy Co., Ltd.	2019392924	Senda Biosciences, Inc
2019388268	Dispensing Technologies B.V.	2019392925	Hazel Technologies, Inc
2019388275	Alai Food S.r.l.	2019392928	Wave Life Sciences Ltd.
2019388376	Asahi Kasei Kabushiki Kaisha	2019393095	Vivo Mobile Communication Co., Ltd.
2019388525	NanoomEnergy Co., Ltd.	2019393152	University of Plymouth; Fieldwork Robotics Limited
2019388637	Caterpillar Inc.	2019393161	Almac Discovery Limited
2019388805	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	2019393162	Almac Discovery Limited
2019388808	Harbour Biomed Therapeutics Limited; Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.	2019393336	Inventia Life Science Pty Ltd
2019388833	Cisco Technology, Inc.	2019393565	Suntory Holdings Limited
2019388889	Rensselaer Polytechnic Institute	2019393669	Assa Abloy New Zealand Limited
2019388919	Club Car, LLC	2019393770	Board of Regents, The University of Texas System
2019388940	Kylonova (Xiamen) Biopharma Co., Ltd.	2019393785	Ohio State Innovation Foundation
2019388982	Club Car, LLC	2019393792	Targus International LLC
2019389025	Nimbus Lakshmi, Inc.	2019393858	Schachtner Vermögensverwaltungs GmbH & Co. KG
2019389028	BAE Systems Information and Electronic Systems Integration Inc.	2019393877	Seres Therapeutics, Inc.
2019389030	PureCircle USA Inc.	2019393988	Veolia Water Solutions & Technologies Support
		2019393993	Wavebreaker AB
		2019394080	Bausch Health Ireland Limited
		2019394086	Tillotts Pharma AG
		2019394182	Aquarius Engines (A.M.) Ltd.
		2019394364	The Council of the Queensland Institute of Medical Research
		2019394740	Tillotts Pharma AG

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2019394837	Biotherapy Services Limited	2019403077	F. Hoffmann-La Roche AG
2019394862	AAH Holdings LLC	2019403083	Avent, Inc.
2019394875	Rubius Therapeutics, Inc.	2019403134	Pathware Inc.
2019394877	Adicet Bio, Inc.	2019403224	Conmed Corporation
2019394905	CMA Macchine Per Caffè S.r.l.	2019403269	GRAIL, Inc.
2019394956	Sunovion Pharmaceuticals Inc.	2019403384	Levity Products, Inc.
2019395005	Constellation Pharmaceuticals, Inc.	2019403552	Seagen Inc.
2019395020	Senda Biosciences, Inc.	2019403554	Regeneron Pharmaceuticals, Inc.
2019395022	Sonos, Inc.	2019403729	Massey University
2019395033	Auburn University; The United States of America, as represented by the Secretary of Agriculture	2019403984	Oxford University Innovation Limited
2019395140	Nippon Paper Industries Co., Ltd.	2019404003	Jelly Drops Limited
2019395196	Suntory Holdings Limited	2019404015	NeoMed, Inc.
2019395266	Proviva Therapeutics (Hong Kong) Limited	2019404039	Boston Scientific Scimed, Inc.
2019395271	ARRIS Enterprises LLC	2019405138	Hyperfine Research, Inc.
2019395328	AdvanSix Resins & Chemicals LLC	2019405165	Victaulic Company
2019395341	Amgen Inc.	2019405177	Motorola Solutions, Inc.
2019395364	Alydia Health, Inc.	2019405442	Eli Lilly and Company
2019395376	Roquette Freres	2019405747	Regeneron Pharmaceuticals, Inc.
2019395470	Techson Industry Technology Company Limited	2019405771	Corcept Therapeutics Incorporated
2019395778	Mondi AG	2019405782	23andme, Inc.
2019395933	Omxix Biopharmaceuticals Ltd.	2019405839	Posco; Research Institute Of Industrial Science & Technology
2019395964	KDDI Corporation	2019405846	Dong-A ST Co., Ltd.; KM Transderm Ltd.
2019396129	NewSouth Innovations Pty Limited	2019406345	Chevron USA, Inc.
2019396206	Bioxcel Therapeutics, Inc.	2019406425	Outokumpu Oyj
2019396216	Molekule Inc.	2019406505	Eli Lilly and Company
2019396245	Waymo LLC	2019406662	Merck Sharp & Dohme Corp.
2019396419	Amgen Inc.	2019406665	Avent, Inc.
2019396504	Waldemar Link GmbH & Co. KG	2019406674	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
2019396560	Heidelberg Pharma Research GmbH	2019406712	F. Hoffmann-La Roche AG
2019396568	Thales	2019407029	Vulco S.A.
2019396614	Amgen Inc.	2019407072	Hilti Aktiengesellschaft
2019396756	Omxix Biopharmaceuticals Ltd.	2019407072	IFP Energies nouvelles; Institut National de Recherche Pour L'Agriculture, L'Alimentation et L'Environnement; Agro Industries Recherche et Developpement
2019397034	Outcomes4me, Inc.	2019407445	IFP Energies nouvelles; Institut National de Recherche Pour L'Agriculture, L'Alimentation et L'Environnement; Agro Industries Recherche et Developpement
2019397164	Zimmer Biomet CMF and Thoracic, LLC	2019407831	Agriculture Victoria Services Pty Ltd
2019397257	HOVER Inc.	2019408023	N.V. Nutricia
2019397401	Codexis, Inc.	2019408262	Agriculture Victoria Services Pty Ltd
2019397458	Glyciome, LLC	2019408264	Saluda Medical Pty Ltd
2019397460	Flagship Pioneering Innovations VI, LLC	2019408398	Intervet International B.V.
2019397500	The Johns Hopkins University	2019408553	SphingoTec GmbH
2019397506	General Electric Company	2019408562	Syngenta Participations AG
2019397516	Kindred Biosciences, Inc.	2019408843	Akzo Nobel Coatings International B.V.
2019397593	Fisher & Paykel Healthcare Limited	2019409018	uFraction8 Limited
2019397719	KM Biologics Co., Ltd.	2019409121	IFP Energies nouvelles; Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Agro Industries Recherche et Developpement
2019398140	BIOTRONIK SE & Co. KG	2019409196	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.; Shanghai Shengdi Pharmaceutical Co., Ltd.
2019398352	Avent, Inc.	2019409490	Linde GmbH
2019398504	University of York	2019409533	Syngenta Crop Protection AG
2019398728	Insight and InReach (ISnIR) Pty Ltd	2019409541	F. Hoffmann-La Roche AG
2019398756	Intervet International B.V.	2019409872	Breville Pty Limited
2019398798	Luigi Lavazza S.p.A.	2019410101	Australian Pork Limited; NewSouth Innovations Pty Limited
2019399134	Agriculture Victoria Services Pty Ltd	2019410261	LEO Pharma A/S
2019399138	NewSouth Innovations Pty Limited	2019410521	Intervet International B.V.
2019399160	Kitz Corporation	2019410635	The Chinese University of Hong Kong; GRAIL, Inc.
2019399487	ConMed Corporation	2019411438	Bayer Aktiengesellschaft
2019399658	Rapid Building Systems Pty Ltd	2019411504	BAE Systems plc
2019399664	NewSouth Innovations Pty Limited	2019411520	BAE Systems plc
2019400384	Kubota Corporation	2019411526	Kymab Limited
2019400695	IFP Energies nouvelles; Institut National de Recherche Pour L'Agriculture, L'Alimentation et L'Environnement; Agro Industries Recherche et Developpement	2019411540	Spirea Limited
2019400839	Intervet International B.V.	2019411559	Gyroscope Therapeutics Limited
2019401224	Colgate-Palmolive Company	2019411569	Gyroscope Therapeutics Limited
2019401240	Okta, Inc.	2019411691	Huntsman Advanced Materials Licensing (Switzerland) GmbH
2019401356	Force Impact Technologies, Inc.	2019412580	Gennova Biopharmaceuticals Limited
2019401536	Avent, Inc.	2019412989	Asahi Breweries, Ltd.; Asahi Group Holdings, Ltd.
2019401575	Regeneron Pharmaceuticals, Inc.	2019413182	Sumitomo Dainippon Pharma Co., Ltd.
2019401636	Grail, Inc.		
2019401968	3M Innovative Properties Company		
2019402106	LivePerson, Inc.		
2019402263	JFE Steel Corporation		
2019402422	D. Western Therapeutics Institute, Inc.		
2019402769	Avent, Inc.		

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2019413865	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.	2020233907	International Business Machines Corporation
2019414450	Amgen Inc.	2020233947	International Business Machines Corporation
2019414451	Dexcom, Inc.	2020234887	International Business Machines Corporation
2019416045	Avent, Inc.	2020235010	International Business Machines Corporation
2019416046	Avent, Inc.	2020238889	International Business Machines Corporation
2019416048	Bostik, Inc.	2020239064	SharkNinja Operating LLC
2019416117	Deciphera Pharmaceuticals, LLC	2020241859	Capital One Services, LLC
2019417030	Greeneden U.S. Holdings II, LLC	2020242794	Suzhou Kanova Biopharmaceutical Co. Ltd.; Beijing Kanova Biopharmaceutical Co., Ltd.
2019417426	Avent, Inc.	2020253042	B.R.A.H.M.S GmbH
2019417446	Avent, Inc.	2020255712	Huabo Biopharm (Shanghai) Co., Ltd.
2019417448	Avent, Inc.	2020266472	Commonwealth Scientific and Industrial Research Organisation
2019417521	Suntory Holdings Limited	2020271291	Lin, K.
2019420098	Halliburton Energy Services, Inc.	2020279566	Smile Fast Ltd
2019420611	Biobot Surgical Pte Ltd	2020286162	KOYO GIKEN Inc.
2019420808	Société des Produits Nestlé S.A.	2020312787	Illumina Cambridge Limited
2019420838	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020314224	Illumina Cambridge Limited
2019421069	MATHread Inc.	2020314531	Capital One Services, LLC
2019421376	Microsoft Technology Licensing, LLC	2020314553	Capital One Services, LLC
2019426340	Thaller, A.	2020316528	Central South University; Hunan Yearth Biotechnological Co., Ltd.
2019428076	Fermat International, Inc..	2020323880	Illumina, Inc.
2019428645	Roll Recovery, LLC	2020323951	Dalian University of Technology
2019429126	Halliburton Energy Services, Inc.	2020328254	Illumina, Inc.
2019430531	Mitsubishi Electric Corporation	2020332798	Illumina, Inc.; Illumina Singapore Pte. Ltd.
2019431473	The Giovanni Project LLC	2020333461	Illumina, Inc.
2019433463	Halliburton Energy Services, Inc.	2020334589	McQuay Air Conditioning and Refrigeration (Wuhan) Co., Ltd.
2019433623	Refractory Intellectual Property GmbH & Co. KG	2020335007	Illumina, Inc.
2019440193	Sopharma AD	2020340931	Illumina, Inc.
2019441822	Ker, Z.	2020342301	Jiangsu Jiaruifeng Mechanical and Electrical Equipment Co., Ltd.
2019448601	Intuit Inc.	2020343214	Illumina, Inc.
2019450140	4D Mapper Pty Ltd	2020348284	Illumina, Inc.
2019452573	Tattle Systems Technology Inc.	2020348297	Illumina, Inc.
2019454117	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020356806	Qingdao University of Technology
2019468883	Qingdao Chenland Pharmaceutical Technology Development Co., Ltd.; Chenland Nutritionals, Inc.	2020357429	Illumina Singapore Pte. Ltd.
2020203961	HKG Epitherapeutics Limited	2020364314	Illumina, Inc.
2020204650	Urschel Laboratories, Inc.	2020383791	State Grid Corporation of China; State Grid Gansu Electric Power Corporation; Construction Branch of State Grid Gansu Electric Power Corporation; Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid
2020204867	Suzano Canada Inc.	2020384570	State Grid Corporation of China; State Grid Gansu Electric Power Corporation; Construction Branch of State Grid Gansu Electric Power Corporation; Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid
2020205000	Abintus Bio, Inc.	2020385374	State Grid Corporation of China; State Grid Gansu Electric Power Corporation; Construction Branch of State Grid Gansu Electric Power Corporation; Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid
2020205665	Dana-Farber Cancer Institute, Inc.	2021203418	Nantong University
2020205952	Dana-Farber Cancer Institute, Inc	2021203439	Nantong University
2020206415	LipoTrue S.L.		
2020206477	Nanjing Transthera Biosciences Co., Ltd.		
2020206584	EXINI Diagnostics AB		
2020207050	Arrowhead Pharmaceuticals, Inc.		
2020207196	Eli Lilly and Company		
2020207342	Kinetic Pressure Control, Ltd.		
2020207368	GloFish, LLC		
2020208917	Haldor Topsøe A/S		
2020209270	Brilliant Light Power, Inc.		
2020209446	Microsoft Technology Licensing, LLC		
2020209450	Microsoft Technology Licensing, LLC		
2020209837	Scientia Vascular, LLC		
2020210116	PI Industries Ltd.		
2020211396	Citrix Systems, Inc.		
2020211656	Siemens Aktiengesellschaft		
2020211895	Microsoft Technology Licensing, LLC		
2020212529	Citrix Systems, Inc.		
2020213619	Clariant Produkte (Deutschland) GmbH		
2020213989	Purdue Pharma L.P.		
2020214788	Raytheon Company		
2020214819	University of Florida Research Foundation		
2020215741	Detnet South Africa (Pty) Ltd		
2020215770	Hettich-ONI GmbH & Co. KG		
2020216325	Abbott Diabetes Care Inc.		
2020217099	Hosokawa Yoko Co., Ltd.		
2020221266	LoveSac Company		
2020221273	Citrix Systems, Inc.		
2020229286	The Giovanni Project LLC		
2020229694	The Giovanni Project LLC		
2020231117	Viscofan, S.A.		

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2019384691	2019374102 2020207368	2019408562	2019404003	2019375473	2019409872
<u>A01C 23 /-</u>	<u>A01M 21 /-</u>	<u>A01P 7 /-</u>	<u>A23L 3 /-</u>	<u>A45C 13 /-</u>	<u>A47J 31 /-</u>
2019384691	2019369551 2019372535	2019369338 2019408562 2019411438	2019408023	2019375473 2019384587	2019394905 2019398798
<u>A01G 11 /-</u>	<u>A01M 7 /-</u>	<u>A21D 13 /-</u>	<u>A23L 33 /-</u>	<u>A45C 5 /-</u>	<u>A47J 37 /-</u>
2019363630	2019384691	2019387561 2019388275	2019395376 2019408023	2019384587	2019358216
<u>A01G 13 /-</u>	<u>A01N 1 /-</u>	<u>A21D 15 /-</u>	<u>A23L 5 /-</u>	<u>A45D 33 /-</u>	<u>A47J 43 /-</u>
2019363630 2020214819	2019371087	2019388275	2019409872	2019406674	2020239064
<u>A01G 25 /-</u>	<u>A01N 25 /-</u>	<u>A21D 2 /-</u>	<u>A23L 7 /-</u>	<u>A45D 34 /-</u>	<u>A47J 47 /-</u>
2019384691	2019369551 2019369587 2019371088 2019372535 2019374510 2019392925 2019411438	2019388275	2019420808	2019406674	2019314465
<u>A01G 27 /-</u>	<u>A01N 31 /-</u>	<u>A21D 8 /-</u>	<u>A24B 15 /-</u>	<u>A45D 40 /-</u>	<u>A47K 3 /-</u>
2019363630	2019392925	2019388275	2019392729	2019406674	2019379840
<u>A01G 31 /-</u>	<u>A01N 37 /-</u>	<u>A22C 13 /-</u>	<u>A24B 3 /-</u>	<u>A47C 19 /-</u>	<u>A47K 5 /-</u>
2019363630	2019392925	2020231117	2019392729	2019398728	2019378590
<u>A01G 7 /-</u>	<u>A01N 43 /-</u>	<u>A23C 1 /-</u>	<u>A24D 1 /-</u>	<u>A47C 21 /-</u>	<u>A47L 11 /-</u>
2019376891	2019411438 2020210116	2019408023	2019383789 2019392874	2019398728	2019382443 2019387017 2019387227
<u>A01G 9 /-</u>	<u>A01N 53 /-</u>	<u>A23D 7 /-</u>	<u>A24D 3 /-</u>	<u>A47C 23 /-</u>	<u>A47L 4 /-</u>
2019363630 2020214819	2019408023	2019408023	2019392874	2020221266	2019379840
<u>A01H 1 /-</u>	<u>A23F 5 /-</u>	<u>A24F 40 /-</u>	<u>A24F 40 /-</u>	2020221266	<u>A47L 9 /-</u>
2018448455 2019399134	2019369551 2019369587 2019372535 2019374102 2019374510 2019386018 2019408562 2019409533 2020210116	2019395196	2019382990 2019383789 2019384926	2020221266	2019387227
<u>A01H 17 /-</u>	<u>A23J 1 /-</u>	<u>A24F 47 /-</u>	<u>A24F 47 /-</u>	2020221266	<u>A61B 1 /-</u>
2019407831	2019395376	2019383570 2019383778 2019392729	2019383570 2019383778 2019392729	2019393858	2019373462 2019373820
<u>A01H 3 /-</u>	<u>A23J 3 /-</u>	<u>A41C 3 /-</u>	<u>A41C 3 /-</u>	<u>A47D 13 /-</u>	<u>A61B 10 /-</u>
2019399134	2019395376	2020271291	2019382420 2019398728	2019393858	2019370476 2019420611
<u>A01H 5 /-</u>	<u>A23K 10 /-</u>	<u>A41F 1 /-</u>	<u>A47G 1 /-</u>	2019401968	<u>A61B 17 /-</u>
2019407831	2019388142 2019393877 2019395376	2020271291	2019401968	2019401968	2019372428 2019387414 2019395364 2019396504 2019397164 2019399487 2019403224 2019420611
<u>A01H 6 /-</u>	<u>A23K 20 /-</u>	<u>A43B 13 /-</u>	<u>A47G 19 /-</u>	<u>A47G 19 /-</u>	<u>A61B 18 /-</u>
2019399134 2019407831	2019388142 2019395376	2018450366 2019384163 2019387051	2019395140	2019395140	2019394080 2019398352 2019401536 2019402769 2019403083 2019406665
<u>A01K 1 /-</u>	<u>A23K 40 /-</u>	<u>A43B 3 /-</u>	<u>A47G 25 /-</u>	<u>A47G 25 /-</u>	
2019387111	2019393877	2019384163	2019300565 2019401968	2019300565 2019401968	
<u>A01K 27 /-</u>	<u>A23L 2 /-</u>	<u>A44B 19 /-</u>	<u>A47G 29 /-</u>	<u>A47G 29 /-</u>	
2019394862	2018379673 2019389100 2019393565 2019404003	2019384163	2019401968	2019401968	
<u>A01K 61 /-</u>					
2019370034	2019369338 2019369587 2019374510				

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2019417426	2019380568	2019384115		<u>A61M 27 /-</u>	<u>A61P 25 /-</u>
2019417446	2019381386	2019384820	<u>A61K 8 /-</u>		
2019417448	2019382862	2019388106		2019371087	2019371814
<u>A61B 34 /-</u>	2019384157	2019392040		2019386250	2019384157
	2019384646	2019395266		2019401224	2019387553
2019420611	2019384802	2019395376		<u>A61M 39 /-</u>	2019394956
	2019387553	2019395933			2019405846
<u>A61B 5 /-</u>	2019388805	2019396756	<u>A61K 9 /-</u>	2019399487	2019440193
	2019389025	2019397401		2019404015	2020213989
2019373154	2019389031	2019408262		<u>A61M 5 /-</u>	<u>A61P 27 /-</u>
2019384147	2019389108	2019409196			
2019384157	2019389169	2019412580		2019374800	2019402422
2019389171	2019390094			2019381820	2019411569
2019391425	2019393161	<u>A61K 39 /-</u>		2019390047	<u>A61P 29 /-</u>
2019398140	2019393162			2019403384	
2019408264	2019393785	2018451747		2019404015	
2019409490	2019394740	2019358622		2019409541	2019377882
2019414451	2019394956	2019371814		2019416045	
2020216325	2019395005	2019375808		2019416046	<u>A61P 3 /-</u>
<u>A61B 50 /-</u>	2019396206	2019378591			
	2019397401	2019387377		<u>A61M 60 /-</u>	2019393161
2019381820	2019398756	2019387482			2019393162
<u>A61B 90 /-</u>	2019402422	2019388808		2019370131	2019401575
	2019405771	2019392090		<u>A61N 1 /-</u>	2019405442
2019396504	2019405846	2019394364			2019411526
	2019408553	2019397719		2019389171	2020206477
<u>A61C 13 /-</u>	2019408562	2019403552		2019394862	<u>A61P 31 /-</u>
	2019410261	2019405442		2019417448	
2020279566	2019412580	2019405747		<u>A61N 2 /-</u>	2019371088
<u>A61C 5 /-</u>	2019416117	2019406662			2019374135
	2019440193	2019411526	<u>A61L 24 /-</u>	2019372125	2019377882
	2020206477	2019413182		2019394862	2019380568
	2020207050	2020242794	<u>A61L 29 /-</u>	<u>A61N 5 /-</u>	2019394364
2020279566	2020207196	2020255712			2019397719
<u>A61F 11 /-</u>		<u>A61K 45 /-</u>	<u>A61L 31 /-</u>	<u>A61N 11 /-</u>	2019406662
	<u>A61K 33 /-</u>				<u>A61P 35 /-</u>
2019387433		2018451747	2019383400	2019386722	
<u>A61F 2 /-</u>	2019371087	2019378591	<u>A61L 31 /-</u>	2019394862	2018447495
	2019371088	2019416117		<u>A61P 1 /-</u>	2018451747
2019391414	<u>A61K 35 /-</u>	<u>A61K 47 /-</u>	2019395933		2019372164
2019396504			2019396756	2019371088	2019375808
<u>A61F 5 /-</u>	2018316256	2018451747	<u>A61M 1 /-</u>	2019388805	2019376632
	2019374055	2019358622		2019388940	2019379706
2019374471	2019376632	2019370561	2019404039	2019390669	2019380035
<u>A61F 7 /-</u>	2019377122	2019372164	<u>A61M 11 /-</u>	2019392040	2019387377
	2019389048	2019376514		<u>A61P 11 /-</u>	2019387566
2019381820	2019389108	2019378874	2019383789		2019388808
<u>A61F 9 /-</u>	2019390669	2019385497	<u>A61M 13 /-</u>	2019382862	2019393161
	2019393877	2019388106		<u>A61P 15 /-</u>	2019393785
2019386722	2019394837	2019388808	2019399487		2019395005
<u>A61H 15 /-</u>	2019394875	2019388940	<u>A61M 16 /-</u>	2019397458	2019398756
	2019394877	2019397458		<u>A61P 17 /-</u>	2019403554
2019428645	2019397500	2019397460			2019405747
<u>A61K 31 /-</u>	2019414450	2019403552	2019397593	2019371088	2019409196
	2019426340	2019403554	2019409490	2019394837	2019416117
	2020205000	2019405846	<u>A61M 21 /-</u>	2019398756	2020242794
	2020205952	2019409196		2019410261	2020255712
		2019411540	2019372125	2019417521	
<u>A61K 36 /-</u>	2019376514	2019412580	<u>A61M 25 /-</u>	2020207196	<u>A61P 37 /-</u>
	201937553	2019413182			
2019371087	2019387553	2019414450	2019383400	<u>A61P 19 /-</u>	2019394364
2019371088	2019395376	<u>A61K 48 /-</u>	2019384142		2019394875
2019373206	2019417521		2019386283	2019398756	2019397719
2019374102	<u>A61K 38 /-</u>	2019375450	2019390047		2019409196
2019374135		2019375975	2019403384	<u>A61P 21 /-</u>	2019410261
2019377882	2019374055	2019377122	2020209837		2019414450
2019378874	2019374102	2019381460		2019393161	2020207196
2019379706	2019378591	2019411559		2019393162	
2019380035	2019381809	2019411569			
		2020205000			

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<u>A61P 41 /-</u>		<u>B01L 9 /-</u>		<u>B32B 27 /-</u>	<u>B60W 10 /-</u>
2019395933		2020340931		2019416048	2019396245
2019396756	<u>A63F 1 /-</u>		<u>B25J 11 /-</u>		
	2019390416		2019393152	<u>B32B 29 /-</u>	<u>B60W 30 /-</u>
		<u>B03C 1 /-</u>	2021203418		
<u>A61P 43 /-</u>	<u>A63F 13 /-</u>	2019420098	<u>B25J 15 /-</u>	2019395140	2019396245
2019381386	2019372292				
2019411569	2019379617	<u>B04C 5 /-</u>	2019393152	<u>B32B 3 /-</u>	<u>B60W 40 /-</u>
2019417521					
	<u>A63F 9 /-</u>	2019407029	<u>B25J 17 /-</u>	2019389149	2019396245
<u>A61P 5 /-</u>					
	2019390416	<u>B05B 1 /-</u>	2019393152	<u>B32B 37 /-</u>	<u>B60W 50 /-</u>
2019393161					
	<u>A63G 31 /-</u>	2019384691	<u>B25J 19 /-</u>	2019416048	2019396245
<u>A61P 7 /-</u>					
	2019378252	<u>B05B 11 /-</u>	2019393152	<u>B32B 5 /-</u>	<u>B61F 5 /-</u>
2019390094			2021203418		
	<u>B01D 1 /-</u>	2019378590		2019390895	2019371359
<u>A61P 9 /-</u>		2019388268	<u>B25J 5 /-</u>		
	2019410101			<u>B32B 7 /-</u>	<u>B62B 5 /-</u>
2019373206		<u>B05B 5 /-</u>	2019387017		
2019384646	<u>B01D 21 /-</u>		2020266472	2019416048	2019388919
2019390094		2019389139			
2019402422	2018447770		<u>B25J 9 /-</u>	<u>B33Y 30 /-</u>	<u>B62D 21 /-</u>
		<u>B05B 7 /-</u>			
<u>A61Q 11 /-</u>	<u>B01D 3 /-</u>	2019378590	2019393152	2019393336	2020266472
		2019389139			
2019401224	2019410101	2019399658	<u>B26D 1 /-</u>	<u>B41J 2 /-</u>	<u>B62D 25 /-</u>
<u>A61Q 17 /-</u>	<u>B01D 39 /-</u>	<u>B08B 13 /-</u>	2020204650	2019391689	2019400384
				2019392065	
2019371087	2019395778	2021203418	<u>B26D 3 /-</u>	<u>B41M 5 /-</u>	<u>B62D 37 /-</u>
	2019398798				
<u>A61Q 19 /-</u>	<u>B01D 53 /-</u>	<u>B08B 3 /-</u>	2020204650	2019389145	2019370153
2019371087	2019383284	2019407445	<u>B26D 7 /-</u>	<u>B60B 3 /-</u>	<u>B62D 49 /-</u>
2019386250	2019403729	2019409121			2019400384
2019397458			2020204650	2019388637	
2020206415	<u>B01D 61 /-</u>	<u>B08B 9 /-</u>			<u>B62D 55 /-</u>
			<u>B28C 7 /-</u>	<u>B60F 5 /-</u>	
<u>A62C 13 /-</u>	2019388376	2019407445	2019399658		2019388637
		2019409121		2019441822	2020266472
2019396216	<u>B01D 63 /-</u>	<u>B21D 47 /-</u>	<u>B29C 61 /-</u>	<u>B60H 1 /-</u>	<u>B63B 21 /-</u>
<u>A62C 35 /-</u>	2019388376	2019389149	2019391712	2019400384	2019375473
				2019396568	
2019405165	<u>B01J 13 /-</u>	<u>B22F 5 /-</u>	<u>B29C 63 /-</u>	<u>B60K 1 /-</u>	<u>B63B 22 /-</u>
<u>A62C 99 /-</u>	2019369551	2020214788	2019391712	2019388919	<u>B63B 22 /-</u>
	2019372535			2019441822	2019375473
2019396216	<u>B01J 19 /-</u>	<u>B24B 27 /-</u>	<u>B29C 64 /-</u>		
				<u>B60K 16 /-</u>	<u>B63B 34 /-</u>
<u>A62D 1 /-</u>	2020328254	2019379955	2019393336	2019391619	2019387111
2019396216	<u>B01J 20 /-</u>	<u>B24D 5 /-</u>	<u>B29D 35 /-</u>	<u>B60K 17 /-</u>	<u>B63C 9 /-</u>
<u>A63B 22 /-</u>	2019403729	2019379955	2018450366	2019441822	2019375473
2019431473	<u>B01L 1 /-</u>	<u>B24D 7 /-</u>	<u>B29K 105 /-</u>		
2020229286					
2020229694	2020340931	2019379955	2019391712	<u>B60L 15 /-</u>	<u>B64C 27 /-</u>
<u>A63B 24 /-</u>	<u>B01L 3 /-</u>	<u>B25B 1 /-</u>	<u>B29L 31 /-</u>	2019388982	2019387201
2019431473	2019385743	2019428645	2019391712	<u>B60P 3 /-</u>	<u>B64F 1 /-</u>
2020229286	2019409018				
2020229694	2020323880	<u>B25B 5 /-</u>	<u>B29L 7 /-</u>	2019391619	2019387017
	2020340931				
<u>A63B 71 /-</u>	2020348284	2019300565	2019391712	<u>B60P 7 /-</u>	<u>B65D 23 /-</u>
	2020348297				
2019401356	2020357429	<u>B25B 7 /-</u>	<u>B32B 1 /-</u>	2019391619	2019391712
2019431473					
2020229286		2019428645	2019395140		
2020229694					

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<u>B65D 33 /-</u>	<u>C01B 39 /-</u>	<u>C07C 259 /-</u>	<u>C07D 271 /-</u>	2019393162	2019394364
2019392067	2019405839	2019392924	2019386018	<u>C07D 495 /-</u>	2019394877
2020217099			2019410261		2019397516
<u>B65D 43 /-</u>	<u>C02F 1 /-</u>	<u>C07C 271 /-</u>		2019393162	2019401575
2019376870	2019410101	2019392924	<u>C07D 277 /-</u>	<u>C07F 5 /-</u>	2019403984
	<u>C02F 3 /-</u>	<u>C07C 29 /-</u>	2020210116	2019396206	2019405442
<u>B65D 47 /-</u>	2019393988	2020208917	<u>C07D 307 /-</u>	<u>C07F 9 /-</u>	2019405747
2019406674			2019374135		2019405782
2020217099	<u>C04B 111 /-</u>	<u>C07C 31 /-</u>	2019377882	2019389169	2019406505
<u>B65D 5 /-</u>	2020384570	2020208917	<u>C07D 333 /-</u>	<u>C07H 1 /-</u>	2019406662
2019370550	<u>C04B 14 /-</u>	<u>C07C 323 /-</u>	2019377882	2019389030	2019406712
<u>B65D 55 /-</u>	2019374733	2019377882	<u>C07D 401 /-</u>	2019409121	2019411526
2019391712	<u>C04B 24 /-</u>	2020210116		<u>C07H 13 /-</u>	2020205000
<u>B65D 65 /-</u>	2019374733	<u>C07C 37 /-</u>	2019393162		2020242794
2019370550	<u>C04B 26 /-</u>	2019395470	2019410261	2019392924	2020255712
<u>B65D 75 /-</u>	2019379805	<u>C07D 209 /-</u>	2020205665	<u>C07H 15 /-</u>	2019371814
2020217099	<u>C04B 28 /-</u>	2019396560	<u>C07D 403 /-</u>	2019389030	2019372642
<u>B65D 83 /-</u>	2019374733	<u>C07D 213 /-</u>	2019410261	<u>C07H 19 /-</u>	2019387566
2019406674	2019379805	2019384802	<u>C07D 405 /-</u>		2019409196
	2020384570	2020210116	2019388805	2019381386	2020255712
<u>B65D 85 /-</u>	<u>C04B 40 /-</u>	<u>C07D 217 /-</u>	2019398756	2019403077	<u>C07K 5 /-</u>
2019395778	2019379805	2019402422	2019410261	<u>C07H 21 /-</u>	2019403554
<u>B65G 47 /-</u>	<u>C04B 9 /-</u>	<u>C07D 231 /-</u>	<u>C07D 409 /-</u>		<u>C07K 7 /-</u>
2018422478	2019374733	2019410261	2019410261	2019403077	2019384820
<u>B65G 69 /-</u>	<u>C07C 209 /-</u>	<u>C07D 233 /-</u>	<u>C07D 413 /-</u>	<u>C07K 1 /-</u>	<u>C08F 212 /-</u>
2018422478	2019395020	2019410261	2019384157	2019408262	2020323880
<u>B67C 9 /-</u>	<u>C07C 211 /-</u>	<u>C07D 237 /-</u>	2019395005	<u>C07K 14 /-</u>	<u>C08F 220 /-</u>
2019391089	2020210116	2019409533	2019410261	2019371814	2020323880
<u>B67D 1 /-</u>	<u>C07C 215 /-</u>	<u>C07D 239 /-</u>	<u>C07D 417 /-</u>	2019372642	<u>C08G 77 /-</u>
2019391031	2019392924	2019374510	2019410261	2019376632	2020323880
2019391089		2020210116		2019381460	<u>C08H 8 /-</u>
2019412989	<u>C07C 229 /-</u>	<u>C07D 241 /-</u>	<u>C07D 451 /-</u>	2019384115	2019400695
2019413865	2019392924	2020210116	2020213989	2019387553	<u>C08J 3 /-</u>
<u>B82Y 10 /-</u>	2019403729	<u>C07D 249 /-</u>	<u>C07D 471 /-</u>	2019390486	2020323880
2020209450	<u>C07C 237 /-</u>	2019410261	2019373206	2019395266	<u>C08H 8 /-</u>
<u>B82Y 40 /-</u>	2019393770	<u>C07D 261 /-</u>	2019380568	2019397516	2019400695
2020209450	<u>C07C 243 /-</u>	2019400839	2019382862	2019397719	<u>C08J 3 /-</u>
<u>C01B 11 /-</u>	2019392924	2019408398	2019384646	2019403984	<u>C08J 5 /-</u>
2019371087		2019410261	2019389025	2019408262	2020204867
2019371088	<u>C07C 251 /-</u>	2019410521	2019390094	2019409196	2020204867
	2020210116	<u>C07D 263 /-</u>	2019405771	2019411559	<u>C08J 5 /-</u>
<u>C01B 3 /-</u>	<u>C07C 255 /-</u>	2019410261	2019410261	2019411569	<u>C08J 5 /-</u>
2020208917			2020205665	2019426340	2019388889
2020209270	2020210116		2020206477	2020205952	2019390895
			<u>C07D 487 /-</u>	<u>C07K 16 /-</u>	2020214819
			2019393162	2018451747	<u>C08J 7 /-</u>
			2019410261	2019339582	2019385725
			2020205665	2019370367	
			2020207196	2019371814	<u>C08K 3 /-</u>
			<u>C07D 491 /-</u>	2019374055	2020204867
			2019380568	2019385497	<u>C08K 5 /-</u>
				2019387368	
				2019387377	
				2019387482	
				2019387566	
				2019389141	
				2019392090	

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<u>C08L 23 /-</u>		2019390486		<u>E05B 15 /-</u>	<u>E21B 47 /-</u>
2020204867	<u>C12N 5 /-</u>	2019401636	<u>C40B 50 /-</u>	2019357834	2019384023
	2019375975	2019403077	2019367010		2019386279
<u>C08L 97 /-</u>	2019377122	2019403269		<u>E05B 17 /-</u>	2019389281
2020204867	2019387368	2019410635	<u>D04H 3 /-</u>	2019387235	<u>E21B 7 /-</u>
	2019387377	2020203961	2019390895		2020207342
<u>C09D 127 /-</u>	2019387566	2020312787		<u>E05B 47 /-</u>	
2019395328	2019389141	2020314224	<u>D06F 55 /-</u>	2019357834	<u>E21C 35 /-</u>
	2019390669	2020316528	2019300565		2019387326
<u>C09D 163 /-</u>	2019393336	2020323880	<u>D06F 58 /-</u>	<u>E05B 55 /-</u>	
2018451574	2019394875	2020328254	2019386525	2019393669	<u>E21D 11 /-</u>
	2019394877	2020332798		<u>E05B 59 /-</u>	2019399658
<u>C09D 5 /-</u>	2019397500	2020335007	<u>D06F 59 /-</u>	2019393669	<u>E21F 13 /-</u>
2019378879	2020242794	<u>C21B 7 /-</u>	2019300565	<u>E05B 63 /-</u>	2019387326
2019408843	<u>C12N 7 /-</u>	2019433623	<u>D21H 11 /-</u>	2019393669	<u>F01B 11 /-</u>
	2019414450	<u>C22C 14 /-</u>	2019395778	<u>E05B 73 /-</u>	2019394182
<u>C09D 7 /-</u>	2019426340	2020214788	<u>D21H 13 /-</u>	2019387235	<u>F01L 21 /-</u>
2019378879	<u>C12N 9 /-</u>	<u>C22C 18 /-</u>	2019392874	<u>E05C 3 /-</u>	2019394182
	2019372642	2019402263	<u>D21H 17 /-</u>	2019393669	<u>F01N 1 /-</u>
<u>C09J 127 /-</u>	2019381460	<u>C22C 38 /-</u>	2019392874	<u>E05D 15 /-</u>	2019387185
2019395328	2019387368	2019406425	<u>D21H 27 /-</u>	2020215770	<u>F01N 13 /-</u>
	2019389141	<u>C22F 1 /-</u>	2019392874	<u>E05D 3 /-</u>	2019387185
<u>C09J 4 /-</u>	2019396419	2020214788	<u>E01C 23 /-</u>	2020215770	<u>F02B 71 /-</u>
2019411691	2019411559	<u>C23C 14 /-</u>	2019387017	<u>E06B 9 /-</u>	2019394182
	2019411569	2020209450	<u>E01F 8 /-</u>	2019379840	<u>F03B 13 /-</u>
<u>C12M 1 /-</u>	2019412580	2020211895	2019393993	<u>E21B 10 /-</u>	2019370034
2019386967	2020205952	<u>C23C 2 /-</u>	<u>E02B 13 /-</u>	2019382849	<u>F03D 17 /-</u>
2019409121	2020213619	2019402263	2019363630	<u>E21B 21 /-</u>	2019372375
	2020312787	<u>C23C 22 /-</u>	<u>E04B 1 /-</u>	2019420098	<u>F04B 43 /-</u>
<u>C12N 1 /-</u>	<u>C12P 1 /-</u>	2019402263	2019389149	2020207342	2019416045
2019374529	2019387567	<u>C23C 28 /-</u>	2020340931	<u>E21B 23 /-</u>	2019416046
2019387567	2019387567	2019402263	<u>E04C 3 /-</u>	2019433463	<u>F04B 51 /-</u>
2019397460	<u>C12P 13 /-</u>	<u>C25B 1 /-</u>	2019389149	<u>E21B 33 /-</u>	2019417448
	2019387567	2019383284	<u>E04C 5 /-</u>	2019386959	<u>F04B 53 /-</u>
<u>C12N 15 /-</u>	<u>C12P 19 /-</u>	2019384465	2019389149	2019429126	2019416045
2018316256	2019389030	<u>C23C 22 /-</u>	2019399658	<u>E21B 4 /-</u>	2019416046
2019370561	2019407445	2019402263	<u>E04G 21 /-</u>	2019382849	<u>F04D 1 /-</u>
2019371814	<u>C12P 21 /-</u>	<u>C25B 15 /-</u>	2019399658	<u>E21B 41 /-</u>	2019391769
2019372642	2019409196	2019383284	<u>E04H 12 /-</u>	2019386279	<u>F04D 13 /-</u>
2019373133	<u>C12P 21 /-</u>	2019384465	2019390461	2019389281	2019391769
2019375450	2019409196	<u>C25B 9 /-</u>	<u>E04H 15 /-</u>	<u>E21B 43 /-</u>	<u>F04D 29 /-</u>
2019375975	2019411569	2020209270	2019391619	2019384023	2018348789
2019381386	2019426340	<u>C25B 11 /-</u>		2019433463	2019389594
2019381460	2020205000	2019389346			
2019390486	2020207050	<u>C25B 15 /-</u>			
2019392735	2020207050	2019384465			
2019392928	2020213619	<u>C25B 9 /-</u>			
2019395266	2020242794	2019383284			
2019395341	2020255712	2019384465			
2019396419	2020312787	<u>C40B 40 /-</u>			
2019403269	2020314224	2019367010			
2019406712	2020323880	2019372123			
2019409196		2019372123			
2019411569					
2019426340					
2020205000	<u>C12Q 1 /-</u>				
2020207050	2019372123				
2020213619	2019373133				
2020242794	2019374135				
2020255712	2019379589				
2020312787	2019386361				
2020314224	2019386967				
2020323880					

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2019391769	<u>F23N 5 /-</u>	<u>F41H 7 /-</u>	2019385743	<u>G05B 23 /-</u>	<u>G06F 8 /-</u>
<u>F04D 7 /-</u>	2019334630	2020266472	2019395033	2019375200	2020209446
2018348789	<u>F24B 1 /-</u>	<u>F42B 3 /-</u>	2019399134	2019412989	<u>G06F 9 /-</u>
<u>F16B 15 /-</u>	2019358216	2020215741	2019408553	<u>G05D 1 /-</u>	2020211396
2019407072	<u>F24B 13 /-</u>	<u>F42D 1 /-</u>	2019410635	2019382443	2020212529
<u>F16B 19 /-</u>	2019358216	2020215741	2019416117	2019387227	2020221273
2019407072	<u>F24B 3 /-</u>	<u>G01C 11 /-</u>	2020253042	2019387326	2020233907
<u>F16B 2 /-</u>	2019358216	2019450140	2020255712	2019396245	2020234887
2019300565	<u>F24F 11 /-</u>	<u>G01C 21 /-</u>	2020385374	<u>G01N 35 /-</u>	2020235010
2019405165	2019371616	2019387227	<u>G01N 35 /-</u>	2019385743	2020238889
<u>F16B 35 /-</u>	2019430531	2019387326	<u>G01N 5 /-</u>	<u>G01N 5 /-</u>	<u>G06K 9 /-</u>
2019421069	<u>F24F 120 /-</u>	2019391789	2019334630	2019380380	2018448455
<u>F16F 1 /-</u>	2019430531	<u>G01D 5 /-</u>	<u>G01R 19 /-</u>	<u>G06F 113 /-</u>	<u>G06N 10 /-</u>
2019371359	<u>F24S 10 /-</u>	2019380874	2019388238	2020211656	<u>G06N 10 /-</u>
<u>F16H 61 /-</u>	2021203439	<u>G01G 11 /-</u>	2019388525	<u>G06F 12 /-</u>	2019389858
2019392564	<u>F25B 1 /-</u>	2018422478	<u>G01R 21 /-</u>	2019428076	2019421376
<u>F16J 7 /-</u>	2019386137	<u>G01H 9 /-</u>	2019388238	2020233947	2020209450
2019394182	<u>F25B 33 /-</u>	2019380874	2019388525	<u>G06F 13 /-</u>	<u>G06N 20 /-</u>
<u>F16K 1 /-</u>	2019386137	<u>G01M 13 /-</u>	<u>G01R 33 /-</u>	2019391689	2019370896
2019387185	<u>F25B 39 /-</u>	2019375200	2019384147	<u>G06F 15 /-</u>	2019388525
<u>F16K 11 /-</u>	2019386137	<u>G01N 15 /-</u>	2019405138	2019428076	2019389171
2019387185	<u>F25B 41 /-</u>	2020333461	<u>G01S 17 /-</u>	<u>G06F 16 /-</u>	2019396129
<u>F16K 15 /-</u>	2020334589	2019368519	<u>G01S 3 /-</u>	2019379953	2019399138
2019390673	<u>F25B 9 /-</u>	2019370476	<u>G01S 5 /-</u>	2019381980	2019448601
<u>F16K 21 /-</u>	2019386137	2019372375	2019387227	2019452573	<u>G06N 3 /-</u>
2019390673	<u>F25D 11 /-</u>	2019396614	<u>G01S 17 /-</u>	<u>G06F 17 /-</u>	<u>G06N 7 /-</u>
<u>F16K 27 /-</u>	2019386137	2019399134	<u>G01S 5 /-</u>	2019399664	2019389171
2019399160	<u>F25D 13 /-</u>	2019403134	<u>G01S 5 /-</u>	2019452573	<u>G06Q 10 /-</u>
<u>F16K 3 /-</u>	2019386137	2019395033	2019387227	<u>G06F 21 /-</u>	2019370896
2019399160	<u>F27B 3 /-</u>	2020333461	<u>G01V 1 /-</u>	2019384472	2019371364
<u>F16L 21 /-</u>	2019433623	2020333461	2019406345	2019391689	2019375976
2019386959	<u>F27D 1 /-</u>	2020312787	<u>G01V 5 /-</u>	2019398140	2019452573
<u>F16L 55 /-</u>	2019433623	2020383791	2019373486	2019398504	2020211656
2019386117	<u>F27D 9 /-</u>	<u>G01N 23 /-</u>	<u>G02B 21 /-</u>	2019401240	2020356806
<u>F22B 37 /-</u>	2019433623	2019395033	2019448601	2020234887	<u>G06Q 20 /-</u>
2019334630	<u>F41H 11 /-</u>	<u>G01N 25 /-</u>	2020234887	2020235010	2020314531
<u>F23K 1 /-</u>	2020266472	2020333461	2020238889	2020238889	<u>G06Q 30 /-</u>
2019334630		2020333461	<u>G06F 3 /-</u>	<u>G06F 3 /-</u>	2020314531
		<u>G01N 27 /-</u>	2019369395	2019392065	<u>G06Q 50 /-</u>
		2020312787	2019392065	2019395022	2019371364
		2020383791	2019379617	2019411520	2019397506
		<u>G01N 30 /-</u>	2019389098	<u>G06F 30 /-</u>	2019450140
		2019468883	<u>G02B 30 /-</u>	2019388238	2020211656
		<u>G01N 33 /-</u>	2019379617	2020209446	2020356806
		2019334630	<u>G02B 5 /-</u>	2020211656	<u>G06T 15 /-</u>
		2019367010	2019387227	<u>G06F 7 /-</u>	2019397257
		2019370476	<u>G05B 15 /-</u>	2018450122	<u>G06T 17 /-</u>
		2019371161			2019450140
		2019371417			

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<u>G06T 19 /-</u>	<u>G16H 50 /-</u>	2019388889		2019391197
2019450140	2019397034	<u>H01R 12 /-</u>	<u>H03M 7 /-</u>	2019420838
			2020211396	2019454117
<u>G06T 7 /-</u>	<u>G16H 80 /-</u>	2019393095	2020212529	<u>H04N 21 /-</u>
2019372292	2019397034	<u>H01R 13 /-</u>	<u>H04B 10 /-</u>	2019395271
2019450140				
2020206584	<u>G16Y 10 /-</u>	2019393095	2019380874	<u>H04Q 9 /-</u>
2020314553	2019412989	<u>H01R 25 /-</u>	2019411504	2019371616
			2020323951	
<u>G07C 9 /-</u>	<u>G16Y 40 /-</u>	2019393095	<u>H04J 3 /-</u>	<u>H04R 25 /-</u>
2019357834	2019412989	<u>H01R 27 /-</u>	2019383021	2019387433
			2019395271	
<u>G07F 11 /-</u>	<u>G21C 17 /-</u>	2019393095		<u>H04W 12 /-</u>
2019390319	2020266472	<u>H02G 7 /-</u>	<u>H04L 12 /-</u>	2019384472
				2019396129
<u>G07F 17 /-</u>	<u>H01F 3 /-</u>	2019390461	2019388833	2019399138
2019390416	2020286162		2019390284	
		<u>H02H 3 /-</u>	2019395271	
<u>G07F 7 /-</u>	<u>H01F 6 /-</u>	2019388238	2019399664	<u>H04W 16 /-</u>
2019390319	2019382966	2019388525	2019452573	2019373174
2020314531			<u>H04L 27 /-</u>	2019395964
	<u>H01H 15 /-</u>	<u>H02J 3 /-</u>	2019382040	<u>H04W 28 /-</u>
<u>G08C 17 /-</u>	2019405177	2019397506		2018455860
2019388238			<u>H04L 29 /-</u>	2019386646
2019388525	<u>H01H 73 /-</u>	<u>H02J 50 /-</u>	2018447611	2020211396
			2019367853	2020212529
<u>G09F 3 /-</u>	2019386913	2019393792	2019383021	
2019389145			2019384472	<u>H04W 4 /-</u>
	<u>H01H 83 /-</u>	<u>H02J 7 /-</u>	2019385802	2019376088
<u>G09G 3 /-</u>	2019386913	2019384926	2019390284	2019452573
2019411520		2019386057	2019391789	2020241859
	<u>H01H 85 /-</u>	2019393792	2019392478	
<u>G09G 5 /-</u>	2019387314	2019397506	2019401240	<u>H04W 72 /-</u>
2019411520		2019452573	2020211396	2019376088
	<u>H01L 27 /-</u>	<u>H02K 1 /-</u>	2020212529	2019395964
<u>G10K 11 /-</u>	2019421376	2018453979	2020241859	
2019393993	2020209450		<u>H04L 5 /-</u>	<u>H04W 92 /-</u>
2019400384	2020364314	<u>H02K 15 /-</u>	2019372678	2018455860
		2018453979	2019373174	
<u>G11B 27 /-</u>	<u>H01L 31 /-</u>	<u>H02K 21 /-</u>	<u>H04L 9 /-</u>	<u>H05H 1 /-</u>
2019375976	2019390365	2019391769	2019389028	2019370153
			2019396129	
<u>G16B 20 /-</u>	<u>H01L 39 /-</u>	<u>H02K 7 /-</u>	2019398504	<u>H05K 1 /-</u>
2019370896	2019421376	2019391769	2019399138	2020343214
	2020209450		2020235010	
<u>G16B 30 /-</u>	2020211895	<u>H02P 29 /-</u>	<u>H04M 1 /-</u>	<u>H05K 9 /-</u>
2019401636		2020342301	2019357834	2020340931
	<u>H01M 10 /-</u>			
<u>G16B 35 /-</u>	2019376429	<u>H02S 40 /-</u>	<u>H04M 3 /-</u>	
2019370896	2019387113	2019388238	2019402106	
		2019388525	2019417030	
<u>G16H 10 /-</u>	<u>H01M 4 /-</u>		<u>H04M 7 /-</u>	
2019397034	2019387113	<u>H02S 50 /-</u>	2019402106	
			2019417030	
<u>G16H 20 /-</u>	<u>H01M 6 /-</u>	2019388238		
2019372125	2019387113	2019388525	<u>H04N 19 /-</u>	
			2019384016	
	<u>H01M 8 /-</u>	<u>H03K 3 /-</u>	2019390215	
	2019383284	2019389858		

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A61B 17/32 (2006.01)
A61M 1/00 (2006.01)
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2015315003	Gauglitz, W.K.	2016366211	Bristol-Myers Squibb Company
2015334468	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Institut Gustave Roussy; Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Paris-Sud	2016367209	Ventana Medical Systems, Inc.
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2015356241	Satake Corporation; Mechano Transformer Corporation; Kuroda Pneumatics Ltd.	2016408216	Rocsole Ltd
2015360309	Nevados Engineering, Inc.	2016422870	Halliburton Energy Services, Inc.
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2016235809	GBS Holdings LLC	2017257657	Raytheon Company
2016236466	Neitec Sp. Z O.O.	2017269052	Dalfsen Van, H.
2016241572	Fisher & Paykel Healthcare Limited	2017272215	Warsaw Orthopedic, Inc.
2016247212	SIMONELLI GROUP S.P.A.	2017277732	Les Laboratoires Servier; Vernalis (R&D) Limited
2016258772	Laerdal Medical AS	2017292754	The Rockefeller University; Icahn School of Medicine at Mount Sinai
2016265042	Stabilcorp Pty Ltd	2017298421	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2016265703	Vertical Optics, LLC	2017301080	Heye International GmbH
2016270753	Durga Enterprises, LLC	2017301632	Accriva Diagnostics, Inc.
2016273851	Adobe Inc.	2017326101	Qualcomm Incorporated
2016274655	HOOKIPA Biotech GmbH	2017329865	Worg Pharmaceuticals (Hangzhou) Co., Ltd.
2016275571	Glencore Technology Pty Limited; Commonwealth Scientific and Industrial Research Organisation	2017362465	Casale SA
2016280233	Zeiser Engineering UAB	2017374402	LG Electronics Inc.
2016287571	Kaleo, Inc.	2017377840	Muanchart, M.
2016287843	Rani Therapeutics, LLC	2017392744	Huawei Technologies Co., Ltd.
2016294588	Treace Medical Concepts, Inc.	2017396680	HotaluX, Ltd.
2016297014	Novartis AG; The Trustees of the University of Pennsylvania	2017433843	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2016298543	CareFusion 303, Inc.	2017442633	Colgate-Palmolive Company
2016303356	Nuron Limited	2018207776	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2016304389	Silixa Ltd.; Chevron U.S.A. Inc.	2018243311	Honeywell International Inc.
2016306713	University of Tasmania	2018251992	Spirox, Inc.
2016309618	Sensus Spectrum LLC	2018258112	Honeywell International Inc.
2016311067	Smith & Nephew, Inc.	2018263972	LSI Solutions, Inc.
2016312995	Evolution Optiks Limited	2018265192	GlaxoSmithKline Intellectual Property Development Limited
2016313019	Becton Dickinson Rowa Germany GmbH	2018271157	Merus N.V.
2016315939	DEKA Products Limited Partnership		

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2018278283	Oncostellae, S.L.	2019217894	Boston Scientific Scimed, Inc.
2018282374	Virginia Tech Intellectual Properties, Inc.	2019221570	Advanced New Technologies Co., Ltd.
2018288311	Inventio AG	20192228348	CC European Retail A/S; K. Hartwall Oy Ab
2018288761	W. L. Gore & Associates, Inc.	2019232926	ServiceNow, Inc.
2018289383	Cell Design Labs, Inc.	2019232944	LG Electronics Inc.
2018295574	Bio-Gene Technology Limited	2019234361	Ways Investments, LLC
2018295576	Bio-Gene Technology Limited	2019235374	BSN Medical GmbH
2018310375	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	2019236693	3M Innovative Properties Company
2018312656	Lei, Z.; Lei, X.	2019240718	Applied Medical Resources Corporation
2018313193	GC Corporation	2019250267	University Health Network
2018314055	LG Electronics Inc.	2019253867	SRG Global IP Pty Ltd
2018315056	Queensland University of Technology	2019257537	ARRIS Enterprises LLC
2018317790	Mayer, F.	2019261749	Zhang, C.
2018322958	Uber Technologies, Inc.	2019261794	LANDA LABS (2012) LTD
2018323576	Samsung Electronics Co., Ltd.	2019261818	MedicalTree Patent Ltd
2018335908	Kyungdong Navien Co., Ltd.	2019264519	Allergan, Inc.
2018344394	GlaxoSmithKline Consumer Healthcare (UK) IP Limited	2019268641	BP Consulting, Inc.
2018347467	ExxonMobil Upstream Research Company	2019271988	CORIN LIMITED
2018347541	Gilead Sciences, Inc.	2019272022	Intellijoint Surgical Inc.
2018348907	Schenck Process Europe GmbH	2019272066	Instrumentation Laboratory Company
2018355717	British American Tobacco (Investments) Limited	2019275586	LART Bio Co., Ltd.
2018355904	Eteros Technologies Inc.	2019275669	Avery Dennison Corporation; PPG Coatings Europe BV
2018359245	Zodiac Pool Systems LLC	2019283788	Illumina, Inc.
2018359385	Ab Initio Technology LLC	2019283817	3M Innovative Properties Company
2018361151	Huawei Technologies Co., Ltd.	2019283819	3M Innovative Properties Company
2018366094	Auckland University of Technology	2019283852	LG Electronics Inc.
2018368821	Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences	2019283875	DM Systems, Incorporated
2018374073	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd	2019283928	Vyair Medical Consumables LLC
2018374981	Ningbo Homelink Eco-iTech Co., Ltd.	2019284000	NAVICO HOLDING AS
2018379945	Japan Cash Machine Co., Ltd.	2019284030	SunCoke Technology and Development LLC
2018387999	Oji Holdings Corporation	2019296794	CRRC Qiqihar Rolling Stock Co., Ltd.
2018390429	Illumina, Inc.	2019359836	China University of Mining and Technology
2018394844	Yazaki Energy System Corporation	2019380875	Jen Global Pty Ltd
2018403930	Qingdao Haier Co., Ltd.	2019385784	Shandong University of Science and Technology
2018404498	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019389272	Dentsply DeTrey GmbH
2018416541	Komatsu Ltd.	2019396124	Magnetica Limited
2018418871	Micro Motion, Inc.	2019400473	Fuchs Petrolub SE
2018423401	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019406116	Zebra Technologies Corporation
2018428522	Qingdao Haier Co., Ltd.	2019425534	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2019200289	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2019438435	Crop Research Institute, Shandong Academy of Agricultural Sciences
2019201084	Brien Holden Vision Institute Limited	2020200105	Apple Inc.
2019201826	MUSC Foundation for Research Development; The Regents of the University of Colorado, A Body Corporate; Department of Veterans Affairs (US)	2020200238	Toyota Motor North America, Inc.
2019202859	QUANTA ASSOCIATES, L.P.	2020200400	Colgate-Palmolive Company
2019203633	Case Western Reserve University	2020200723	ServiceNow, Inc.
2019203644	Sayfa R&D Pty Ltd	2020201503	BeulahWorks, LLC
2019203771	Nine IP Limited	2020202472	Becton, Dickinson and Company
2019203837	AMO Development, LLC	2020202699	Accenture Global Solutions Limited
2019203895	Ocado Innovation Limited	2020203716	Niu, Q.
2019204004	Martin, D.	2020203915	Pure Storage, Inc.
2019204390	Strong Arm Technologies, Inc.	2020204286	Minerva Neurosciences, Inc.
2019204443	Retrotope, Inc.	2020205244	Kimura Kohki Co., Ltd.
2019204682	Mestek Machinery, Inc	2020209708	Dunlop, C.
2019204724	Advanced New Technologies Co., Ltd.	2020210249	Inspire Medical Systems, Inc.
2019204826	Schneider Electric USA, Inc.	2020217364	NZ Tube Mills Limited
2019208203	Rubius Therapeutics, Inc.	2020233720	CRISI Medical Systems, Inc.
2019208264	Snap-on Incorporated	2020238942	Coupage Corp.
2019209204	Illumina, Inc.	2020244430	Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2019210569	Velos Media International Limited	2020257030	SOUTH PLASTIC INDUSTRY CO., LTD.
2019210573	Apple Inc.	2020257147	Citrix Systems, Inc.
2019211014	Cabin Air Group B.V.	2020281012	SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION
2019212769	Greening Be Gone, LLC	2020294171	SNIPR Technologies Limited
2019213345	ICU Medical, Inc.	2021201372	DEKA Products Limited Partnership
2019216686	Dizmo AG	2021202293	Thach, M.L.; Hoogland, J.

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<u>A01D 34 /-</u>	<u>A23L 33 /-</u>	<u>A61B 1 /-</u>	<u>A61G 5 /-</u>	<u>A61K 48 /-</u>	2016298543
2018355904	2017221673	2015367923	2020200238	2016297014	2016383026
<u>A01D 41 /-</u>	<u>A23L 5 /-</u>	2016315939	<u>A61G 7 /-</u>	2018289383	2019236693
2016222356	2017225307	2018288761	2019283875	<u>A61K 8 /-</u>	2020202472
<u>A01D 45 /-</u>	<u>A23P 10 /-</u>	<u>A61B 17 /-</u>	<u>A61J 1 /-</u>	<u>A61N 1 /-</u>	2020233720
2018355904	2017225307	2015367923	2019213345	2017221673	2016356557
<u>A01F 12 /-</u>	<u>A24F 47 /-</u>	2016294588	2019236693	2017442633	2019203633
2016222356	2018355717	2016343950	2020202472	2018344394	2020210249
<u>A01G 13 /-</u>	<u>A41D 13 /-</u>	2019283817	<u>A61K 31 /-</u>	<u>A61K 9 /-</u>	<u>A61P 1 /-</u>
2019203771	2016231559	<u>A61B 18 /-</u>	2015370903	2016270753	2016212030
2020217364	<u>A41D 27 /-</u>	2016311067	2016212030	2016287843	<u>A61P 13 /-</u>
<u>A01G 17 /-</u>	2016231559	2017245575	2016225037	2019217894	2019250267
2020217364	<u>A45C 1 /-</u>	2019201084	2016270753	2019264519	2019264519
<u>A01G 3 /-</u>	2018317790	2019203837	2016366211	<u>A61L 27 /-</u>	<u>A61P 17 /-</u>
2018355904	<u>A45C 11 /-</u>	<u>A61B 3 /-</u>	2017206820	2019264519	2018278283
<u>A01G 9 /-</u>	2018317790	2017217663	2017221673	<u>A61M 1 /-</u>	<u>A61P 19 /-</u>
2017377840	<u>A46B 9 /-</u>	2017222215	2017277732	2019236693	2017272215
2019203771	2020200400	2017292754	2017292754	2019283817	2018387999
2020217364	<u>A46D 1 /-</u>	2017298421	2018265192	2019283928	2019250267
<u>A01H 5 /-</u>	2020200400	2018271157	2018278283	2021201372	<u>A61P 25 /-</u>
2019438435	<u>A47C 21 /-</u>	2018347541	2018387999	<u>A61M 11 /-</u>	2015370903
<u>A01N 25 /-</u>	2019204004	2018379999	2019204443	2018355717	2017298421
2019212769	<u>A47C 31 /-</u>	2019250267	2019250267	<u>A61M 13 /-</u>	2020204286
<u>A01N 35 /-</u>	2019204004	2020204286	2020294171	2015367923	<u>A61P 27 /-</u>
2018295574	<u>A47H 11 /-</u>	<u>A61C 13 /-</u>	<u>A61K 35 /-</u>	<u>A61M 15 /-</u>	2019201826
2018295576	2019204004	2019389272	2015334468	2018355717	2019204443
<u>A01N 37 /-</u>	<u>A47J 31 /-</u>	<u>A61C 5 /-</u>	2017231108	<u>A61M 16 /-</u>	<u>A61P 29 /-</u>
2019212769	2016247212	2018313193	2018289383	2016241572	2018387999
<u>A01N 43 /-</u>	<u>A47J 37 /-</u>	<u>A61F 13 /-</u>	2019208203	2018366094	<u>A61P 3 /-</u>
2018207776	2019380875	2019235374	2020294171	2019283928	2016287843
<u>A01N 55 /-</u>	2016247212	2019283817	<u>A61K 38 /-</u>	2020209708	2017231108
2016347498	<u>A47J 43 /-</u>	2019283819	2015339134	<u>A61M 25 /-</u>	<u>A61P 31 /-</u>
<u>A01P 7 /-</u>	2016206210	2019283875	2017231108	2019283928	2018265192
2018295574	<u>A47K 13 /-</u>	<u>A61F 2 /-</u>	2019250267	2019283928	2018347541
2018295576	2015263995	2016287843	<u>A61K 39 /-</u>	<u>A61M 27 /-</u>	<u>A61P 35 /-</u>
<u>A23B 4 /-</u>	2019380875	2016343950	2015334468	2019283817	2017277732
2019380875	<u>A47L 15 /-</u>	2018251992	2016228514	<u>A61M 35 /-</u>	2018387999
<u>A23C 9 /-</u>	2019283852	2019201084	2016274655	2020294171	2020294171
2017269052	<u>A47M 9 /-</u>	2019261818	2017329865	<u>A61M 37 /-</u>	2017329865
		2019271988	2018271157	2019236693	2018387999
		2019272022	2019201826	2019283928	2019201826
		<u>A61F 5 /-</u>	2019208203	2020233720	2020294171
		2016294588	<u>A61K 45 /-</u>	<u>A61M 39 /-</u>	<u>A61P 43 /-</u>
		<u>A61F 9 /-</u>	2016212030	2019236693	2019201826
		2019264519	2018265192	2019283928	2020294171
			<u>A61K 47 /-</u>	2020233720	
			2019217894	<u>A61M 5 /-</u>	
				2015414726	
				2016287571	

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<u>A61P 7 /-</u>	2019208264	<u>B65H 29 /-</u>	<u>C07D 211 /-</u>	<u>C07D 491 /-</u>	<u>C08F 220 /-</u>
2015339134	<u>B26F 1 /-</u>	2018379945	2016366211	2018347541	2018366094
<u>A61P 9 /-</u>	2019208264	<u>B65H 31 /-</u>	<u>C07D 213 /-</u>	<u>C07D 495 /-</u>	<u>C08F 251 /-</u>
2016366211	<u>B29C 64 /-</u>	2018379945	2017206820	2016347498	2018366094
2018387999	2020202699	<u>B66B 7 /-</u>	<u>C07D 215 /-</u>	2017277732	<u>C08F 293 /-</u>
<u>A61Q 11 /-</u>	<u>B33Y 50 /-</u>	2018288311	2016347498	<u>C07D 498 /-</u>	2017216176
2017442633	2020202699	<u>B66C 1 /-</u>	<u>C07D 217 /-</u>	<u>C07D 513 /-</u>	<u>C08G 69 /-</u>
2018344394	<u>B41J 2 /-</u>	2019211014	2017217663	2017206820	2017213545
<u>A61Q 19 /-</u>	<u>B41J 3 /-</u>	2019211014	<u>C07D 231 /-</u>	<u>C07F 5 /-</u>	<u>C08J 3 /-</u>
2017221673	2019261794	<u>B66C 23 /-</u>	2017206820	2017230853	2016340018
<u>A63B 21 /-</u>	<u>B41J 3 /-</u>	2019211014	<u>C07D 233 /-</u>	<u>C07F 7 /-</u>	<u>C08K 3 /-</u>
2021202293	2019261794	<u>B67D 1 /-</u>	2018347541	2016347498	2016340018
<u>A63B 23 /-</u>	<u>B61G 3 /-</u>	2016357748	<u>C07D 241 /-</u>	<u>C07H 11 /-</u>	<u>C08L 27 /-</u>
2019204390	2019296794	<u>B82Y 30 /-</u>	2016347498	2018387999	2017216176
<u>A63B 71 /-</u>	<u>B62B 3 /-</u>	2016340018	<u>C07D 303 /-</u>	<u>C07H 21 /-</u>	<u>C08L 67 /-</u>
2019204390	2019228348	<u>B82Y 40 /-</u>	2018374981	2015229083	2018374981
<u>B01D 61 /-</u>	<u>B64F 1 /-</u>	2016340018	<u>C07D 401 /-</u>	<u>C07H 5 /-</u>	<u>C08L 77 /-</u>
2017269052	2017396680	<u>C01B 21 /-</u>	2016347498	2019250267	2017213545
<u>B01D 71 /-</u>	<u>B65D 1 /-</u>	2017362465	2017206820	<u>C07J 9 /-</u>	<u>C09D 5 /-</u>
2017216176	2020257030	<u>C01C 1 /-</u>	2017292754	2017272215	2019275669
<u>B01F 3 /-</u>	<u>B65D 19 /-</u>	2017362465	2018347541	<u>C07K 14 /-</u>	2019400473
2016340018	2019228348	<u>C02F 1 /-</u>	2020204286	<u>C07K 16 /-</u>	<u>C09J 11 /-</u>
<u>B01L 3 /-</u>	<u>B65D 35 /-</u>	2018359245	<u>C07D 403 /-</u>	2016228514	2019268641
2017245831	2018310375	<u>C02F 103 /-</u>	2018207776	2016274655	<u>C09J 167 /-</u>
<u>B03B 5 /-</u>	<u>B65D 43 /-</u>	2018359245	2018347541	2016297014	2019268641
2018282374	2020257030	<u>C03B 19 /-</u>	<u>C07D 405 /-</u>	2017231108	<u>C09K 15 /-</u>
<u>B05C 5 /-</u>	<u>B65D 47 /-</u>	2017301080	2017221673	2017329865	2019268641
2018313193	2016235809	<u>C05C 1 /-</u>	2018347541	2018289383	<u>C09K 15 /-</u>
<u>B06B 1 /-</u>	<u>B65D 83 /-</u>	2017362465	<u>C07D 413 /-</u>	2019250267	2019268641
2019284000	2017241032	<u>C05C 9 /-</u>	2017206820	<u>C07K 16 /-</u>	<u>C09K 5 /-</u>
<u>B07C 5 /-</u>	<u>B65D 88 /-</u>	2017362465	2018347541	2015334468	2016340018
2015356241	2018310375	<u>C07C 273 /-</u>	<u>C07D 417 /-</u>	2016297014	<u>C09K 8 /-</u>
<u>B21D 5 /-</u>	<u>B65D 90 /-</u>	2017362465	2018347541	2018271157	2015409637
2016280233	2018310375	<u>C07C 29 /-</u>	<u>C07D 471 /-</u>	2018289383	2016422870
<u>B21K 5 /-</u>	<u>B65G 1 /-</u>	2017205691	2016347498	<u>C07K 19 /-</u>	<u>C10B 15 /-</u>
2019208264	2016313019	<u>C07C 31 /-</u>	2017206820	2019201826	2019284030
2019203895	2019203895	2017205691	2017277732	<u>C07K 7 /-</u>	<u>C10B 29 /-</u>
<u>B23K 10 /-</u>	<u>B65G 47 /-</u>	2017205691	2017298421	2017231108	2019284030
2019204682	2016313019	<u>C07D 209 /-</u>	2018278283	<u>C08B 37 /-</u>	2019284030
<u>B23P 15 /-</u>	2016313019	2017209023	2018347541	2018387999	<u>C10J 3 /-</u>
		2017221673		2019250267	2020203716
				2018366094	<u>C10L 1 /-</u>

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2017217780	<u>D04H 3/-</u>	2019203644	2017396680	<u>G01F 1/-</u>	<u>G02B 26/-</u>
2017217781					
2017217783	2019235374	<u>E06C 9/-</u>	<u>F21V 21/-</u>	2016303356	2016367209
<u>C10L 10/-</u>	<u>D06F 34/-</u>	2019203644	2017396680	2016304389	<u>G02B 27/-</u>
2017217780	2018314055	<u>E21B 19/-</u>	<u>F21Y 101/-</u>	2016309618	
2017217781				2018418871	2016265703
2017217783	<u>D06F 35/-</u>	2016211732	2017396680	2020233720	2019209204
<u>C12M 1/-</u>	2017374402	<u>E21B 21/-</u>	<u>F21Y 115/-</u>	<u>G01F 15/-</u>	<u>G02C 7/-</u>
2015277059	<u>D06F 58/-</u>	2016316563	2017396680	2016303356	2015373501
<u>C12M 3/-</u>	2017374402	<u>E21B 23/-</u>	<u>F23D 14/-</u>	<u>G01L 11/-</u>	2016312995
2016232975	2018314055			2016303356	2019201084
	<u>E01C 11/-</u>	2015415124	2018335908	<u>G01M 5/-</u>	<u>G03B 15/-</u>
<u>C12N 1/-</u>	2019253867	<u>E21B 3/-</u>	<u>F24F 11/-</u>	2018348907	2016265703
2016228514		2016211732	2018243311	<u>G01M 7/-</u>	<u>G04G 19/-</u>
<u>C12N 15/-</u>	<u>E01C 19/-</u>	<u>E21B 33/-</u>	<u>F24F 110/-</u>	2018348907	2015414468
2015207773	2016265042				<u>G04G 21/-</u>
2015269187	<u>E02F 9/-</u>	2015415124	2018243311	<u>G01N 21/-</u>	2015414468
2015284464		<u>E21B 34/-</u>	<u>F24F 130/-</u>	2016232975	<u>G04G 3/-</u>
2015370903	2018416541			2019272066	
2017231108	<u>E04B 1/-</u>	2016316563	2018243311	2019283788	2015414468
2019275586		<u>E21B 43/-</u>	<u>F24T 10/-</u>	<u>G01N 27/-</u>	<u>G05D 1/-</u>
<u>C12N 5/-</u>	2018394844			2016408216	2019203895
2014373637	2019253867	2015409637	2019359836	<u>G01N 29/-</u>	<u>G06F 1/-</u>
2019208203	<u>E04B 2/-</u>	<u>E21B 44/-</u>	<u>F25B 15/-</u>	2016304389	2015410432
<u>C12N 9/-</u>	2019261749	2016316563	2018394844	2020281012	<u>G06F 15/-</u>
2015284464	<u>E04D 13/-</u>	<u>E21B 47/-</u>	<u>F25D 11/-</u>	<u>G01N 33/-</u>	2020200723
<u>C12P 19/-</u>	2016202581	2018347467	2018428522	2015230017	2019232926
2015277059	<u>E04F 10/-</u>	<u>E21F 3/-</u>	<u>F25D 19/-</u>	2015296551	2020201503
2019200289	2019203771	2019359836	2019232944	2015334468	2020238942
<u>C12Q 1/-</u>	<u>E04H 15/-</u>	<u>F04B 13/-</u>	<u>F25D 23/-</u>	2017301632	
2015229083	2019203771	2017301632	2019232944	2017329865	
2015276309				2018315056	
2015277059	<u>E04H 4/-</u>	<u>F04D 29/-</u>	<u>F25D 25/-</u>	2019272066	
2015284464	2018359245	2019385784	2018403930	<u>G01N 9/-</u>	<u>G06F 17/-</u>
2016205179	<u>E05D 15/-</u>	<u>F15D 1/-</u>	<u>F27B 1/-</u>	2018418871	2018374073
2019200289	2018394844	2020281012	2016275571	2019204826	2020202699
<u>C12R 1/-</u>	<u>E06B 3/-</u>	<u>F16D 55/-</u>	<u>F28D 1/-</u>	<u>G01R 19/-</u>	<u>G06F 21/-</u>
2014373637	2018394844	2016354121	2020205244	2019204826	2016236466
<u>C22B 15/-</u>	<u>E06B 5/-</u>	<u>F16D 65/-</u>	<u>F41H 1/-</u>	<u>G01R 21/-</u>	<u>G06F 3/-</u>
2016275571	2018394844			2019204826	2016312995
<u>C25B 1/-</u>	<u>E06B 9/-</u>	<u>F16L 41/-</u>	<u>G01C 21/-</u>	<u>G01R 33/-</u>	2019216686
2018359245	2016202367	2019385784	2016358719	2019396124	2020200105
<u>D04G 1/-</u>	2019203771	<u>F16L 59/-</u>	2018322958	<u>G01S 5/-</u>	2020203915
2019203771	<u>E06C 1/-</u>	<u>F21S 2/-</u>	<u>G01D 5/-</u>	<u>G02B 21/-</u>	<u>G06F 40/-</u>
<u>D04H 11/-</u>	2019203644			2016232975	2019232926
2019235374	<u>E06C 7/-</u>			2019209204	<u>G06F 8/-</u>
				2019283788	2020238942
					<u>G06F 9/-</u>
					2018359385

Applications Accepted - IPC Index cont'd

2019210573	2018323576	<u>H02K 7 /-</u>	<u>H04W 48 /-</u>
2019216686			
2020238942	<u>G10H 1 /-</u>	2017374402	2017257657
2020257147			
	2016358829	<u>H02S 20 /-</u>	<u>H04W 52 /-</u>
<u>G06K 19 /-</u>			
	<u>G10H 3 /-</u>	2015360309	2018404498
2016298543			
	2016358829	<u>H02S 30 /-</u>	<u>H04W 64 /-</u>
<u>G06K 7 /-</u>			
	<u>G10K 11 /-</u>	2015360309	2017257657
2016298543			
2019406116	2019284000	<u>H04B 10 /-</u>	<u>H04W 72 /-</u>
<u>G06K 9 /-</u>	<u>G10L 15 /-</u>	2019257537	2017254696
			2017392744
2016273851	2019234361	<u>H04B 11 /-</u>	2017433843
2016326330			2018361151
2017216604	<u>G21F 9 /-</u>	2018347467	
<u>G06N 3 /-</u>	2017230853	<u>H04B 7 /-</u>	
2017216604	<u>H01L 27 /-</u>	2019406116	
<u>G06Q 10 /-</u>	2018390429	<u>H04L 12 /-</u>	
2019203895	<u>H01L 31 /-</u>	2018347467	
<u>G06Q 30 /-</u>	2015360309	<u>H04L 29 /-</u>	
	2020244430		
2015315003		2018258112	
	<u>H01L 35 /-</u>	2019221570	
<u>G06Q 50 /-</u>		2019406116	
	2020281012		
2015315003	<u>H01M 10 /-</u>	<u>H04L 5 /-</u>	
<u>G06T 19 /-</u>	2018368821	2017221367	
		2017247135	
2018322958	<u>H01M 4 /-</u>	<u>H04L 9 /-</u>	
<u>G06T 5 /-</u>	2018368821	2019204724	
		2019406116	
2016225778	<u>H01R 107 /-</u>	<u>H04N 19 /-</u>	
<u>G06T 7 /-</u>	2017254372	2019210569	
2017206291	<u>H01R 13 /-</u>	<u>H04N 5 /-</u>	
2018322958			
<u>G06T 9 /-</u>	2017254372	2018323576	
2015410435	<u>H01R 24 /-</u>	<u>H04N 7 /-</u>	
<u>G07D 9 /-</u>	2016215466	2018323576	
2018379945	<u>H01R 9 /-</u>	<u>H04R 5 /-</u>	
<u>G07F 11 /-</u>	2016215466	2015410432	
2016313019	<u>H02G 1 /-</u>	<u>H04W 12 /-</u>	
<u>G07F 17 /-</u>	2019202859	2017257657	
		2019406116	
2016313019	<u>H02J 13 /-</u>		
<u>G09B 19 /-</u>	2019204826	<u>H04W 16 /-</u>	
2016358719	<u>H02J 3 /-</u>	2017254696	
		2017257657	
<u>G09B 23 /-</u>	2019425534	2017326101	
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<u>G09G 5 /-</u>	2018423401	2015315003	
		2017257657	
2016312995			

Certified Innovation Patents

Name Index

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

(71) Apple Inc.
 (11) AU-B-2020102158
 (21) 2020102158 (22) 07.09.2020
 (54) Techniques for managing display usage
 (51) Int. Cl.
G09G 5/10 (2006.01)
 (31) PCT/ (32) 11.08.20 (33) IB
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 PA 201970598 26.09.19 DK
 PA 201970599 26.09.19 DK
 (45) 17.06.2021
 (72) GUZMAN, Aurelio; AGNOLI, Giovanni M.; BUTCHER, Gary Ian; CHAO, Edward; CHEN, Kevin Will; DYE, Alan C.; EDWARDS, Dylan Ross; FELTON, Nicholas; LEMAY, Stephen O.; NIE, Yiqiang; PAGE, Pani; SUNDSTROM, Matthew J.; WEISS, Jacob Z.; WILLIAMS, Aled Hywel; WILSON, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) Five Rings Aerospace Pty Ltd
 (11) AU-B-2020102223
 (21) 2020102223 (22) 11.09.2020
 (54) STRETCHER LOADER SYSTEM
 (51) Int. Cl.
A61G 3/08 (2006.01)
A61G 1/02 (2006.01)
A61G 1/06 (2006.01)
A61G 3/02 (2006.01)
B64D 11/00 (2006.01)
 (31) 2019903424 (32) 13.09.19 (33) AU
 (45) 17.06.2021
 (72) Chipperfield, David William; Fear, Alan Raymond Ross; Hanlon, Gregory Richard; Robertson, Bruce James; Secomb, Glenn Newton
 (74) Madderns Pty Ltd

(71) Good Water Holdings Pty Ltd
 (11) AU-B-2020102575
 (21) 2020102575 (22) 02.10.2020
 (54) CENTRE BYPASS MUD HAMMER
 (51) Int. Cl.
E21B 1/26 (2006.01)
E21B 4/14 (2006.01)
E21B 10/36 (2006.01)
E21B 21/08 (2006.01)
E21B 21/10 (2006.01)
 (45) 17.06.2021
 (72) STRANGE, Warren
 (74) K&L Gates

(71) Grassports Australia Pty Ltd
 (11) AU-B-2016101718
 (21) 2016101718 (22) 23.09.2016
 (54) Sports Training Aid
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A63B 69/00 (2006.01)
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 (72) Evans, Bernard Geoffrey
 (74) Griffith Hack

(71) Patriot Campers Holdings Pty Ltd
 (11) AU-B-2018102143
 (21) 2018102143 (22) 02.11.2018
 (54) AUTOMOTIVE TRAY AND ASSEMBLY METHOD
 (51) Int. Cl.
B60P 3/00 (2006.01)
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 (31) 2017905111 (32) 21.12.17 (33) AU
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 (72) Beet, Jack
 (74) Spruson & Ferguson

(71) Xiamen Water Nymph Sanitary Technology Co., Ltd.; ZHOU, H.
 (11) AU-B-2021100467
 (21) 2021100467 (22) 25.01.2021
 (54) Water Outlet Device
 (51) Int. Cl.
E03C 1/08 (2006.01)
E03C 1/084 (2006.01)
E03C 1/086 (2006.01)
 (31) 202010646694.1 (32) 07.07.20 (33) CN
 (45) 17.06.2021
 (72) ZHOU, Huaqiang
 (74) Michael Buck IP

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B60P 3 /-

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B60R 5 /-

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E21B 1 /-

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E21B 10 /-

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E21B 21 /-

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E21B 4 /-

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G09G 5 /-

2020102158

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2015249553 **ModernaTX, Inc.** (Epiphany Law Pty Ltd)
- 2019312557 **IB Operations Pty Ltd** (Steinert Australia Pty Ltd)

Applications Withdrawn

- 2018271355 **Netflix, Inc.** (FOXTEL Management Pty Ltd)

Patents Granted

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2015218542	2015219097	2015228818	2015232352
2015238768	2015249086	2015252858	2015261278
2015261561	2015263482	2015263963	2015264038
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2015273933	2015276235	2015277261	2015281798
2015287227	2015288954	2015290560	2015301630
2015308614	2015308717	2015308987	2015311623
2015312013	2015315007	2015320980	2015321517
2015325043	2015329934	2015330688	2015331904
2015332095	2015332207	2015332208	2015334634
2015338891	2015343728	2015349722	2015354933
2015357151	2015358512	2015362659	2015365620
2015367329	2015370942	2015371725	2015374301
2015380318	2015384083	2015399459	2015400019
2015400261	2015401500	2015409117	2015409263
2015413751	2015416886	2016200068	2016200686
2016200911	2016201122	2016202219	2016202783
2016204499	2016204988	2016206404	2016207095
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2016261504	2016262615	2016264321	2016264323
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2016355540	2016358498	2016360513	2016360719
2016360831	2016361714	2016363006	2016364958
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2021102297	2021102298	2021102299	2021102300
2021102301	2021102302	2021102307	2021102308
2021102310	2021102313	2021102314	2021102316
2021102318	2021102321	2021102322	2021102323
2021102324	2021102328	2021102338	2021102339
2021102344	2021102346	2021102357	2021102358
2021102359			

Offer to Surrender

It is hereby notified that **Meat & Livestock Australia Limited Level 1 40 Mount Street , North Sydney NSW 2060** , the Patentee of Patent 2005233651 dated 05.01.2012 for an invention titled ' Integrated animal management system and method' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 01.06.2021 , Patent 2020104213 in the name of **Kataria, A.; Makkar, S.; Rani, S.; Tiwari, R.; Sidhu, N.; Mittal, P.** has been revoked in relation to Revoked by Commissioner under Section s101F(3) of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 01.06.2021 , Patent 2020103214 in the name of **Singh, R.; Nand, P.; Kumar Mishra, P.; Yadav, V.; Pal, P.; Awasthi, C.; Saxena, A.; Ather, D.; Rastogi, A.; Agarwal, A.** has been revoked in re-

Revocation

lation to Revoked by Commissioner under Section s101F(3) of the Patents Act.

Assignments Registered

- 2001285093 Farmers Union Industries, LLC The patent has been assigned to **sWheat Scoop, LLC**
- 2003225348 Teleflex Life Sciences Unlimited Company The patent has been assigned to **Teleflex Life Sciences LLC**
- 2005220276 Aqua Diagnostic Pty Ltd. The patent has been assigned to **579453 Ontario Inc.**
- 2005235370 Shire ViroPharma LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2005308630 Monitise Limited The patent has been assigned to **Fiserv, Inc.**
- 2007242767 Ixwaves Sarl The patent has been assigned to **IXBlue**
- 2010269117 Teleflex Life Sciences Unlimited Company The patent has been assigned to **Teleflex Life Sciences LLC**
- 2010282221 Teleflex Life Sciences Unlimited Company The patent has been assigned to **Teleflex Life Sciences LLC**
- 2010308902 Kubota Corporation; Nippon Steel Corporation The patent has been assigned to **Kubota Corporation**
- 2012234915 Ocvitti Pty Ltd The patent has been assigned to **OC-AG PTY LTD**
- 2012255696 Fugro ROAMES Pty Ltd. The patent has been assigned to **Fugro Advance Pty Ltd.**
- 2012308088 Ocvitti Pty Ltd The patent has been assigned to **OC-AG PTY LTD**
- 2013351058 Pharmacosmos A/S The patent has been assigned to **Pharmacosmos Holding A/S**
- 2013363390 Alcoa USA Corp. The patent has been assigned to **Alcoa Warrick LLC**
- 2014203315 Teleflex Life Sciences Unlimited Company The patent has been assigned to **Teleflex Life Sciences LLC**
- 2014232153 Hunan Skyworld Biotechnologies Co. The patent has been assigned to **HAO, XIUJUAN**
- 2014235380 Myriad Genetics, Inc. The patent has been assigned to **Myriad myPath, LLC**
- 2014260519 APL Technology AS The patent has been assigned to **APL Norway AS**
- 2014352846 Shire ViroPharma LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2014362272 Newmont USA Limited The patent has been assigned to **Niche Innovations Pty Ltd.**
- 2015215915 Nagle, Robert The patent has been assigned to **J.A.S. Contracting Pty Ltd**
- 2015223798 National University Corporation Saitama University; Public University Corporation Yokohama City University The patent has been assigned to **Public University Corporation Yokohama City University**
- 2015229212 Agios Pharmaceuticals, Inc The patent has been assigned to **Les Laboratoires Servier SAS**

Assignments Registered

2015229214 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2015231053 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2016244121 Captozyme, LLC The patent has been assigned to **Oxidien Pharmaceuticals, LLC**

2016246603 Hunan SkyWorld Biotechnologies Co. Ltd The patent has been assigned to **HAO, XIUJUAN**

2016267091 Hunan SkyWorld Biotechnologies Co. Ltd The patent has been assigned to **HAO, XIUJUAN**

2017101748 Visual Developments (Qld) Pty Ltd The patent has been assigned to **Nome Holdings Pty Ltd ATF Nome Asset Holdings Trust**

2018100117 ECODRIVE SOLUTIONS LIMITED The patent has been assigned to **Felder, Nicholas**

2021100183 Yueqing Zhishun Electric Co., Ltd. The patent has been assigned to **DALIAN INO-TECH CO., LTD.**

Discharge of a Mortgage

2014232153 Discharge of a Mortgage was made in the Register on 07.06.2021 .

2016246603 Discharge of a Mortgage was made in the Register on 07.06.2021 .

2016267091 Discharge of a Mortgage was made in the Register on 07.06.2021 .

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

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.

2014228324 **Janssen Pharmaceutica NV**

The earliest first regulatory approval date provided by the patentee 09 Mar 2021

For the goods SPRAVATO esketamine

Address for service : Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

Extensions granted

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

2011324137 **AFT Pharmaceuticals Limited**

The earliest first regulatory approval date provided by the patentee 22 Jul 2019

For the goods MAXIGESIC IV paracetamol and ibuprofen (as sodium dihydrate)

Extension of Term of patent pursuant to Section 77 expires on 22 Jul 2034

Corrigenda

In Vol 34 , No 27 , Page(s) 3824 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

Technip France, Application No. 2018387801, under INID (71) correct the applicant name to TECHNIP N-POWER

In Vol 35 , No 15 , Page(s) 3404 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Academisch Ziekenhuis Leiden, Application No.2019349745, under INID (71) correct the applicant name to Academisch Ziekenhuis Leiden (h.o.d.n. LUMC).

In Vol 35 , No 15 , Page(s) 3422 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Lentigen Technology, Inc. Application No. 2019343184, under INID (71) add co-applicant The U.S.A., as represented by the Secretary, Department of Health and Human Services

In Vol 35 , No 16 , Page(s) 3586 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Universite de Caen Normandie; Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique; Universite de Montpellier, Application No. 2019350443, under INID (54) correct the title to read Combination of acetylcholinesterase inhibitor and 5-HT4 receptor agonist as neuroprotective agent in the treatment of neurodegenerative diseases

In Vol 35 , No 18 , Page(s) 3915 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ESSA Pharma Inc., Application No. 2019362061, under INID (71) correct the applicant name to ESSA Pharma, Inc.

In Vol 35 , No 20 , Page(s) 4297 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ekona Power Inc., Application No. 2019396135, under INID (72) correct the co-inventor to HINKEY Jr., John Benjamin

In Vol 35 , No 20 , Page(s) 4324 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Riptide Bioscience, Inc., Application No.2018445889, under INID (72) correct the co-inventor to LOPEZ, Henry Wilfred

In Vol 35 , No 21 , Page(s) 4497 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Alcon Inc., Application No. 2019398860, Under INID (72) add co-inventor AGAHI, Daryush

In Vol 35 , No 21 , Page(s) 4518 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Farma, Aelis; Universite de Bordeaux; Institut-National de la Santé et de la Recherche Médicale, Application No. 2019409912, under INID (71) correct the applicant name to Inserm-Institut National De La Sante Et De La Recherche Medicale

In Vol 35 , No 21 , Page(s) 4525 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2019359490, Under INID (72) add co-inventor CHEN, Jianle

In Vol 35 , No 21 , Page(s) 4553 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name S.P.C.M. SA, Application No. 2019376489, under INID (71) correct the applicant name to SPCM SA

In Vol 35 , No 22 , Page(s) 4746 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

8082464 Canada Inc, Application No. 2019382310, under INID (71) correct the applicant name to 8082464 Canada Inc.

In Vol 35 , No 22 , Page(s) 4749 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Altavant Sciences GmbH, Application No. 2019378907, Under INID (72) add co-inventor EVERTS, Shanie

In Vol 35 , No 22 , Page(s) 4764 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CymaBay Therapeutics Inc., Application No. 2019378845, under INID (71) correct the applicant name to CymaBay Therapeutics, Inc.

In Vol 35 , No 22 , Page(s) 4796 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sandvik Mining and Construction Tools AB, Application No. 2019406923, under INID (71) add co-applicant Sandvik Mining and Construction Oy

In Vol 35 , No 23 , Page(s) 4862 under the heading **Provisional Applications Filed - Name Index** Under the name The Trustee for HIGHCON CONSTRUCTIONS UNIT TRUST, Application No. 2021901595, under INID (71) correct the applicant name to Highcon Constructions Pty Ltd

In Vol 35 , No 23 , Page(s) 4884 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021101173.

In Vol 35 , No 23 , Page(s) 4945 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Corning Incorporated, Application No. 2019383355, under INID (71) correct the applicant name to Corning Research & Development Corporation

In Vol 35 , No 23 , Page(s) 4973 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sercel, Application No.2019382802, under INID (72) correct the co-inventor to MOULINIER, Timothée

In Vol 35 , No 23 , Page(s) 4977 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Suzhou Kanova Biopharmaceutical Co., Ltd.; Beijing Kanova Biopharmaceutical Co., Ltd., Application No. 2018449846, under INID (72) correct the co-inventor to QI, Xiaoxu

In Vol 35 , No 8 , Page(s) 1139 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019219755.

Specifications Republished

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

- 2015271608 **Protokinetix, Inc.**
- 2018320435 **Nippon Telegraph and Telephone Corporation**
- 2018338861 **Komatsu Ltd.**
- 2018366416 **Huawei Technologies Co., Ltd.**
- 2018376272 **The Yokohama Rubber Co., Ltd.**
- 2019204738 **Hunter Douglas Inc.**
- 2019233857 **Monnaie Royale Canadienne/Royal Canadian Mint**
- 2019427259 **Pocai, R.**

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