



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

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Requests for Information under Section 194 (c)

Country Codes

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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.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 3 September 2020
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***EMD Millipore Corporation v Asahi Kasei Medical Co., Ltd.* [2020] APO 39**

Patent Application: 2015309939

Title: Porous membrane

Patent Applicant: Asahi Kasei Medical Co., Ltd.

Opponent: EMD Millipore Corporation

Delegate: R Subbarayan

Decision Date: 21 August 2020

Hearing Date: Written submissions completed on 8 April 2020

Catchwords: **PATENTS** - opposition under section 104 – allowability under subsections 102(1) and 102(2) considered – whether the amendments extend beyond the disclosure as filed – whether as a result of the amendments, the specification does not provide a clear enough and complete enough disclosure – whether as a result of the amendments, the claims are not supported or not clear – amendments allowable – cost awarded against the opponent

Representation: Patent attorney for the applicant: Watermark Intellectual Property Pty Ltd
Patent attorney for the opponent: Shelston IP Pty Ltd.

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Aug 2020 .

| | | |
|---|--|--|
| Achiuwa, G. see Daniels, J. (21) 2020903009 | (71) BFCS Company; Wickramarachchi, M. (21) 2020903033 (22) 25.08.2020 (54) Developing Microbial Biofilm-based Soil Carbon Sequestration Technique | (71) Caroma Industries Limited; micas AG (21) 2020902959 (22) 19.08.2020 (54) A building facility water management method and system |
| (71) AIRCONNECT HOLDINGS PTY LTD (21) 2020902918 (22) 17.08.2020 (54) IMPROVED AIR-CONDITIONING CONTROL SYSTEM AND METHOD THEREFOR | (71) Blackhurst, D.W. (21) 2020902943 (22) 18.08.2020 (54) Post Driving Apparatus, System and Method | (71) Cartex Hoya Pty Ltd (21) 2020902966 (22) 20.08.2020 (54) Self Cleaning Mobile Solar Generator |
| (71) ARB Corporation Ltd (21) 2020903017 (22) 24.08.2020 (54) Drawer assembly for mounting to a cargo area of a vehicle | (71) Blakeway, M. (21) 2020903001 (22) 21.08.2020 (54) cranked wheel wheelbarrow | (71) Caverzan, L. (21) 2020903014 (22) 24.08.2020 (54) Our service is to provide secure payment for both tradesperson/purchaser. The funds will be transferred into a third party account after price has been negotiated & accepted & before works/transactions begin. When satisfied that the works/transactions are completed to a satisfactory standard or goods received in the described condition, the funds will then be transferred into the seller/tradesperson's account within 48 hours of completion with acknowledgement from buyer/purchaser in the way of a signature or written confirmation. |
| (71) Aury Australia Pty Ltd (21) 2020902933 (22) 18.08.2020 (54) Screen Arrangement | (71) Boulton, M.A. (21) 2020902938 (22) 18.08.2020 (54) COVER FOR REINFORCING BARS | (71) Chang Gung Memorial Hospital, Linkou (21) 2020902931 (22) 18.08.2020 (54) METHODS FOR DETECTING OR REDUCING THE INCIDENCE OF DRUG HYPERSENSITIVITY REACTIONS INDUCED BY SULFONAMIDE DERIVATIVE |
| (71) AutoRun Technologies Pty Ltd (21) 2020902996 (22) 21.08.2020 (54) Core tray | (71) Bourgelat Pty Ltd (21) 2020903008 (22) 22.08.2020 (54) Tractor implement Improvements | (71) Coghlan, M. see Stocks, S. (21) 2020903024 |
| (71) Axiio Pty Ltd (21) 2020903020 (22) 24.08.2020 (54) Remote Camera Operation | (71) Calleija, M. (21) 2020903011 (22) 24.08.2020 (54) Cycling Strength Trainer | (71) Commonwealth Scientific and Industrial Research Organisation (21) 2020903029 (22) 25.08.2020 (54) Multi-agent map generation |
| (71) barnes, d. (21) 2020902978 (22) 20.08.2020 (54) The Air Mask | (71) CALLEIJA, M. (21) 2020903018 (22) 24.08.2020 (54) BREATHING TRAINING SYSTEM | (71) Cornell, P.; Szuster, P. (21) 2020902992 (22) 21.08.2020 (54) GOLF CUP APPARATUS |
| (71) Becerra, D. (21) 2020902907 (22) 16.08.2020 (54) TZGL (The zero gravity loo) This is an innovative concept of dry toilet that works in any environment especially in space where it is zero gravity. Waterless, compact, hygienic, simple to use, low maintenance, light weight, low power consumption, environmentally friendly. | (71) Carden, N. (21) 2020903028 (22) 25.08.2020 (54) Algae to electricity | |
| | (71) Carey Bros. Construction Pty Ltd (21) 2020902916 (22) 17.08.2020 (54) A covered walkway | |

Provisional Applications Filed - Name Index cont'd

| | | |
|---|--|--|
| Cotton Research and Development Corporation see Western Sydney University (21) 2020902941 | (71) Fairview Industrial Group Pty Ltd (21) 2020902967 (22) 20.08.2020 (54) A hanging door roller assembly | (71) Gnyp, M. (21) 2020902994 (22) 21.08.2020 (54) Method and Apparatus for Nitrogen Purge |
| (71) Crowe, S. (21) 2020903000 (22) 21.08.2020 (54) Energy storage | (71) Field Orthopaedics Pty Ltd (21) 2020902937 (22) 18.08.2020 (54) BONE FIXATION SYSTEM AND METHOD | (71) Green, J. (21) 2020902949 (22) 18.08.2020 (54) Produce display and weight measurement calculation means which makes the acquiring of correct amounts easier and more ecologically friendly. |
| (71) Daniels, J.; Achiuwa, G. (21) 2020903009 (22) 23.08.2020 (54) VibesR | (71) Freeland, T. (21) 2020902984 (22) 21.08.2020 (54) Pocket Square Apparatus | (71) GroundProbe Pty Ltd (21) 2020903032 (22) 25.08.2020 (54) Slope failure monitoring system |
| (71) Davidson, M. (21) 2020903026 (22) 25.08.2020 (54) BASE FOR A MEDICAL CART | (71) Freney, C. (21) 2020902958 (22) 19.08.2020 (54) Litter Aerator Apparatus | Hanson, M.G. see Herford, N. (21) 2020902921 |
| (71) Day, T. (21) 2020902923 (22) 17.08.2020 (54) New Type Valve | (71) G.M. Jenkins Plumbing Pty Ltd (21) 2020903027 (22) 25.08.2020 (54) Waste Pipe cover plate for Wall Hung Vanities. When you hang a Wall Hung Vanity the waste pipe is regularly visible as it exits the floor, this plate disguises it in an aesthetically and colour coded manner, without interfering with the workings of the plumbing system. In most existing vanity units the waste pipe comes up from the floor, with this device you can install a Wall Hung Vanity and without redirecting the waste pipe into the wall. Install one of these to cleanly, cheaply and easily disguise the waste pipe. | (71) Herford, N.; Hanson, M.G. (21) 2020902921 (22) 17.08.2020 (54) MACHINE LEARNING BASED DAMAGE ASSESSMENT |
| (71) Day, T. (21) 2020902924 (22) 17.08.2020 (54) A devise to enable improvements in performance of many appliances including line trimmers and motor mowers. | (71) Gallimore, T. (21) 2020903023 (22) 24.08.2020 (54) Rechargeable cordless hairdryer- Cordless hairdryer with any form of rechargeable or non rechargeable mechanisms at any speed/wattage heat temperature available. May or may not have connectable parts to use for source of the power. | (71) Herron, D.I. (21) 2020902963 (22) 20.08.2020 (54) A TRAVEL SATCHEL |
| (71) Drillit International Pty Limited (21) 2020902956 (22) 19.08.2020 (54) A Reamer Assembly for Microtunnelling | (71) Garner, J. (21) 2020902920 (22) 17.08.2020 (54) A NEW STRUCTURAL HUMAN AMNIOTIC FLUID SPECIFIC IgG THAT CANNOT BIND TO PROTEIN-A OR PROTEIN-G | (71) Herr Torrevillas, D. (21) 2020903031 (22) 25.08.2020 (54) BALL RETURN SYSTEM |
| (71) Drysdale, K. (21) 2020903006 (22) 22.08.2020 (54) Solar Thermal Micro Power Station | (71) GenieUs Genomics Pty Ltd (21) 2020902964 (22) 20.08.2020 (54) Machine learning on sequencing data | (71) HGH IP Pty Ltd (21) 2020902988 (22) 21.08.2020 (54) Ameliorating The Spread of Infectious Disease |
| (71) Elmich Pte Ltd (21) 2020902946 (22) 18.08.2020 (54) Improved Inter-connectable Drainage Cell | (71) Glare, D. (21) 2020902991 (22) 21.08.2020 (54) GGG Train | (71) HOBBS, B. (21) 2020902913 (22) 17.08.2020 (54) Planter box assembly |
| (71) EMvision Medical Devices Ltd (21) 2020902987 (22) 21.08.2020 (54) Broadband magnetic absorber | (71) Glassguard Pty Ltd (21) 2020902990 (22) 21.08.2020 (54) Glazing assembly | (71) Hu, P.; Zheng, I. (21) 2020902968 (22) 20.08.2020 (54) Fire-Rated Pear Band Pipe Hanger Set |
| (71) EpiAxis Therapeutics Pty Ltd (21) 2020902961 (22) 19.08.2020 (54) Inhibitors and uses therefor | (71) J & J Tidey Pty Ltd (21) 2020902917 (22) 17.08.2020 (54) Garden edging component and system thereof | (71) Intelligent Waste Management Pty Ltd (21) 2020902925 (22) 17.08.2020 (54) Waste and Recycling Management System |
| (71) Esfam Biotech Pty Ltd (21) 2020903002 (22) 21.08.2020 (54) METHODS OF PROPHYLAXIS AND TREATMENT OF CORONA VIRUS | (71) Jeffries, D. (21) 2020902929 (22) 18.08.2020 (54) Standards GuRu A mobile application or physical tool that allows you to navigate the Australian standards (AS/NZS) for plumbing, building or any other standard alike by | |
| (71) ESS Engineering Services & Supplies Pty Limited (21) 2020902973 (22) 20.08.2020 (54) Conveyor belt cleaner | | |

Provisional Applications Filed - Name Index cont'd

entering keywords or specific questions into a search bar/engine.

(71) JLAKE ROTHWELL PTY LTD
(21) 2020902969 **(22)** 20.08.2020
(54) SYSTEM AND METHOD ENABLING A USER TO SELECT AN AUDIO STREAM OF CHOICE

(71) JR & JL Jacob Pty Ltd
(21) 2020902935 **(22)** 18.08.2020
(54) IMPROVED OVERSHOT GATE ASSEMBLY

(71) KAIP Pty Limited
(21) 2020902971 **(22)** 20.08.2020
(54) A VARIABLE GEOMETRY VAV SWIRL DIFFUSER AND AN AIR CIRCULATION SYSTEM

(71) Ki Strategies Pty Ltd
(21) 2020903004 **(22)** 21.08.2020
(54) Containment of PFAS

(71) KRAMAH Pty Ltd
(21) 2020902947 **(22)** 18.08.2020
(54) IN-WALL TUNDISH

(71) Lowe, V.
(21) 2020902976 **(22)** 20.08.2020
(54) RACEHORSES 1st All-in-One Protector and Saddle Cloth

(71) Makadia, D.
(21) 2020902970 **(22)** 20.08.2020
(54) Eye Wear Accessory for Use with Face Masks

(71) Markr Global Pty Ltd
(21) 2020903015 **(22)** 24.08.2020
(54) Markr is an Augmented Reality (AR) based virtual signage system with a smart phone application for viewing AR and a web based Content Management System (CMS) for the design, previewing and publication of virtual signs based on GPS locations.

(71) Markr Global Pty Ltd
(21) 2020903016 **(22)** 24.08.2020
(54) Markr is an Augmented Reality (AR) based virtual signage system with a smart phone application for viewing AR and a web based Content Management System (CMS) for the design, previewing and publication of virtual signs based on GPS locations.

(71) Medela Holding AG
(21) 2020902945 **(22)** 18.08.2020
(54) BREAST SHIELD

(71) Metal Drilling Pty Ltd
(21) 2020902936 **(22)** 18.08.2020
(54) COPPER RECOVERY METHOD AND APPARATUS

(71) Miami Pools Manufacturing Pty Ltd
(21) 2020902928 **(22)** 17.08.2020
(54) Swimming Pool Construction

micas AG see Caroma Industries Limited
(21) 2020902959

(71) Michaelis, H.
(21) 2020902914 **(22)** 17.08.2020
(54) LUGGAGE SYSTEM AND APPARATUS

(71) Milanovic, R.
(21) 2020903013 **(22)** 24.08.2020
(54) Fishing Aid

(71) N. L. Matthews.
(21) 2020902919 **(22)** 17.08.2020
(54) Motor Vehicles,2020.

(71) N & E Bowder Pty Ltd
(21) 2020902960 **(22)** 19.08.2020
(54) STOCK FEEDER ASSEMBLY

(71) naturise pty ltd
(21) 2020902910 **(22)** 17.08.2020
(54) Pandemic Management System

(71) Newcrest Mining Limited
(21) 2020902989 **(22)** 21.08.2020
(54) Hydraulic fracturing a rock mass

(71) NewSouth Innovations Pty Limited
(21) 2020902995 **(22)** 21.08.2020
(54) Hydraulic Filament Artificial Muscles and Methods of Making the Same

(71) NewSouth Innovations Pty Limited
(21) 2020902997 **(22)** 21.08.2020
(54) Haptic Device

(71) Niumata, V.
(21) 2020902957 **(22)** 19.08.2020
(54) SYSTEM AND METHOD TO PREVENT OPERATION OF RECEIVER VEHICLE IN PRESENCE OF TRANSMITTER VEHICLE

(71) Norway Grange Pty Ltd
(21) 2020903030 **(22)** 25.08.2020
(54) Test cartridge

(71) OPTISCAN PTY LTD
(21) 2020902979 **(22)** 21.08.2020
(54) Optical probe and processing system

(71) OREKINETICS INVESTMENTS PTY LTD
(21) 2020902906 **(22)** 15.08.2020
(54) SPIRAL SEPARATOR AND APPARATUS THEREFOR

(71) PACE Innovation Australia Pty Ltd
(21) 2020902944 **(22)** 18.08.2020
(54) Liquid delivery cross-over prevention system and adaptor therefor

(71) Perroni, E.
(21) 2020902952 **(22)** 19.08.2020
(54) Smart intergrated outdoor locker system

(71) Philia Labs Pty Ltd
(21) 2020902998 **(22)** 21.08.2020
(54) Method and system for estimating sympathetic arousal of a subject

(71) Pisacane, N.
(21) 2020902980 **(22)** 21.08.2020
(54) MICRO Germicidal UVC Keychain Sterilization Light – Gadget

(71) Pisacane, N.
(21) 2020902985 **(22)** 21.08.2020
(54) UV-C Germicidal Protective Breathing Face Mask

(71) Power, R.
(21) 2020903025 **(22)** 25.08.2020
(54) Split shank bolt

(71) PureTec Pty Ltd
(21) 2020902915 **(22)** 17.08.2020
(54) ENCLOSURE FOR FILTERS AND FILTER PUMP

(71) Regenacellx.SL
(21) 2020902948 **(22)** 18.08.2020
(54) Compositions and methods for detecting SARS-CoV-2 spike protein

(71) ResQdevices Pty Ltd
(21) 2020902950 **(22)** 18.08.2020
(54) A patient transport

Revell, K. see Revell, A.M.
(21) 2020903007

(71) Revell, A.M.; Revell, K.
(21) 2020903007 **(22)** 22.08.2020
(54) A HEAT SHRINK SLEEVE FOR EQUESTRIAN JUMP POLE

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|--|---|--|
| <p>(71) Richard Amadio Holdings (Aust) Pty Limited (21) 2020902939 (22) 18.08.2020 (54) Blow back bin</p> | <p>(71) Stalwart Technologies Pty Ltd (21) 2020902926 (22) 17.08.2020 (54) FIRE RETARDANT/TERMICIDE/FUNGICIDE COMPOSITIONS AND PROCESSES II</p> | <p>(71) The University of Western Australia (21) 2020902986 (22) 21.08.2020 (54) Peptides for Use in the Treatment or Prevention of Myocardial Damage</p> |
| <p>(71) RUDECKI, M. (21) 2020903003 (22) 21.08.2020 (54) BANNER ASSEMBLY</p> | <p>(71) Starpharma Pty Ltd (21) 2020902993 (22) 21.08.2020 (54) METHOD OF PROPHYLAXIS OF CORONAVIRUS INFECTION</p> | <p>(71) Third Equation Ltd (21) 2020902972 (22) 20.08.2020 (54) MULTI-PHASE ELECTRICAL TRANSFORMER, POWER CONTROL APPARATUS, AND PROCESS</p> |
| <p>(71) S.J OSSENBERG & T.M OSSENBERG (21) 2020903005 (22) 22.08.2020 (54) Self Closing Hinge</p> | <p>(71) State of Mind Australasia Pty Ltd (21) 2020903034 (22) 25.08.2020 (54) METHOD OF TREATING DEPRESSION AND/OR ANXIETY, AND/OR SYMPTOMS ASSOCIATED THEREWITH</p> | <p>(71) THOMSON, S. (21) 2020902930 (22) 18.08.2020 (54) Apparatus for an electronically-enabled board game</p> |
| <p>(71) Saied, A. (21) 2020902951 (22) 19.08.2020 (54) Surveillance Strips</p> | <p>(71) STEPHENS, M.P. (21) 2020902905 (22) 14.08.2020 (54) LATCH ASSEMBLY INCORPORATING MAGNETIC ACTUATION</p> | <p>(71) TNG Limited (21) 2020902962 (22) 19.08.2020 (54) Process for the Treatment of a Leach Residue</p> |
| <p>(71) Schenck Process Australia Pty Limited (21) 2020902955 (22) 19.08.2020 (54) Improvements in Screening Panels</p> | <p>(71) Stocks, S.; Coghlan, M. (21) 2020903024 (22) 24.08.2020 (54) APPARATUS FOR CONTROLLING FLUID LEAKS FROM A DOMESTIC APPLIANCE</p> | <p>(71) Torres, A. (21) 2020902911 (22) 17.08.2020 (54) reverse esterification of organophosphates to produce phosphoric acid, from plastic</p> |
| <p>(71) Seamill Aus Pty Ltd (21) 2020902932 (22) 18.08.2020 (54) A formwork system for forming rectangular shafts</p> | <p>(71) Sydney Timber Floor Specialists Pty Ltd (21) 2020903022 (22) 24.08.2020 (54) SYSTEM AND METHOD OF TREATING A TIMBER PRODUCT</p> | <p>(71) Torres, A. (21) 2020902912 (22) 17.08.2020 (54) The production of uranium from phosphoric acid, by the reverse esterification of organophosphates to produce phosphoric acid; sourced from plastic</p> |
| <p>(71) SEEING SYSTEMS PTY LTD (21) 2020902940 (22) 18.08.2020 (54) A RECONFIGURABLE CROP SCANNING SYSTEM</p> | <p>Szuster, P. see Cornell, P. (21) 2020902992</p> | <p>(71) Tournicare Pty Ltd (21) 2020902982 (22) 21.08.2020 (54) Clamping devices and methods for repeated measurement of changes in blood pressure</p> |
| <p>(71) Selvax Pty Ltd (21) 2020902965 (22) 20.08.2020 (54) Immunologic Agent Against Canine Malignancy</p> | <p>(71) Tasman Environmental Markets Pty Ltd (21) 2020902927 (22) 17.08.2020 (54) Carbon emissions offset system</p> | <p>(71) Trihey, A. (21) 2020903036 (22) 25.08.2020 (54) Hybrid Gas Water Heater</p> |
| <p>(71) SenSen Networks Group Pty Ltd (21) 2020902942 (22) 18.08.2020 (54) Systems and methods for image-based location estimation</p> | <p>(71) The Council of the Queensland Institute of Medical Research (21) 2020903010 (22) 23.08.2020 (54) METHODS OF TREATING INFLAMMATORY RESPONSE CONDITIONS</p> | <p>(71) Tripletail Pty Ltd (21) 2020903019 (22) 24.08.2020 (54) Bicycle Bell</p> |
| <p>(71) Silbereisen, G. (21) 2020902975 (22) 20.08.2020 (54) A mobile phone dial er which can dial singular or multiple times using an apparatus which operates / controls a standard push button phone /smartphone.</p> | <p>(71) THERMAPOWER PTY LTD (21) 2020902983 (22) 21.08.2020 (54) AN ENERGY STORAGE APPARATUS</p> | <p>(71) Tyzzer, R. (21) 2020902909 (22) 17.08.2020 (54) Antimicrobial and Antiviral Sports and Exercise Balls</p> |
| <p>(71) Somatrack Pty Ltd (21) 2020902981 (22) 21.08.2020 (54) Devices and methods for measuring body tissue using acoustic waves</p> | <p>(71) THE SLEEPY COMPANY PTY. LTD. (21) 2020902977 (22) 20.08.2020 (54) SWADDLE</p> | <p>(71) University of South Australia (21) 2020902974 (22) 20.08.2020 (54) AMORPHOUS SELF-HEALING GEOPOLYMERS AND USES THEREOF</p> |
| <p>(71) Specta Technologies Pty Limited (21) 2020902999 (22) 21.08.2020 (54) Horse Management System And Process</p> | <p>(71) The University of Newcastle (21) 2020902922 (22) 17.08.2020 (54) Collection device and method</p> | <p>(71) Villarama, A. (21) 2020902934 (22) 18.08.2020 (54) Multifunctional 3 in 1 Hygienic Bidet Spray</p> |

Provisional Applications Filed - Name Index cont'd

(71) VIOTEL LIMITED
(21) 2020903035 (22) 25.08.2020
(54) A DEVICE AND METHOD FOR MONITORING STATUS OF CABLE BARRIERS

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2020902954 (22) 19.08.2020
(54) PUMP WET END

(71) Western Sydney University; Cotton Research and Development Corporation
(21) 2020902941 (22) 18.08.2020
(54) Insecticide

Wickramarachchi, M. see BFCS Company
(21) 2020903033

(71) Williams, G.
(21) 2020902953 (22) 19.08.2020
(54) Biopolymer tree guard

(71) Zellabox Pty Ltd
(21) 2020903021 (22) 24.08.2020
(54) An interconnectable micro data center module

Zheng, I. see Hu, P.
(21) 2020902968

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|-------------------|--|-------------------|--|
| 2020902905 | STEPHENS, M.P. | 2020902973 | ESS Engineering Services & Supplies Pty Limited |
| 2020902906 | OREKINETICS INVESTMENTS PTY LTD | 2020902974 | University of South Australia |
| 2020902907 | Becerra, D. | 2020902975 | Silbereisen, G. |
| 2020902909 | Tyzzer, R. | 2020902976 | Lowe, V. |
| 2020902910 | naturise Pty Ltd | 2020902977 | THE SLEEPY COMPANY PTY. LTD. |
| 2020902911 | Torres, A. | 2020902978 | barnes, d. |
| 2020902912 | Torres, A. | 2020902979 | OPTISCAN PTY LTD |
| 2020902913 | HOBBS, B. | 2020902980 | Pisacane, N. |
| 2020902914 | Michaelis, H. | 2020902981 | Somatrack Pty Ltd |
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| 2020902918 | AIRCONNECT HOLDINGS PTY LTD | 2020902985 | Pisacane, N. |
| 2020902919 | N. L. Matthews. | 2020902986 | The University of Western Australia |
| 2020902920 | Garner, J. | 2020902987 | EMvision Medical Devices Ltd |
| 2020902921 | Herford, N.; Hanson, M.G. | 2020902988 | HGH IP Pty Ltd |
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| 2020902923 | Day, T. | 2020902990 | Glassguard Pty Ltd |
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| 2020902926 | Stalwart Technologies Pty Ltd | 2020902993 | Starpharma Pty Ltd |
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| 2020902928 | Miami Pools Manufacturing Pty Ltd | 2020902995 | NewSouth Innovations Pty Limited |
| 2020902929 | Jeffries, D. | 2020902996 | AutoRun Technologies Pty Ltd |
| 2020902930 | THOMSON, S. | 2020902997 | NewSouth Innovations Pty Limited |
| 2020902931 | Chang Gung Memorial Hospital, Linkou | 2020902998 | Philia Labs Pty Ltd |
| 2020902932 | Seamill Aus Pty Ltd | 2020902999 | Specta Technologies Pty Limited |
| 2020902933 | Aury Australia Pty Ltd | 2020903000 | Crowe, S. |
| 2020902934 | Villarama, A. | 2020903001 | Blakeway, M. |
| 2020902935 | JR & JL Jacob Pty Ltd | 2020903002 | Esfam Biotech Pty Ltd |
| 2020902936 | Metal Drilling Pty Ltd | 2020903003 | RUDECKI, M. |
| 2020902937 | Field Orthopaedics Pty Ltd | 2020903004 | Ki Strategies Pty Ltd |
| 2020902938 | Boulton, M.A. | 2020903005 | S.J OSSENBERG & T.M OSSENBERG |
| 2020902939 | Richard Amadio Holdings (Aust) Pty Limited | 2020903006 | Drysdale, K. |
| 2020902940 | SEEING SYSTEMS PTY LTD | 2020903007 | Revell, A.M.; Revell, K. |
| 2020902941 | Western Sydney University; Cotton Research and Development Corporation | 2020903008 | Bourgelat Pty Ltd |
| 2020902942 | SenSen Networks Group Pty Ltd | 2020903009 | Daniels, J.; Achiuwa, G. |
| 2020902943 | Blackhurst, D.W. | 2020903010 | The Council of the Queensland Institute of Medical Research |
| 2020902944 | PACE Innovation Australia Pty Ltd | 2020903011 | Calleija, M. |
| 2020902945 | Medela Holding AG | 2020903013 | Milanovic, R. |
| 2020902946 | Elmich Pte Ltd | 2020903014 | Caverzan, L. |
| 2020902947 | KRAMAH Pty Ltd | 2020903015 | Markr Global Pty Ltd |
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| 2020902951 | Saied, A. | 2020903019 | Tripletail Pty Ltd |
| 2020902952 | Perroni, E. | 2020903020 | Axiii Pty Ltd |
| 2020902953 | Williams, G. | 2020903021 | Zellabox Pty Ltd |
| 2020902954 | WEIR MINERALS AUSTRALIA LTD | 2020903022 | Sydney Timber Floor Specialists Pty Ltd |
| 2020902955 | Schenck Process Australia Pty Limited | 2020903023 | Gallimore, T. |
| 2020902956 | Drillit International Pty Limited | 2020903024 | Stocks, S.; Coghlan, M. |
| 2020902957 | Niumata, V. | 2020903025 | Power, R. |
| 2020902958 | Freney, C. | 2020903026 | Davidson, M. |
| 2020902959 | Caroma Industries Limited; micas AG | 2020903027 | G.M. Jenkins Plumbing Pty Ltd |
| 2020902960 | N & E Bowder Pty Ltd | 2020903028 | Carden, N. |
| 2020902961 | EpiAxis Therapeutics Pty Ltd | 2020903029 | Commonwealth Scientific and Industrial Research Organisation |
| 2020902962 | TNG Limited | 2020903030 | Norway Grange Pty Ltd |
| 2020902963 | Herron, D.I. | 2020903031 | Herr Torrevillas, D. |
| 2020902964 | GenieUs Genomics Pty Ltd | 2020903032 | GroundProbe Pty Ltd |
| 2020902965 | Selvax Pty Ltd | 2020903033 | BFCS Company; Wickramarachchi, M. |
| 2020902966 | Cartex Hoya Pty Ltd | 2020903034 | State of Mind Australasia Pty Ltd |
| 2020902967 | Fairview Industrial Group Pty Ltd | 2020903035 | VIOTEL LIMITED |
| 2020902968 | Hu, P.; Zheng, I. | 2020903036 | Trihey, A. |
| 2020902969 | JLAK ROTHWELL PTY LTD | | |
| 2020902970 | Makadia, D. | | |
| 2020902971 | KAIP Pty Limited | | |
| 2020902972 | Third Equation Ltd | | |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Aug 2020 .

. (*) Title not in Roman characters

. (**) Title not given

| | | |
|--|---|---|
| <p>(71) 10X Genomics, Inc. (21) 2020220097 (22) 19.08.2020 (54) FLUIDIC DEVICES, SYSTEMS, AND METHODS FOR ENCAPSULATING AND PARTITIONING REAGENTS, AND APPLICATIONS OF SAME (62) 2015243445</p> | <p>(71) Allergan, Inc. (21) 2020220180 (22) 21.08.2020 (54) Joint fat pad formulations, and methods of use thereof (62) 2016211457</p> | <p>(54) Mono-, di- or polysaccharide used as metal inhibitor in the preparation of 68Ga-chelate-functionalized targeting agent (62) 2015309188</p> |
| <p>(71) 360 Hip Systems Pty Limited (21) 2020220092 (22) 18.08.2020 (54) Surgical guide system (31) 2019903034 (32) 20.08.19 (33) AU</p> | <p>(71) Amazon Technologies, Inc. (21) 2020220160 (22) 20.08.2020 (54) SYSTEM, METHOD AND COMPUTER-READABLE STORAGE MEDIUM FOR CUSTOMIZABLE EVENT-TRIGGERED COMPUTATION AT EDGE LOCATIONS (62) 2019203266</p> | <p>(71) Anthony Innovations Pty Ltd (21) 2020220190 (22) 21.08.2020 (54) ADJUSTABLE ROLLER ASSEMBLY (31) 2019903088 (32) 23.08.19 (33) AU</p> |
| <p>(71) 3M Innovative Properties Company (21) 2020223627 (22) 24.08.2020 (54) Computer system and method for concurrent clinical document improvement and coding (31) 62/890,698 (32) 23.08.19 (33) US</p> | <p>(71) Amgen Inc. (21) 2020220098 (22) 19.08.2020 (54) Antigen Binding Proteins to Proprotein Convertase Subtilisin Kexin Type 9 (PC-SK9) (62) 2018247211</p> | <p>(71) Apple Inc. (21) 2020220088 (22) 18.08.2020 (54) Triggering notifications associated with tasks to perform (62) 2020202534</p> |
| <p>(71) Accenture Global Solutions Limited (21) 2020220201 (22) 21.08.2020 (54) PRIVACY-SECURE EDGE-ZONE DIGITAL IDENTITY COMPUTING FOR OPEN-LOOP PIXEL-STATE CONTROL (31) 62/910,079 (32) 03.10.19 (33) US 16/881,989 22.05.20 US</p> | <p>(71) AMO Development, LLC (21) 2020220116 (22) 19.08.2020 (54) Systems and methods for synchronized three-dimensional laser incisions (62) 2015315195</p> | <p>(71) Apple Inc. (21) 2020220181 (22) 21.08.2020 (54) Column interface for navigating in a user interface (62) 2018250384</p> |
| <p>(71) Acer Incorporated (21) 2020223645 (22) 25.08.2020 (54) Method of handling cell selection and related network device and mobile device (31) 62/891,565 (32) 26.08.19 (33) US 16/986,276 06.08.20 US</p> | <p>(71) Angel Playing Cards Co., Ltd. (21) 2020220141 (22) 20.08.2020 (54) Table game management system, gaming table layout, and gaming table (62) 2019200570</p> | <p>(71) Apple Inc. (21) 2020220199 (22) 21.08.2020 (54) Sending drawing data via contact list (62) 2018229406</p> |
| <p>ADERHOLDT, M. see Battelle Memorial Institute (21) 2020220167</p> | <p>(71) Anhui University of Science and Technology (21) 2020220120 (22) 19.08.2020 (54) ANCHORING ROBOT APPLICABLE TO COMPLICATED WORK CONDITIONS OF FULLY MECHANIZED EXCAVATION WORKING FACE (31) 202010040881.5 (32) 13.01.20 (33) CN</p> | <p>(71) Arqex Outdoor Fitness Systems, LLC (21) 2020220131 (22) 20.08.2020 (54) Strength training and stretching system and resistance band assembly for use therewith (62) 2015209110</p> |
| <p>(71) Adobe Inc. (21) 2020220153 (22) 20.08.2020 (54) ROBUST WARPING VIA MULTI-SCALE PATCH ADVERSARIAL LOSS FOR VIRTUAL TRY-ON (31) 16/673,574 (32) 04.11.19 (33) US</p> | <p>(71) ANMI S.A. (21) 2020220193 (22) 21.08.2020 (54) Kit for radiolabelling with 68GA comprising a metal inhibitor (62) 2015309187</p> | <p>(71) ASSIA SPE, LLC (21) 2020220132 (22) 20.08.2020 (54) Method and system for performance measurement of a communication link (62) 2018267616</p> |
| <p>(71) Aerie Pharmaceuticals, Inc (21) 2020220146 (22) 20.08.2020 (54) OPHTHALMIC COMPOSITIONS (62) 2017319520</p> | <p>(71) ANMI S.A. (21) 2020220194 (22) 21.08.2020</p> | <p>(71) Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten (21) 2020220128 (22) 20.08.2020 (54) MONOCLONAL ANTIBODIES AGAINST CLAUDIN-18 FOR TREATMENT OF CANCER (62) 2018200685</p> |

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(71) Atea Pharmaceuticals, Inc.
(21) 2020220216 (22) 21.08.2020
(54) 2'-substituted-N6-substituted purine nucleotides for RNA virus treatment
(62) 2017324939

ATHERTON, E. see Battelle Memorial Institute
(21) 2020220167

(71) Ausplow Pty. Ltd.
(21) 2020220166 (22) 20.08.2020
(54) Section control system
(31) 2019903067 (32) 22.08.19 (33) AU

(71) Battelle Memorial Institute; ATHERTON, E.; ADERHOLDT, M.; REGENSBURGER, J.; FLAHERTY, L.; COCHRAN, J.
(21) 2020220167 (22) 20.08.2020
(54) Image Quality Test Article
(62) 2015319837

(71) Becton, Dickinson and Company
(21) 2020220176 (22) 20.08.2020
(54) Process tube and carrier tray
(62) 2018264066

Beijing Roborock Technology Co., Ltd see Beijing Xiaomi Mobile Software Co., Ltd.
(21) 2020220188

(71) Beijing Xiaomi Mobile Software Co., Ltd.; Beijing Roborock Technology Co., Ltd
(21) 2020220188 (22) 21.08.2020
(54) COMPONENT CLEANING ROBOT AND METHOD OF SURMOUNTING OBSTACLE
(62) 2017276408

(71) BEMO PTY LTD
(21) 2020223635 (22) 24.08.2020
(54) Amelioration of the Effects of Conveyor Belt Wander
(31) 2019903135 (32) 27.08.19 (33) AU

(71) Biodelivery Sciences International, Inc.
(21) 2020220105 (22) 19.08.2020
(54) Multidirectional mucosal delivery devices and methods of use
(62) 2018260865

(71) Blackhawk Network, Inc.
(21) 2020220182 (22) 21.08.2020
(54) A system for processing, activating and redeeming value added prepaid cards
(62) 2018247237

(71) Boston Scientific Scimed, Inc.
(21) 2020220085 (22) 18.08.2020

(54) Bodily substance detection by evaluating photoluminescent response to excitation radiation
(62) 2016274690

(71) Bowey, J.
(21) 2020220221 (22) 22.08.2020
(54) Structural Steel clamping System that attaches to universal beams and columns via a clamping effect and can carry additional equipment via secondary brackets.
(31) 2019903402 (32) 12.09.19 (33) AU

(71) BP Corporation North America Inc.
(21) 2020220138 (22) 20.08.2020
(54) Estimation of conductivity for nanoporous materials
(62) 2015360961

(71) Bullseye Australia Pty Ltd
(21) 2020220217 (22) 21.08.2020
(54) Milking system and method
(31) 2020901629 (32) 20.05.20 (33) AU

(71) Cantor Index LLC
(21) 2020220102 (22) 19.08.2020
(54) SYSTEM AND METHOD FOR BETTING ON A SUBSET OF PARTICIPANTS IN AN EVENT
(62) 2018204492

(71) CareFusion 303, Inc.
(21) 2020220186 (22) 21.08.2020
(54) Closed male luer device for use with needleless access devices
(62) 2019204299

(71) Celeski, B.
(21) 2020220156 (22) 20.08.2020
(54) FOOTWEAR CLEANING DEVICE
(31) 2019903028 (32) 20.08.19 (33) AU

(71) Clover Network, Inc.
(21) 2020220226 (22) 24.08.2020
(54) Dual device point of sale system using short-range wireless connection
(31) 16/667,753 (32) 29.10.19 (33) US

COCHRAN, J. see Battelle Memorial Institute
(21) 2020220167

(71) Couplmate Investments Pty Ltd
(21) 2020220170 (22) 20.08.2020
(54) A TOWBAR ADAPTER

(71) Covidien LP
(21) 2020220104 (22) 19.08.2020
(54) Loading unit locking band for surgical stapling instrument
(62) 2016204201

(71) Covidien LP
(21) 2020220108 (22) 19.08.2020
(54) Surgical robotic assemblies and instrument adapters thereof
(62) 2016326367

(71) Covidien LP
(21) 2020220171 (22) 20.08.2020
(54) System, apparatus and method employed with enteral systems
(62) 2015364582

(71) Covidien LP
(21) 2020223626 (22) 24.08.2020
(54) Adapter assembly including a removable trocar assembly
(62) 2016219575

(71) CureVac AG
(21) 2020220157 (22) 20.08.2020
(54) RNA containing composition for treatment of tumor diseases
(62) 2016251687

(71) Depuy Ireland Unlimited Company, Inc.
(21) 2020220090 (22) 18.08.2020
(54) An alignment guide
(62) 2016310117

(71) DePuy Synthes Products, Inc.
(21) 2020220169 (22) 20.08.2020
(54) Customized patient-specific orthopaedic surgical instrumentation
(62) 2019204799

(71) Der-Chang John Lee atf Ikhtus Trust
(21) 2020223631 (22) 24.08.2020
(54) Weighing apparatus for rail line

(71) Diehl Defence GmbH & Co. KG
(21) 2020220082 (22) 18.08.2020
(54) Reflector for an antenna, in particular a dipole antenna
(31) 10 2019 006 850.5 (32) 01.10.19 (33) DE

(71) Donmark Holdings Inc.
(21) 2020220198 (22) 21.08.2020
(54) Frame Assembly for Collapsible Aerial Fire Fighting Buckets and Collapsible Aerial Fire Fighting Buckets Having Same
(31) 3087916 (32) 24.07.20 (33) CA

Du, Y. see Du, D.
(21) 2020220133

(71) Du, D.; Du, Y.
(21) 2020220133 (22) 20.08.2020
(54) UNDERWATER TRAFFIC TUNNEL
(31) 202010738096.7 (32) 28.07.20 (33) CN

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DUMENIL, S. see Waco Pacific Ltd.

(21) 2020220200

(71) Earth Science Laboratories

(21) 2020220151 (22) 20.08.2020

(54) Chelating base product for use in water-based system treatments and method of making base product

(62) 2016280823

(71) Ecoremedy LLC

(21) 2020220143 (22) 20.08.2020

(54) Biosolid Treatment Process and System

(31) 62/879,929 (32) 29.07.19 (33) US
16/942,635 29.07.20 US

(71) Emma Sleep GmbH

(21) 2020222156 (22) 24.08.2020

(54) Mattress shipping unit

(31) 10 2019 125 036.6 (32) 17.09.19 (33) DE

(71) Fisher & Paykel Healthcare Limited

(21) 2020223628 (22) 24.08.2020

(54) PATIENT INTERFACE AND ASPECTS THEREOF

(62) 2019200263

FLAHERTY, L. see Battelle Memorial Institute

(21) 2020220167

(71) Futurecon Pty Ltd

(21) 2020223643 (22) 24.08.2020

(54) METHOD AND APPARATUS FOR BARRIER SUPPORT

(31) 2019903096 (32) 23.08.19 (33) AU

(71) Gallagher Group Limited

(21) 2020223629 (22) 24.08.2020

(54) A Visual Indicator

(62) 2016203165

(71) GCP Applied Technologies Inc.

(21) 2020220093 (22) 19.08.2020

(54) PENETRATING SINGLE COMPONENT PREPOLYMER SYSTEM

(31) 62/891,684 (32) 26.08.19 (33) US

(71) GENENTECH, INC.

(21) 2020220208 (22) 21.08.2020

(54) Process for the manufacturing of medications

(62) 2015245743

(71) GENENTECH, INC.

(21) 2020223634 (22) 24.08.2020

(54) Cell culture compositions with antioxidants and methods for polypeptide production

(62) 2014233393

(71) Gliknik Inc.; University of Maryland, Baltimore

(21) 2020220179 (22) 21.08.2020

(54) Immunoglobulin constant region FC receptor binding agents

(62) 2018201340

(71) Google LLC

(21) 2020220126 (22) 19.08.2020

(54) SUPERPIXEL METHODS FOR CONVOLUTIONAL NEURAL NETWORKS

(62) 2017295714

(71) Google LLC

(21) 2020220148 (22) 20.08.2020

(54) Range Extender Device

(31) PCT/ (32) 26.09.19 (33) IB
US2019/053,225

(71) GSK Consumer Healthcare S.A.

(21) 2020220112 (22) 19.08.2020

(54) Smart electrode assembly for transcutaneous electrical nerve stimulation (TENS)

(62) 2017382389

(71) GW Pharma Limited

(21) 2020220135 (22) 20.08.2020

(54) Use of cannabinoids in the treatment of epilepsy

(62) 2015275886

(71) Heiniger Limited

(21) 2020220218 (22) 21.08.2020

(54) Improvements in Shearing Combs

(31) 2019903909 (32) 16.10.19 (33) AU

(71) HOEDL, P.

(21) 2020220213 (22) 21.08.2020

(54) Foldable Wall Structure for Extending the Interior Space of Transportable Constructions, in Particular Camper Vans

(31) 102019123934.6 (32) 06.09.19 (33) DE

(71) Hyundai Motor Company

(21) 2020220110 (22) 19.08.2020

(54) Composition for preventing odor, containing odorless microorganisms

(62) 2016380599

(71) Hyundai Motor Company

(21) 2020220117 (22) 19.08.2020

(54) Composition for preventing odor, containing odorless microorganisms

(62) 2016380599

(71) Hyundai Motor Company

(21) 2020220118 (22) 19.08.2020

(54) Composition for preventing odor, containing odorless microorganisms

(62) 2016380599

(71) Immatics Biotechnologies GmbH

(21) 2020223637 (22) 24.08.2020

(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST LUNG CANCER, INCLUDING NSCLC AND OTHER CANCERS

(62) 2019203625

(71) Immatics Biotechnologies GmbH

(21) 2020223638 (22) 24.08.2020

(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST LUNG CANCER, INCLUDING NSCLC AND OTHER CANCERS

(62) 2019203625

(71) Immatics Biotechnologies GmbH

(21) 2020223639 (22) 24.08.2020

(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST LUNG CANCER, INCLUDING NSCLC AND OTHER CANCERS

(62) 2019203625

(71) Implantica Patent Ltd

(21) 2020220196 (22) 21.08.2020

(54) System For Treating A Patient Having An Intestinal Disorder

(62) 2019200029

(71) Indiana University Research and Technology Corporation

(21) 2020220191 (22) 21.08.2020

(54) Materials and methods to enhance hematopoietic stem cells engraftment procedures

(62) 2018241208

(71) Infrabuild Wire Pty Limited

(21) 2020223633 (22) 24.08.2020

(54) STOP APPARATUS FOR A GATE

(31) 2019903193 (32) 30.08.19 (33) AU

(71) Invuity, Inc.

(21) 2020220081 (22) 18.08.2020

(54) Electro-surgical instrument and method of using same

(62) 2015360712

(71) Ionis Pharmaceuticals, Inc.

(21) 2020220099 (22) 19.08.2020

(54) COMPOSITIONS FOR MODULATING C9ORF72 EXPRESSION

(62) 2014331652

(71) ISEA HOLDINGS PTY LTD

(21) 2020220222 (22) 22.08.2020

(54) METHODS FOR DESIGNING AND APPLYING SACRIFICIAL ANODES FOR

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CORROSION PROTECTION OF STEEL CHAINS AND CHAINS PREPARED THEREBY
(31) 2019903061 **(32)** 22.08.19 **(33)** AU

(71) J. A. Redekop Holding Ltd.
(21) 2020220175 **(22)** 20.08.2020
(54) ARTICULATED IMPLEMENT TOWING APPARATUS
(31) 62/945,615 **(32)** 09.12.19 **(33)** US

(71) Jagwood Pty Ltd
(21) 2020220227 **(22)** 24.08.2020
(54) Secure Transmission of Financial Documents
(62) 2018203014

(71) Jhunjhunwala, S.
(21) 2020220095 **(22)** 19.08.2020
(54) Improved woven fabric
(31) 202021027371 **(32)** 27.06.20 **(33)** IN

Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten see Astellas Pharma Inc.
(21) 2020220128

(71) K2M, Inc.
(21) 2020220147 **(22)** 20.08.2020
(54) ORTHOPEDIC SURGICAL SYSTEM INCLUDING SURGICAL ACCESS SYSTEMS, DISTRACTION SYSTEMS, AND METHODS OF USING SAME
(62) 2016213808

(71) Kabushiki Kaisha Funabashi Soukou
(21) 2020220130 **(22)** 20.08.2020
(54) POWER SUPPLY SWITCHING DEVICE AND POWER SUPPLY SYSTEM
(62) 2018310178

(71) Klevaklip Systems Pty Ltd
(21) 2020220168 **(22)** 20.08.2020
(54) IMPROVEMENTS IN OR RELATING TO DECKING
(31) 2019903092 **(32)** 23.08.19 **(33)** AU

(71) KUNG LONG HONG CO., LTD.
(21) 2020220091 **(22)** 18.08.2020
(54) FOOD CONTAINER WITH STEAM EXHAUST DEVICE AND CLOSURE DEVICE THEREOF

(71) Laura Metaal Holding B.V.
(21) 2020223630 **(22)** 24.08.2020
(54) ROADBLOCK FOR TEMPORARY INSTALLATION TO BLOCK TRAFFIC AND/OR AS A SECURITY PRECAUTION
(31) 2023715 **(32)** 27.08.19 **(33)** NL

(71) LG ELECTRONICS INC.
(21) 2020223652 **(22)** 25.08.2020
(54) DETERGENT SUPPLY DEVICE AND LAUNDRY TREATING APPARATUS INCLUDING THE SAME
(31) 10-2019-0106713 **(32)** 29.08.19 **(33)** KR
 10-2020-0016560 11.02.20 KR

(71) Lincoln Global, Inc.
(21) 2020220111 **(22)** 19.08.2020
(54) Automated welding torch positioner
(31) 62/901,974 **(32)** 18.09.19 **(33)** US
 16/993,602 14.08.20 US

(71) MAX CO., LTD.
(21) 2020220145 **(22)** 20.08.2020
(54) Binding machine and tape reel
(31) 2019-153304 **(32)** 23.08.19 **(33)** JP

(71) MAX CO., LTD.
(21) 2020220149 **(22)** 20.08.2020
(54) Binding machine and binding method
(31) 2019-153185 **(32)** 23.08.19 **(33)** JP

(71) MAX CO., LTD.
(21) 2020220150 **(22)** 20.08.2020
(54) Binding machine
(31) 2019-153228 **(32)** 23.08.19 **(33)** JP
 2020-055104 25.03.20 JP

(71) MAX CO., LTD.
(21) 2020220155 **(22)** 20.08.2020
(54) Binding machine
(31) 2019-153174 **(32)** 23.08.19 **(33)** JP

(71) MAX CO., LTD.
(21) 2020220158 **(22)** 20.08.2020
(54) Binding machine
(31) 2019-153218 **(32)** 23.08.19 **(33)** JP

(71) MAX CO., LTD.
(21) 2020220164 **(22)** 20.08.2020
(54) Binding machine
(31) 2019-153291 **(32)** 23.08.19 **(33)** JP
 2020-055110 25.03.20 JP

Meat & Livestock Australia Limited see Royal Melbourne Institute of Technology
(21) 2020220100

(71) Mitsubishi Electric Corporation
(21) 2020223640 **(22)** 24.08.2020
(54) Air-conditioning control apparatus, air-conditioning control method, and air-conditioning control program
(31) 2019-158434 **(32)** 30.08.19 **(33)** JP

(71) Motorola Solutions, Inc.
(21) 2020220129 **(22)** 20.08.2020
(54) METHOD OF ENROLLING A DEVICE INTO A PKI DOMAIN FOR CERTIFIC-

ATE MANAGEMENT USING FACTORY KEY PROVISIONING
(31) 16/556,594 **(32)** 30.08.19 **(33)** US

(71) NDI Medical, LLC
(21) 2020220184 **(22)** 21.08.2020
(54) WAVEFORM SHAPES FOR TREATING NEUROLOGICAL DISORDERS OPTIMIZED FOR ENERGY EFFICIENCY
(62) 2019200703

(71) NEXCEM INC
(21) 2020220178 **(22)** 20.08.2020
(54) SOUND ABSORPTION PANEL
(62) 2018241138

(71) Ni, M.
(21) 2020220152 **(22)** 20.08.2020
(54) Interception-proof authentication and encryption system and method
(62) 2016372648

Noninvasix, Inc. see The Board of Regents of the University of Texas System
(21) 2020220137

(71) Novartis AG
(21) 2020220210 **(22)** 21.08.2020
(54) Methods for treating ocular diseases
(62) 2018278870

(71) Nuvasive Specialized Orthopedics, Inc.
(21) 2020220203 **(22)** 21.08.2020
(54) SYSTEMS AND METHODS FOR DISTRACTION
(62) 2015371247

(71) Optum, Inc.
(21) 2020220125 **(22)** 19.08.2020
(54) SYSTEM AND METHOD OF AUTOMATED EXTRACTION AND VISUALIZATION OF KNOWLEDGE ABOUT ENTERPRISE TECHNOLOGY, PERSONNEL AND BUSINESS FUNCTIONS
(62) 2017313062

(71) Paragraf Limited
(21) 2020220154 **(22)** 20.08.2020
(54) A METHOD OF PRODUCING A TWO-DIMENSIONAL MATERIAL
(62) 2016307821

(71) PepsiCo, Inc.
(21) 2020220115 **(22)** 19.08.2020
(54) Stabilizing sorbic acid in beverage syrup
(62) 2016220032

(71) Pharcytics LLC
(21) 2020220205 **(22)** 21.08.2020

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(54) TEC family kinase inhibitor adjuvant therapy
(62) 2018233032

(71) PharmAkea, Inc.
(21) 2020220225 (22) 24.08.2020

(54) Fluorinated lysyl oxidase-like 2 inhibitors and uses thereof
(62) 2016229268

(71) Pioneer International Pty Ltd
(21) 2020220103 (22) 19.08.2020
(54) An Arrangement and Method for Retrofitting an Air Conditioning System
(62) 2018278921

(71) Precision Cultivation Systems Holdings, LLC
(21) 2020220136 (22) 20.08.2020
(54) Planting System for Optimization of Plant Growth
(62) 2017261472

(71) Promedior, Inc.
(21) 2020220139 (22) 20.08.2020
(54) Methods for treating fibrotic cancers
(62) 2014331954

(71) Prysman S.p.A.
(21) 2020220192 (22) 21.08.2020
(54) Optical fiber splice enclosure
(31) 102019000016418 (32) 16.09.19 (33) IT

(71) REBIOTIX, INC.
(21) 2020220084 (22) 18.08.2020
(54) Microbiota restoration therapy (MRT) compositions and methods of manufacture
(62) 2019203164

(71) Regeneron Pharmaceuticals, Inc.
(21) 2020220127 (22) 20.08.2020
(54) ASEPTIC PIERCING SYSTEM AND METHOD
(62) 2016228990

REGENSBURGER, J. see Battelle Memorial Institute
(21) 2020220167

(71) RF Industries Pty Ltd
(21) 2020220219 (22) 21.08.2020
(54) CHANNELISED GAIN CONTROL OF LINE AMPLIFIERS
(31) 2019903091 (32) 23.08.19 (33) AU

(71) Riverslea Holdings Pty Ltd
(21) 2020220220 (22) 21.08.2020
(54) Shutter systems and components thereof
(62) 2015281801

(71) Royal Melbourne Institute of Technology; Meat & Livestock Australia Limited
(21) 2020220100 (22) 19.08.2020
(54) Gas sensor nanocomposite membranes
(62) 2018247254

(71) Samsung Electronics Co., Ltd.
(21) 2020220159 (22) 20.08.2020
(54) TRANSMITTER AND SHORTENING METHOD THEREOF
(62) 2016226715

(71) Sandvik Mining and Construction Oy
(21) 2020220223 (22) 24.08.2020
(54) APPARATUS, METHOD AND SOFTWARE PRODUCT FOR DRILLING SEQUENCE PLANNING
(31) 19195649.9 (32) 05.09.19 (33) EP

(71) Schock GmbH
(21) 2020220140 (22) 20.08.2020
(54) Heat-curable bio-based casting composition, molding produced therefrom and method for producing such a molding
(31) 102019125777.8 (32) 25.09.19 (33) DE

(71) Seminis Vegetable Seeds, Inc.
(21) 2020220211 (22) 21.08.2020
(54) TOMATO HYBRID DR1398TH AND PARENTS THEREOF
(62) 2016202969

(71) Seminis Vegetable Seeds, Inc.
(21) 2020223625 (22) 24.08.2020
(54) METHODS AND COMPOSITIONS FOR PERONOSPORA RESISTANCE IN SPINACH
(62) 2019283932

(71) Seminis Vegetable Seeds, Inc.,
(21) 2020220161 (22) 20.08.2020
(54) MELON HYBRID SVMF6955 AND PARENTS THEREOF
(31) 16/573,636 (32) 17.09.19 (33) US

(71) Shopify Inc.
(21) 2020220123 (22) 19.08.2020
(54) VIRTUAL AND AUGMENTED REALITY USING LIGHT FIELDS
(31) 16/557,267 (32) 30.08.19 (33) US
20185574.9 13.07.20 EP

(71) Sony Corporation
(21) 2020220212 (22) 21.08.2020
(54) Signal processing apparatus and method, and program
(62) 2018204110

(71) Specialized Desanders Inc.
(21) 2020220207 (22) 21.08.2020

(54) STACKED-PLATE FILTERS, FILTER PLATES, AND METHODS FOR A STACKED-PLATE FILTER

(71) Spectrum Pharmaceuticals, Inc.
(21) 2020220197 (22) 21.08.2020
(54) Combination therapy using belinostat and pralatrexate to treat lymphoma
(62) 2016277929

(71) STOYKS WELDING & FABRICATION PTY LTD
(21) 2020220177 (22) 20.08.2020
(54) Organic Hand Sanitiser

(71) SUNTORY HOLDINGS LIMITED
(21) 2020220215 (22) 21.08.2020
(54) Preform coating device and preform coating method
(62) 2016331541

(71) SWIMC LLC
(21) 2020220107 (22) 19.08.2020
(54) Waterborne latex coating compositions with viscosity-modifying coalescence aids
(62) 2017342471

(71) SWIMC LLC
(21) 2020220109 (22) 19.08.2020
(54) HIGH-PERFORMANCE TEXTURED COATING
(62) 2016257795

(71) The Board of Regents of the University of Texas System; Noninvasix, Inc.
(21) 2020220137 (22) 20.08.2020
(54) SYSTEMS AND METHODS FOR MEASURING FETAL CEREBRAL OXYGENATION
(62) 2019202069

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2020220162 (22) 20.08.2020
(54) Non-invasive diagnosis of graft rejection in organ transplant patients
(62) 2018201356

(71) The Coca-Cola Company
(21) 2020220187 (22) 21.08.2020
(54) METHOD OF IMPLEMENTING A LOYALTY AWARD PROGRAM
(62) 2018204376

(71) The Gillette Company LLC
(21) 2020220121 (22) 19.08.2020
(54) HANDLE FOR A RAZOR
(62) 2017310399

The Hospital for Sick Children see University Health Network

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- (21) 2020220183
-
- (71) Thermos L.L.C.; Thermos Pty Ltd
 (21) 2020220163 (22) 20.08.2020
 (54) LID FOR FOOD CONTAINER
 (31) 62/889,358 (32) 20.08.19 (33) US
-
- Thermos Pty Ltd see Thermos L.L.C.**
 (21) 2020220163
-
- (71) TODOC Co., Ltd.
 (21) 2020220189 (22) 21.08.2020
 (54) Cochlear external device with external microphone
 (31) 10-2019-0102645 (32) 21.08.19 (33) KR
-
- (71) Toughbuilt Industries, Inc.
 (21) 2020220173 (22) 20.08.2020
 (54) Storage bag with enhanced interior visibility
 (31) 16/669,056 (32) 30.10.19 (33) US
 62/890,420 22.08.19 US
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- (71) Toughbuilt Industries, Inc.
 (21) 2020220174 (22) 20.08.2020
 (54) Cut-case with enhanced display of product information
 (31) 62/890,299 (32) 22.08.19 (33) US
 16/669,010 30.10.19 US
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- (71) Trustees of Tufts College
 (21) 2020220142 (22) 20.08.2020
 (54) LOW MOLECULAR WEIGHT SILK COMPOSITIONS AND STABILIZING SILK COMPOSTIONS
 (62) 2018260835
-
- (71) Turntide Technologies Inc.
 (21) 2020220113 (22) 19.08.2020
 (54) Low-noise high rotor pole switched reluctance motor
 (62) 2017438534
-
- (71) Typhon Technology Solutions, LLC
 (21) 2020220087 (22) 18.08.2020
 (54) Mobile electric power generation for hydraulic fracturing of subsurface geological formations
 (62) 2019200899
-
- (71) United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
 (21) 2020220209 (22) 21.08.2020
 (54) Methods of producing enriched populations of tumor reactive T cells from tumor
 (62) 2018274874
-
- (71) University Health Network; The Hospital for Sick Children
 (21) 2020220183 (22) 21.08.2020
 (54) Compositions and methods for treating hematologic cancers targeting the SIRPalpha - CD47 interaction
 (62) 2018256470
-
- (71) University of Florida Research Foundation, Incorporated
 (21) 2020223647 (22) 25.08.2020
 (54) REGULATION OF CANCER USING NATURAL COMPOUNDS AND/OR DIET
 (62) 2019201369
-
- (71) University Of Georgia Research Foundation, Inc.
 (21) 2020220172 (22) 20.08.2020
 (54) SITE-SPECIFIC ANTIBODY-DRUG GLYCOCONJUGATES AND METHODS
 (62) 2015243512
-
- University of Maryland, Baltimore see Gliknik Inc.**
 (21) 2020220179
-
- (71) Vallourec Tubos do Brasil S.A.
 (21) 2020220106 (22) 19.08.2020
 (54) Process for producing a multilayer pipe having a metallurgical bond by drawing, and multilayer pipe produced by this process
 (62) 2018208660
-
- (71) Vapogenix, Inc.
 (21) 2020220122 (22) 19.08.2020
 (54) NOVEL ANALGESIC COMPOSITIONS
 (62) 2018264078
-
- (71) Venturis Therapeutics, Inc.
 (21) 2020220195 (22) 21.08.2020
 (54) Angiogenic treatment of ischemic heart disease
 (62) 2016205336
-
- (71) Vertex Pharmaceuticals Incorporated
 (21) 2020220185 (22) 21.08.2020
 (54) Modulators of cystic fibrosis transmembrane conductance regulator
 (62) 2015328174
-
- (71) View, Inc.
 (21) 2020220165 (22) 20.08.2020
 (54) Window antennas
 (62) 2015353606
-
- (71) Waco Pacific Ltd.; DUMENIL, S.
 (21) 2020220200 (22) 21.08.2020
 (54) Dual cooking mode BBQ grill
 (62) 2015329751
-
- (71) Waymo LLC
 (21) 2020220206 (22) 21.08.2020
 (54) MIRROR ASSEMBLY
 (62) 2017378869
-
- (71) Wing Aviation LLC
 (21) 2020220083 (22) 18.08.2020
 (54) Landing and payload loading structures
 (62) 2017366437
-
- (71) Wing Aviation LLC
 (21) 2020220089 (22) 18.08.2020
 (54) Methods and systems for detecting and resolving failure events when raising and lowering a payload
 (62) 2017322228
-
- (71) Withington, H.
 (21) 2020220224 (22) 24.08.2020
 (54) Portable Modular Chicken Coop and Ranging Pen
-
- (71) Xi'an University of Science and Technology
 (21) 2020220124 (22) 19.08.2020
 (54) SECONDARY PARALLEL LCD FORWARD CONVERTER CAPABLE OF AVOIDING REVERSE CHARGING OF ENERGY STORAGE CAPACITOR
 (31) 202010490672.0 (32) 02.06.20 (33) CN
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- (71) Yeh, T.
 (21) 2020220101 (22) 19.08.2020
 (54) Paddle
 (31) 109112886 (32) 16.04.20 (33) TW
-
- (71) Zhejiang University
 (21) 2020223649 (22) 25.08.2020
 (54) A degradable intestinal diversion device
 (31) 201910794214.3 (32) 27.08.19 (33) CN

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| 2020220118 | Hyundai Motor Company | 2020220186 | CareFusion 303, Inc. |
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| 2020220132 | ASSIA SPE, LLC | 2020220199 | Apple Inc. |
| 2020220133 | Du, D.; Du, Y. | 2020220200 | Waco Pacific Ltd.; DUMENIL, S. |
| 2020220135 | GW Pharma Limited | 2020220201 | Accenture Global Solutions Limited |
| 2020220136 | Precision Cultivation Systems Holdings, LLC | 2020220203 | Nuvasive Specialized Orthopedics, Inc. |
| 2020220137 | The Board of Regents of the University of Texas System; Noninvasix, Inc. | 2020220205 | Pharmacyclics LLC |
| 2020220138 | BP Corporation North America Inc. | 2020220206 | Waymo LLC |
| 2020220139 | Promedior, Inc. | 2020220207 | Specialized Desanders Inc. |
| 2020220140 | Schock GmbH | 2020220208 | GENENTECH, INC. |
| 2020220141 | Angel Playing Cards Co., Ltd. | 2020220209 | United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer |
| 2020220142 | Trustees of Tufts College | 2020220210 | Novartis AG |
| 2020220143 | Ecoremey LLC | 2020220211 | Seminis Vegetable Seeds, Inc. |
| 2020220145 | MAX CO., LTD. | 2020220212 | Sony Corporation |
| 2020220146 | Aerie Pharmaceuticals, Inc | 2020220213 | HOEDL, P. |
| 2020220147 | K2M, Inc. | 2020220215 | SUNTORY HOLDINGS LIMITED |
| 2020220148 | Google LLC | 2020220216 | Atea Pharmaceuticals, Inc. |
| 2020220149 | MAX CO., LTD. | | |
| 2020220150 | MAX CO., LTD. | | |
| 2020220151 | Earth Science Laboratories | | |

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2020220217 Bullseye Australia Pty Ltd
2020220218 Heiniger Limited
2020220219 RF Industries Pty Ltd
2020220220 Riverslea Holdings Pty Ltd
2020220221 Bowey, J.
2020220222 ISEA HOLDINGS PTY LTD
2020220223 Sandvik Mining and Construction Oy
2020220224 Withington, H.
2020220225 PharmAkea, Inc.
2020220226 Clover Network, Inc.
2020220227 Jagwood Pty Ltd
2020222156 Emma Sleep GmbH
2020223625 Seminis Vegetable Seeds, Inc.
2020223626 Covidien LP
2020223627 3M Innovative Properties Company
2020223628 Fisher & Paykel Healthcare Limited
2020223629 Gallagher Group Limited
2020223630 Laura Metaal Holding B.V.
2020223631 Der-Chang John Lee atf Ikhtus Trust
2020223633 Infrabuild Wire Pty Limited
2020223634 GENENTECH, INC.
2020223635 BEMO PTY LTD
2020223637 Immatics Biotechnologies GmbH
2020223638 Immatics Biotechnologies GmbH
2020223639 Immatics Biotechnologies GmbH
2020223640 Mitsubishi Electric Corporation
2020223643 Futurecon Pty Ltd
2020223645 Acer Incorporated
2020223647 University of Florida Research Foundation, Incorporated
2020223649 Zhejiang University
2020223652 LG ELECTRONICS INC.

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Applications listed below were processed through the Patent Office Canberra during the period ending 18 Aug 2020 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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| (Founder GEH Research LLP & Project Director TCS-G, B.K.S. see Bhatia, S. (21) 2020101842 | (54) A Pool (31) 2019903002 (32) 19.08.19 (33) AU | Balusamy, B. see Manna, M.S. (21) 2020101845 |
| (Manager Examination), R.K.E.R. see Bhatia, S. (21) 2020101842 | (71) Anhui Agricultural University (21) 2020101891 (22) 19.08.2020 (54) SEQUENCING VECTOR CARRY- ING WHEAT CINNAMATE 4-HY- DROXYLASE (C4H) GENE, AND AMP- LIFICATION PRIMER COMBINATION AND USE OF C4H GENE (31) 201911148125.8 (32) 21.11.19 (33) CN | Bangar, P. see Maram, B. (21) 2020101880 |
| (71) (Professor), D.B.M.; Divanu, M.S.; Trupthi, M.M.; Yaganti, M.G.; Swathi, M.K.; Bushetty, M.S.; Babu, K.S.; Garapati, D.Y.; Gudipati, S.S.; Sowjanya, P. (21) 2020101863 (22) 17.08.2020 (54) IoT-Based Micropayment Protocol for Wearable Devices with Unique Verification | (71) Anhui University (21) 2020101850 (22) 17.08.2020 (54) A pharmaceutical composition for the treatment of diabetes | Basha, N. see S, V. (21) 2020101864 |
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| A, G. see S, V. (21) 2020101864 | A V, S.K. see S, V. (21) 2020101864 | Bharti, P.P.K. see Sharan, H.O. (21) 2020101898 |
| A, S. see Ratnesh, K. (21) 2020101902 | B, V.R.R. see B, M.K. (21) 2020101847 | (71) Bhatia, S.; Quasim, M.T.; Kohli, R.; Dev, K.; Garg, A.; (Manager Examination), R.K.E.R.; Chhabra, M.; Bist (Associate Professor), A.S.; Madamala, R.; (Founder GEH Research LLP & Project Director TCS-G, B.K.S. (21) 2020101842 (22) 15.08.2020 (54) DAI- Dataset Discovery: DATASET DISCOVERY IN DATA ANALYTICS USING AI- BASED PROGRAMMING. |
| A.K, J. see B, M.K. (21) 2020101847 | (71) B, M.K.; MERUGULA, S.; SAMRIYA, J.K.; G S, S.V.P.; M, P.; B, V.R.R.; A.K, J.; SUDHAMANI, C.; A, R.; KUMAR, B.H. (21) 2020101847 (22) 16.08.2020 (54) SYSTEM FOR TIME VARIANT BACK PAIN DATA RECORDING USING IOT | Bist (Associate Professor), A.S. see Bhatia, S. (21) 2020101842 |
| (71) Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs (21) 2020101851 (22) 17.08.2020 (54) SYSTEM AND METHOD FOR RAPIDLY STARTING ANAEROBIC FERMENTATION USING STORED SLUDGE AS SEED SLUDGE (31) 2020104297671 (32) 20.05.20 (33) CN | B, A. see M, B. (21) 2020101865 | (71) Bubba Blue Pty Ltd (21) 2020101908 (22) 20.08.2020 (54) Sleep pouch for a mattress |
| Alluraiah, K. see Maram, B. (21) 2020101880 | Babu, K.S. see (Professor), D.B.M. (21) 2020101863 | Bushetty, M.S. see (Professor), D.B.M. (21) 2020101863 |
| (71) ANANTH, C.; P, N.; N., P.; James S, A.; Prasanth, A.; John Vadakkan, D.; C, V.; C, T.; Jayarani, A, E.A.; Jacob, S.; Murthy B M, P.; Maheshwari, R. (21) 2020101843 (22) 15.08.2020 (54) A SYSTEM MONITORING FOR HARVESTING OF FARMING USING DRONE TECHNOLOGY | Babu, G.V.S. see Maram, B. (21) 2020101880 | C, V. see ANANTH, C. (21) 2020101843 |
| (71) Anderson, P. (21) 2020101856 (22) 17.08.2020 | Babu, C.N. see Kumar, K. (21) 2020101939 | C, T. see ANANTH, C. (21) 2020101843 |
| | Badiger, M. see S, V. (21) 2020101864 | C, A.S. see Kumar, K. (21) 2020101939 |

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(21) 2020101867 (22) 18.08.2020
(54) DESIGN AND IMPLEMENTATION OF A DISASTER MANAGEMENT SYSTEM USING IOT AND CLOUD COMPUTING TECHNIQUES FOR A CONNECTED BUILDINGS TO SAVE LIVES WITH EARLY WARNINGS
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- (71) Can-i-park Pty Ltd
(21) 2020101919 (22) 20.08.2020
(54) TECHNOLOGY CONFIGURED TO PROVIDE REAL-TIME PRACTICAL INTERPRETATION OF PARKING SIGNAGE
(31) 2019903020 (32) 20.08.19 (33) AU
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- (71) Changzhou Jutai Electronic Co., Ltd.
(21) 2020101917 (22) 20.08.2020
(54) TOUCH CONTROLLER FOR LED LIGHT STRING OR LIGHT STRIP
(31) 2020215059526 (32) 27.07.20 (33) CN
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- (71) Chassis Pro Tech Pty Ltd
(21) 2020101892 (22) 19.08.2020
(54) A low pressure vehicle cleaning assembly
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(21) 2020101854
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- (71) Chongqing University of Education
(21) 2020101935 (22) 21.08.2020
(54) Reduction of Pb Toxicity
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- (71) Chopkar, S.
(21) 2020101897 (22) 19.08.2020
(54) ARTIFICIAL RAINMAKING BY HIGH POWER LASER INITIATION ENDOTHERMIC REACTIONS THROUGH
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- DRONE AIRCRAFT REMOTE CONTROL SYSTEM
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- (71) Concrete Posts and Pickets Pty Ltd
(21) 2020101859 (22) 17.08.2020
(54) Fence post assembly
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- (71) Couplemate Investments Pty Ltd
(21) 2020101914 (22) 20.08.2020
(54) A TOWBAR ADAPTER
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- Credi Pty Ltd see STRATFORD INVESTMENT HOLDINGS PTY LTD
(21) 2020101852
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- Das, D.S. see Sharan, H.O.
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- Dev, K. see Bhatia, S.
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- Divanu, M.S. see (Professor), D.B.M.
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(21) 2020101867
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- (71) East China University of Technology
(21) 2020101899 (22) 20.08.2020
(54) A Geological Exploration Equipment
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- (71) Eswaran, S.
(21) 2020101901 (22) 20.08.2020
(54) A METHOD OF IMPROVING RESILIENCE IN EMBEDDED IOT NETWORKS BY FAULT FORECASTING
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- ESWARI, D.S. see Maram, B.
(21) 2020101880
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- (71) FENG, S.
(21) 2020101837 (22) 14.08.2020
(54) A SEALED FOOD CAN WITH TIME SETTING DEVICE
(31) 202010480241.6 (32) 30.05.20 (33) CN
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- (71) Fuller, C.
(21) 2020101934 (22) 21.08.2020
(54) Hand sanitiser
(31) 2020901129 (32) 08.04.20 (33) AU
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- Gahlot, B. see Ratnesh, K.
(21) 2020101902
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- (71) Gansu Agricultural University
(21) 2020101869 (22) 18.08.2020
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- (54) METHOD FOR IDENTIFYING COLD RESISTANCE OF WINTER TURNIP RAPE (Brassica rapa L.) BY UTILIZING ROOT TRAITS
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- Garapati, D.Y. see (Professor), D.B.M.
(21) 2020101863
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- Garg, A. see Bhatia, S.
(21) 2020101842
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- Glasson, S. see Marshall, S.
(21) 2020101846
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- G S, S.V.P. see B, M.K.
(21) 2020101847
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- (71) Guangxi Academy of Agricultural Sciences
(21) 2020101838 (22) 14.08.2020
(54) METHOD FOR NO-TILLAGE MIXED-SEEDING ASTRAGALUS SINICUS AND RAPHANUS SATIVUS L TO RESTORE SOIL FERTILITY IN DOUBLE HARVEST RICE AREA
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- (71) Guangxi Forestry Research Institute
(21) 2020101879 (22) 18.08.2020
(54) ROOTING MEDIUM FOR CULTURING A SUBCULTURE BUD OF HIGH-RESIN P. MASSONIANA
(31) 202010426414.6 (32) 19.05.20 (33) CN
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- Gudipati, S.S. see (Professor), D.B.M.
(21) 2020101863
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- (71) Guilin University of Technology
(21) 2020101889 (22) 19.08.2020
(54) A three-channel optical receiver for airborne dual-frequency lidar
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- (71) Guizhou Industry Polytechnic College
(21) 2020101924 (22) 21.08.2020
(54) ROTATING BIOLOGICAL CONTACTOR FOR WASTEWATER TREATMENT AND METHOD OF USE THEREOF
(31) 201911342812.3 (32) 24.12.19 (33) CN
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- Gupta, D. see Ratnesh, K.
(21) 2020101902
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- (71) Guyuan Branch of Ningxia Academy of Agriculture and Forestry Sciences
(21) 2020101873 (22) 18.08.2020
(54) PRODUCTION METHOD OF SELENIUM-ENRICHED PERILLA FRUTESCENS SEEDS
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- H, G. see Maram, B.
(21) 2020101880

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(71) Hangzhou Penno Packtech Co., Ltd.
 (21) 2020101938 (22) 21.08.2020
 (54) AN ASSEMBLED MOLDED TRAY
 (31) 2020106412689 (32) 06.07.20 (33) CN

(71) Heath, S.
 (21) 2020101862 (22) 17.08.2020
 (54) 1-touch Dual-Screen Purchase System (DSPS)

(71) Hebei University of Technology
 (21) 2020101918 (22) 20.08.2020
 (54) FABRICATED BEAM-TO-COLUMN JOINT AND CONSTRUCTION METHOD
 (31) 202010727475.6 (32) 27.07.20 (33) CN

(71) Hefei General Machinery Research Institute Co., Ltd.; Hefei General Machinery Research Institute Special Equipment Inspection Station Co., Ltd.
 (21) 2020101874 (22) 18.08.2020
 (54) A method for predicting high-temperature mechanical properties of heat-resistant alloys based on deep learning

Hefei General Machinery Research Institute Special Equipment Inspection Station Co., Ltd. see Hefei General Machinery Research Institute Co., Ltd.
 (21) 2020101874

(71) Heilongjiang Institute of Construction Technology; Northeast Petroleum University
 (21) 2020101849 (22) 17.08.2020
 (54) A BIM-based building wind energy simulation device and method

(71) Huaibei Normal University
 (21) 2020101930 (22) 21.08.2020
 (54) NOVEL ARTWORK PIGMENT COLORING SPRAYER
 (31) 202010630748.5 (32) 03.07.20 (33) CN

(71) Huazhong University of Science and Technology; Wuhan Metro Group Co., Ltd.; China Communications Construction Co., Ltd.; Wuhan Hanyang Municipal Administration; Wuhan Zhongcheng Industrial Development Co., Ltd.; MCC South Engineering Technology Co., Ltd.
 (21) 2020101854 (22) 17.08.2020
 (54) A method for predicting concrete durability based on data mining and artificial intelligence algorithm

Hulun Buir Muyuankangtai Biotechnology Co., Ltd. see Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
 (21) 2020101922

(71) Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University
 (21) 2020101834 (22) 14.08.2020
 (54) QUERCETIN COMPOUND NANOEMULSION BASED ON MONGOLIAN MEDICINE SENDENG-4 AND PREPARATION METHOD THEREFOR
 (31) 202010308277.6 (32) 18.04.20 (33) CN

(71) Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University
 (21) 2020101835 (22) 14.08.2020
 (54) MONGOLIAN MEDICINE SENDENG-4 MOISTURIZING NANO SPRAY AND PREPARATION METHOD THEREFOR
 (31) 201911206412.X (32) 29.11.19 (33) CN

Inner Mongolia Medical University see Inner Mongolia Autonomous Region International Mongolian Medicine Hospital
 (21) 2020101834

Inner Mongolia Medical University see Inner Mongolia Autonomous Region International Mongolian Medicine Hospital
 (21) 2020101835

(71) Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences
 (21) 2020101868 (22) 18.08.2020
 (54) SIMPLE WINTER WHEAT FERTILIZATION METHOD IN WHEAT AND MAIZE ROTATION MODE

(71) Institute of Cotton Research of CAAS
 (21) 2020101826 (22) 14.08.2020
 (54) A set of core SNP markers for cotton variety identification based on KASP technology

(71) Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science
 (21) 2020101831 (22) 14.08.2020
 (54) Application of siRNA inhibiting expression of Sestrin2 protein in preparation of drug for controlling lung squamous cell carcinoma

(71) Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science
 (21) 2020101875 (22) 18.08.2020
 (54) Colorimetric strip, colorimetric card and test method for quickly testing histamine
 (31) 201910975115.5 (32) 14.10.19 (33) CN

(71) Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science
 (21) 2020101877 (22) 18.08.2020
 (54) DNA hydrogel based on signal amplification of biomimetic enzymes and application thereof
 (31) 202010151505.3 (32) 06.03.20 (33) CN

(71) Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science
 (21) 2020101886 (22) 19.08.2020
 (54) Application of miR-541 in preparation of drug against hypoxia-induced neuron injuries, and drug against hypoxia-induced neuron injuries
 (31) 202010202806.4 (32) 20.03.20 (33) CN

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Shandong Haiyu Biotechnology Co., LTD
 (21) 2020101903 (22) 20.08.2020
 (54) APPARATUS FOR CHONDROITIN SULFATE SEPARATION BY RESIN ADSORPTION

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
 (21) 2020101921 (22) 21.08.2020
 (54) APPARATUS FOR BONE AND MEAT SEPARATION

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Hulun Buir Muyuankangtai Biotechnology Co., Ltd.
 (21) 2020101922 (22) 21.08.2020
 (54) BIONIC GRINDING-TOOTH ROLLER FOR BONE CRUSHING

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Lijiang Sanchuan Industrial Group Co. Ltd
 (21) 2020101923 (22) 21.08.2020
 (54) METHOD FOR ASSISTING SHORT-TERM FROZEN STORAGE OF LIVESTOCK AND POULTRY MEAT BY USING LOW-VOLTAGE ELECTROSTATIC FIELD AND PRODUCT THEREOF

(71) Institute of Geochemistry, Chinese Academy of Sciences
 (21) 2020101882 (22) 18.08.2020
 (54) A method for extracting lithium from a carbonate-hosted clay-type lithium ore by an ion exchange method

(71) Institute of Geochemistry, Chinese Academy of Sciences
 (21) 2020101888 (22) 19.08.2020
 (54) A PROCESS FOR RECOVERING ALUMINIUM AND SILICON FROM CLAY

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| (71) Institute of Geology and Geophysics, Chinese Academy of Sciences (21) 2020101905 (22) 20.08.2020 (54) A METHOD FOR DETERMINING MIDDLE ZONE EXPLORATION DEPTH OF ELECTROMAGNETIC EXPLORATION | Jayarani, A, E.A. see ANANTH, C. (21) 2020101843 | Kshirsagar, P.R. see Maram, B. (21) 2020101880 |
| (71) Institute of Geology and Geophysics, Chinese Academy of Sciences (21) 2020101906 (22) 20.08.2020 (54) A METHOD FOR MULTI-CHANNEL TRANSIENT ELECTROMAGNETIC SURVEY USING BROADSIDE CONFIGURATION | (71) Jiangnan University (21) 2020101904 (22) 20.08.2020 (54) UNITARY INTUMESCENT FLAME RETARDANT AND A PROCESS FOR THE PREPARATION AND APPLICATION THEREOF | Kumar, A. see Manna, M.S. (21) 2020101845 |
| (71) Institute of Mountain Hazards and Environment, Chinese Academy of Sciences & Ministry of Water Conservancy (21) 2020101893 (22) 19.08.2020 (54) A METHOD TO TREAT DOMESTIC AND AGRICULTURAL SEWAGE BY CULTIVATING FICUS MICROCARPA (31) 201910774067.3 (32) 21.08.19 (33) CN | (71) Jinan University (21) 2020101936 (22) 21.08.2020 (54) METHOD OF EUTROPHIC WATER BODY RESTORATION BASED ON ECOSYSTEM MODEL AND BIOMANIPULATION TECHNOLOGY (62) PCT/CN2018/089959 | Kumar, K.V. see Maram, B. (21) 2020101880 |
| (71) Institute of Plant Protection, Chinese Academy of Agricultural Sciences (21) 2020101907 (22) 20.08.2020 (54) INDOLE COMPOUND AND APPLICATION THEREOF IN CONTROL OF AGRICULTURAL FUNGAL DISEASES | (71) Johnston, N. (21) 2020101844 (22) 15.08.2020 (54) A foot cleaner unit (31) 2019904915 (32) 23.12.19 (33) AU | Kumar, D.S. see Sharan, H.O. (21) 2020101898 |
| (71) Institute of Plant Protection, Ningxia Academy of Agricultural and Forestry Sciences (21) 2020101883 (22) 19.08.2020 (54) A soil ecological regulation method for preventing and controlling Lycium barbarum root rot | John Vadakkan, D. see ANANTH, C. (21) 2020101843 | Kumar, M.B. see Sharan, H.O. (21) 2020101898 |
| (71) Intelligent Sands Pty Ltd (21) 2020101910 (22) 20.08.2020 (54) Method and apparatus for processing recycled glass (31) 2019903048 (32) 21.08.19 (33) AU | K, L.R. see S, V. (21) 2020101864 | Kumar, P.L. see Ratnesh, K. (21) 2020101902 |
| (71) IQM Finland Oy (21) 2020101876 (22) 18.08.2020 (54) Cryogenic microwave analyzer (62) 2018374039 | K, A. see M, B. (21) 2020101865 | Kumar, S.S. see Kumar, K. (21) 2020101939 |
| J, R. see M, B. (21) 2020101865 | K, S.S. see C.T, M. (21) 2020101867 | Kumar, K.; Lalitha, B.; Kumar, S.S.; Martin, N.; Karthikeyan, B.; Sandeep, T.S.; S, N.; C, A.S.; Babu, C.N.; Mythili, S.; Vyas, A.; Kesswani, N.; Manjunath, T.C.; Mathleen, M.A. (21) 2020101939 (22) 21.08.2020 (54) A SYSTEM FOR PIT HOLE DETECTION AND FILLING FOR ROAD BASED ON ARTIFICIAL INTELLIGENCE |
| Jacob, S. see ANANTH, C. (21) 2020101843 | K. S. R, R. see C.T, M. (21) 2020101867 | KUMAR, B.H. see B, M.K. (21) 2020101847 |
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| | KALLAM, S. see M, R.B. (21) 2020101841 | LEIYUAN INDUSTRIAL COMPANY LIMITED (21) 2020101848 (22) 17.08.2020 (54) MULTIPURPOSE HONEYCOMB LAYING BOARD |
| | Karthikeyan, B. see Kumar, K. (21) 2020101939 | Lijiang Sanchuan Industrial Group Co. Ltd see Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences (21) 2020101923 |
| | Katta, S.K. see Ratnesh, K. (21) 2020101902 | LITTLE UMBRELLA LIMITED (21) 2020101887 (22) 19.08.2020 (54) Milk powder for young children and preparation method thereof |
| | Kesswani, N. see Kumar, K. (21) 2020101939 | |

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(54) DESIGN AND DEVELOPMENT OF SOFT DATA DRIVEN SENSORS FOR USE IN A WASTE-TO-ENERGY (WTE) INDUSTRY PLANT

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(21) 2020101847

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(21) 2020101864

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(21) 2020101864

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(21) 2020101865

(71) M, B.; J, R.; B, A.; V, A.; R S, P.; M, S.; K, A.; R, M.

(21) 2020101865 (22) 17.08.2020

(54) INTELLIGENT ROBOT FOR GARBAGE COLLECTION MANAGEABLE THROUGH WIRELESS COMMUNICATION AND DEEP LEARNING OF TRASH USING IOT

(71) Macau University of Science and Technology

(21) 2020101933 (22) 21.08.2020

(54) METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING HEART DISEASE

(31) 20190784150.9 (32) 23.08.19 (33) CN

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(71) Manna, M.S.; Sharma, M.; Kumar, A.; Sharma, R.; Balusamy, B.; Shankar, L.; Chaudhary, S.; R, L.K.; Kallam, S.

(21) 2020101845 (22) 15.08.2020

(54) Customized Identity Management Systems (CIMS) for Smart City Infrastructure Platform through Blockchain

(71) Maram, B.; Srinadh, V.; ESWARI, D.S.; P., S.; Suresh, A.; Soshte, R.A.; Babu, G.V.S.; Patil, A.J.; Swathi, R.; Kumar, K.V.; Naveen, K.; Alluraiah, K.; Chaud-

hari, V.D.; H, G.; Kshirsagar, P.R.; Bangar, P.

(21) 2020101880 (22) 18.08.2020

(54) AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED TRAFFIC CONTROL SYSTEM

(71) Marshall, S.; Glasson, S.

(21) 2020101846 (22) 16.08.2020

(54) Aloe Vera Nappy Spray

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(21) 2020101939

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(21) 2020101939

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(21) 2020101854

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| 2020101828 | BENELEC PTY. LIMITED | 2020101871 | University of Science and Technology Beijing |
| 2020101829 | Shandong Institute of Agricultural Sustainable Development | 2020101872 | Nanjing Forestry University |
| 2020101830 | Nanjing Normal University | 2020101873 | Guyuan Branch of Ningxia Academy of Agriculture and Forestry Sciences |
| 2020101831 | Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science | 2020101874 | Hefei General Machinery Research Institute Co., Ltd.; Hefei General Machinery Research Institute Special Equipment Inspection Station Co., Ltd. |
| 2020101832 | Wuhan University of Science and Technology | 2020101875 | Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science |
| 2020101833 | Wuhan University of Science and Technology | 2020101876 | IQM Finland Oy |
| 2020101834 | Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University | 2020101877 | Institute of Environmental and Operational Medicine, Academy of Military Medical Science, Academy of Military Science |
| 2020101835 | Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University | 2020101878 | Shandong Normal University |
| 2020101836 | Xi'an University of Posts and Telecommunications | 2020101879 | Guangxi Forestry Research Institute |
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| 2020101839 | Zhejiang University of Technology | 2020101882 | Institute of Geochemistry, Chinese Academy of Sciences |
| 2020101840 | Nanjing Forestry University | 2020101883 | Institute of Plant Protection, Ningxia Academy of Agricultural and Forestry Sciences |
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| 2020101845 | Manna, M.S.; Sharma, M.; Kumar, A.; Sharma, R.; Balusamy, B.; Shankar, L.; Chaudhary, S.; R, L.K.; Kallam, S. | 2020101888 | Institute of Geochemistry, Chinese Academy of Sciences |
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| 2020101848 | LEIYUAN INDUSTRIAL COMPANY LIMITED | 2020101891 | Anhui Agricultural University |
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| 2020101854 | Huazhong University of Science and Technology; Wuhan Metro Group Co., Ltd.; China Communications Construction Co., Ltd.; Wuhan Hanyang Municipal Administration; Wuhan Zhongcheng Industrial Development Co., Ltd.; MCC South Engineering Technology Co., Ltd. | 2020101897 | Chopkar, S. |
| 2020101855 | Zhejiang Jinhao Culture Media Co., Ltd. | 2020101898 | Sharan, H.O.; Kumar, D.S.; Bharti, P.P.K.; Nagpure, M.S.G.; Singh, D.Y.; Kumar, M.B.; Tripathi, M.M.K.; shivastava, M.S.; Das, D.S.; Singh, P.B.R. |
| 2020101856 | Anderson, P. | 2020101899 | East China University of Technology |
| 2020101857 | QINGDAO AGRICULTURAL UNIVERSITY | 2020101900 | Qinghu Rising Sunshine Data Technology (Beijing) Co., Ltd. |
| 2020101858 | Xi'an Jiaotong University | 2020101901 | Eswaran, S. |
| 2020101859 | Concrete Posts and Pickets Pty Ltd | 2020101902 | Ratnesh, K.; Shukla, G.; Gupta, D.; Gahlot, B.; R, S.; More, R.R.; A, S.; Kumar, P.L.; Tanted, D.; Katta, S.K. |
| 2020101860 | QINGDAO AGRICULTURAL UNIVERSITY | 2020101903 | Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Shandong Haiyu Biotechnology Co., LTD |
| 2020101861 | Qilu University of Technology | 2020101904 | Jiangnan University |
| 2020101862 | Heath, S. | 2020101905 | Institute of Geology and Geophysics, Chinese Academy of Sciences |
| 2020101863 | (Professor), D.B.M.; Divanu, M.S.; Trupthi, M.M.; Yaganti, M.G.; Swathi, M.K.; Bushetty, M.S.; Babu, K.S.; Garapati, D.Y.; Gudipati, S.S.; Sowjanya, P. | 2020101906 | Institute of Geology and Geophysics, Chinese Academy of Sciences |
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| 2020101865 | M, B.; J, R.; B, A.; V, A.; R S, P.; M, S.; K, A.; R, M. | 2020101908 | Bubba Blue Pty Ltd |
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| 2020101867 | C.T, M.; R, R.; S, R.; N, V.; SWAMINATHAN, A.; K, S.S.; K. S. R, R.; E, D.; CHANDRAKANT DHAGE, P.; WARHADE, K.K. | 2020101910 | Intelligent Sands Pty Ltd |
| 2020101868 | Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences | 2020101911 | Tianjin Research Institute for Water Transport Engineering, M.O.T. |

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| 2020101922 | Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Hulun Buir Muyuankangtai Biotechnology Co., Ltd. | 2020101934 | Fuller, C. |
| 2020101923 | Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Lijiang Sanchuan Industrial Group Co. Ltd | 2020101935 | Chongqing University of Education |
| | | 2020101936 | Jinan University |
| | | 2020101937 | Northwest A&F University |
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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 |
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| 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) |
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2020

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Assignments before Grant, Section 113

2015

2015264859 AiVision Pty Ltd The application has been assigned to **Visibly, Inc.**

2015275304 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2016

2016203733 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2016203734 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2016216692 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2016308653 CLARCOR Inc. The application has been assigned to **Parker-Hannifin Corporation**

2016324467 Redbud Labs, Inc. The application has been assigned to **The University of North Carolina at Chapel Hill; Redbud Labs, Inc.**

2016332619 Singleton, Mark The application has been assigned to **Start-link Systems Ltd**

2016334378 Radius Health, Inc.; 3M Innovative Properties Company
The application has been assigned to **Kindeva Drug Delivery L.P.; Radius Health, Inc.**

2016344737 Hospital Sant Joan de Déu; Katholieke Universiteit Leuven
The application has been assigned to **Katholieke Universiteit Leuven**

2017

2017228676 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2017243875 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2017247777 Creative Impact Inc. The application has been assigned to **ZURU (SINGAPORE) PTE. LTD.**

2017253674 Radius Health, Inc.; 3M Innovative Properties Company
The application has been assigned to **Kindeva Drug Delivery L.P.; Radius Health, Inc.**

2017351564 SCEYE Sàrl The application has been assigned to **SCEYE SA**

2017354873 Hepagene Therapeutics, Inc. The application has been assigned to **Hepagene Therapeutics (HK) Limited**

Assignments before Grant, Section 113

2018

2018201682 Swimways Corporation The application has been assigned to **Spin Master, Inc.**

2018201925 BINTZ, Briannan; THANOS, Christopher The application has been assigned to **SEMMA THERAPEUTICS, INC.**

2018204778 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2018220158 CREATIVE IMPACT INC The application has been assigned to **ZURU (SINGAPORE) PTE. LTD.**

2018221436 CLARCOR INC. The application has been assigned to **Parker-Hannifin Corporation**

2018253482 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2018256624 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2018273794 Haventec Pty Ltd The application has been assigned to **Nuix Pty Ltd**

2018278953 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2018308116 Hepagene Therapeutics, Inc. The application has been assigned to **Hepagene Therapeutics (HK) Limited**

2018326287 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2018350691 Terre Armee Internationale The application has been assigned to **Soletanche Freyssinet**

2018352317 3M Innovative Properties Company The application has been assigned to **Kindeva Drug Delivery L.P.**

2019

2019201333 INEOS Bio SA The application has been assigned to **Jupeng Bio (HK) Limited**

2019202173 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2019202217 Taizhou Jiaojiang Ruijiang Computer Co., Ltd. The application has been assigned to **Yongkang Meihui Lighting Co., Ltd.**

2019212751 Scanmen, Ltd; Vehicle Hail Scan Systems, LLC The application has been assigned to **Vehicle Service Group, LLC**

2019229376 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2019900057 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

Assignments before Grant, Section 113

2020

2020200977 Merhis Pty Ltd The application has been assigned to **Merhi, Khalil**

2020203789 Franke Water Systems AG The application has been assigned to **KWC AG**

2020203927 Allosteros Therapeutics, Inc The application has been assigned to **The Johns Hopkins University**

2020204048 Deer, Timothy R. The application has been assigned to **Advanced Neuromodulation Systems, Inc.**

2020217378 Pottier, Charles; Smith, Jason The application has been assigned to **AndPak, Inc. dba Zip-Chem Products**

2020900056 Orora Packaging Australia Pty Ltd The application has been assigned to **Opal Packaging Australia Pty Ltd**

2020902534 Glowacki, Jakub 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.

2007

2007229438 **Gazmick Pty Ltd** An application to extend the time from 07 Aug 2019 to 07 Aug 2020 in which to pay the renewal fee has been filed . Address for service - Gazmick Pty Ltd 15 Hannan Street Williamstown VIC 3016 AU

2010

2010328737 **Annulus Intervention System AS** An application to extend the time from 06 Dec 2019 to 06 Sep 2020 in which to pay the renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015

2015328370 **Immunomedics, Inc.** An application to extend the time from 05 Oct 2019 to 05 Aug 2020 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017

2017101151 **OREX HOLDINGS PTY LIMITED** An application to extend the time from 23 Aug 2019 to 23 Mar 2020 in which to pay a renewal fee has been filed . Address for service - OREX HOLDINGS PTY LIMITED 16 Voyager Circuit Glendenning NSW 2761 AU

2020

2020213322 **Aquestive Therapeutics, Inc.** An application to extend the time from 27 Sep 2018 to 27 Aug 2020 in which to make a further application for a divisional patent has been filed . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2013

2013322527 **K-FEE SYSTEM GMBH** The time in which to pay a renewal fee has been extended to 27 Apr 2020 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

2013403622 **Wei, E.** The time in which to pay the renewal fee has been extended to 22 May 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014

2014413501 **Beck, H.; Schumacher, T.** The time in which to gain acceptance has been extended to 07 Jan 2021 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2015

2015205857 **Scholtes Family Holdings Pty Ltd** The time in which to pay a renewal fee has been extended to 21 Apr 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015315683 **Northrop Grumman Systems Corporation** The time in which to pay the renewal fee has been extended to 24 Apr 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016

2016215127 **Paragon 28, Inc.** The time in which to gain acceptance has been extended to 23 Nov 2020 . Address for service - In-Legal Limited PO Box 8026 The Terrace Wellington 6143 NZ

2016342444 **Prince Lionheart, Inc.** The time in which to request examination has been extended to 07 Dec 2020 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2016432266 **Oh, B.K.** The time in which to gain acceptance has been extended to 21 Nov 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017

2017101354 **Lovells Springs Pty Limited** The time in which to pay the renewal fee has been extended to 10 May 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017392666 **Golden Leaf-Works Co., Ltd.** The time in which to enter the National Phase has been extended to 16 Apr 2020 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018

2018202205 **Meso Scale Technologies, LLC** The time in which to gain acceptance has been extended 08 Sep 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018256621 **Yadav, J.** The time in which to make a further application for a divisional application has been extended to 19 Nov 2020 . Address for service - Jayshree Yadav c/- Prasad Chaudhari U 3/45A Ormond Esplanade Elwood VIC 3180 AU

Extensions of Time, Section 223**2019**

2019901757 **REBUS CORPORATION PTY LTD** The time in which to associate with a complete application has been extended to 23 Nov 2020 . Address for service - REBUS CORPORATION PTY LTD 20 Napier St St Arnaud VIC 3478 AU

2019904205 **Blatchford, S.** The time in which to associate to a complete application has been extended to 07 Feb 2021 . Address for service - Stephen Matthew Blatchford 133 kingsway Woollooware NSW 2230 AU

2020

2020213293 **The Climate Corporation** The time in which to make a further application for a divisional patent has been extended to 30 Aug 2020 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2020220076 **Fisher & Paykel Healthcare Limited** The time in which to make a further application for a divisional patent has been extended to 14 Sep 2020 . Address for service - Baldwins Intellectual Property L 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

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.

2000

2000065895 Pharmaceutical combination of ethinylestradiol and drospirenone for use as a contraceptive **Bayer Pharma Aktiengesellschaft** The nature of the amendment is: The nature of the amendment is as shown in the statement(s) filed 17 Aug 2020. . Address for service - Davies Collison Cave Pty Ltd 255 Elizabeth Street Sydney NSW 2000 AU

2008

2008259907 Nucleic acid functionalized nanoparticles for therapeutic applications **Northwestern University** The nature of the amendment is: Delete inventor Patel, Pinal C. . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2010

2010300068 Methods and systems for use in training armed personnel **Marathon Robotics Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2020 . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2012

2012335981 Tricyclic amino containing compounds for treatment or prevention of symptoms associated with endocrine dysfunction **Emory University** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012335981 Tricyclic amino containing compounds for treatment or prevention of symptoms associated with endocrine dysfunction **Emory University** The nature of the amendment is: Amend the name of the inventors to

Amendments

read Natchus, Michael G.; Arrendale, Richard F.; Liotta, Dennis; Desai, Ketan and Shim, Hyun Suk . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013

2013203902 Lifting anchors **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014262264 Nucleic Acid Functionalized Nanoparticles For Therapeutic Applications **Northwestern University** The nature of the amendment is: Delete inventor PATEL, Pinal C. . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2015

2015223908 Progress-Suppressing or Improving Agent for Chronic Kidney Disease **Nippon Zoki Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015243865 Non-human animals having humanized Fc-gamma receptors **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015339130 Compositions and methods of use for treating metabolic disorders **NGM Biopharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Aug 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016240117 Novel compound of 4'-thionucleoside, as well as preparation method therefor, pharmaceutical composition thereof and application thereof **Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Aug 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017

2017268198 Anti-Factor IX Padua antibodies **Baxalta Incorporated ; Baxalta GmbH** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd GPO Box 3876 Sydney NSW 2001 AU

2017339418 Benzo[b]thiophene compounds as sting agonists **Merck Sharp & Dohme Corp.** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2020 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2017358282 Nkx3.2 fragment and pharmaceutical composition comprising same as active ingredient **ICM Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018

2018201341 Control method for tintable windows **View, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2020 .

Amendments

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

2018233036 **A METHOD INCORPORATING COMPUTERIMPLEMENTED STEPS, FOR PROVIDING ALIGNMENT INFORMATION DATA FOR THE ALIGNMENT OF AN ORTHOPAEDIC IMPLANT FOR A JOINT OF A PATIENT CORIN LIMITED** The nature of the amendment is: Amend the name of the inventor to read O'CONNOR, Peter Bede; MILES, Brad Peter; ROE, Justin; FRITSCH, Brett; WALTER, Len; MAREL, Ed; SOLOMON, Michael; CHEUNG, Brian; BERGEON, Milton Scott and PIERRE-PONT, James William . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

Amendments Made

2006

2006222540 **FMC Australasia Pty Ltd** The nature of the amendment is as shown in the statement filed 12 May 2020

2011

2011242420 **A NEW WAY OF LIVING PTY LTD** The nature of the amendment is as shown in the statement filed 05 Sep 2019

2012

2012277805 **BASF SE** The nature of the amendment is as shown in the statement filed 03 Jan 2020

2014

2014275166 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hammerman, Peter; Meyerson, Matthew; Pedomallu, Chandra and Freeman, Sam

2014319132 **IL DONG HOLDINGS CO.,LTD.** The nature of the amendment is as shown in the statement filed 01 May 2020

2014345543 **Sublimity Therapeutics Limited** The nature of the amendment is as shown in the statement filed 20 May 2020

2015

2015201747 **PGS Geophysical AS** The nature of the amendment is as shown in the statement filed 12 Aug 2020

2015253352 **Recombinetics, Inc.** The nature of the amendment is: Amend the invention title to read Multiplex Gene Editing

2015263851 **PQI Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101986

2015280351 **Novartis AG** The nature of the amendment is as shown in the statement filed 04 May 2020

2016

2016246600 **Nextivity, Inc.** The nature of the amendment is as shown in the statement filed 21 Apr 2020

2016258284 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 01 May 2020

Amendments

2016285377 **VSL International AG** The nature of the amendment is: Amend the invention title to read Cylindrical thermal protection sheath and cap

2016328797 **Nanopharm Limited** The nature of the amendment is as shown in the statement filed 12 Aug 2020

2016356697 **Flightwave Aerospace Systems** The nature of the amendment is as shown in the statement filed 19 May 2020

2016370591 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement filed 24 Apr 2020

2016422571 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read METHOD FOR RECOVERING ROOM-MINING COAL PILLARS BY SOLID FILLING IN SYNERGY WITH ARTIFICIAL PILLARS

2017

2017264182 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 25 May 2020

2017290828 **Oncorus, Inc.** The nature of the amendment is: Amend the name of the inventor to read Evnin, Luke and Finer, Mitchell H.

2017307628 **W. L. Gore & Associates, Inc.** The nature of the amendment is as shown in the statement filed 20 May 2020

2017378629 **Elekta, Inc.** The nature of the amendment is as shown in the statement filed 21 May 2020

2017440014 **Shenzhen Yueyao Life Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMPOSITIONS FOR ENHANCING IMMUNE FUNCTION OF T CELLS AND PREPARATION METHODS THEREFOR

2018

2018216668 **JLG Industries, Inc.** The nature of the amendment is as shown in the statement filed 12 May 2020

2018219396 **Eurofilters Holding N.V.** The nature of the amendment is as shown in the statement filed 21 May 2020

2018229497 **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement filed 28 Apr 2020

2018229498 **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement filed 28 Apr 2020

2018236805 **Obschestvo S Ogranichennoi Otvetstvennostiyu "pharmenterprises"** The nature of the amendment is as shown in the statement filed 20 May 2020

2018350897 **Alteryx, Inc.** The nature of the amendment is: Amend the name of the inventor to read HARDING, Jr., Edward P.; RILEY, Adam D. and KINGSLEY, Christopher H.

Amendments

2018355134 **Bissell Inc.** The nature of the amendment is as shown in the statements filed 19 May 2020 and 11 August 2020

2018378615 **Jones, J.** The nature of the amendment is as shown in the statements filed 30 Jun 2020 and 6 Aug 2020

2018380901 **Adocia** The nature of the amendment is as shown in the statement filed 07 Aug 2020

2018402956 **Public University Corporation Yokohama City University; Tosoh Corporation** The nature of the amendment is as shown in the statement filed 06 Aug 2020

2018405771 **Sandvik SRP AB** The nature of the amendment is as shown in the statement filed 29 Jul 2020

2018406922 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Vacuum heat insulator and heat insulating box

2018412205 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Vacuum heat insulating material and heat insulating box

2019

2019203039 **Black & Decker Inc.** The nature of the amendment is: Amend the invention title to read Power tool system

2019206665 **Qualcomm Incorporated** The nature of the amendment is: Amend the priority details to read 16/246,349 11 Jan 2019 US and 62/617,065 12 Jan 2018 US

2019208842 **Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Mucin generation promoting agent and fucosylation promoting agent, and food product composition containing same

2019209652 **Patrick Brown Technologies Inc.** The nature of the amendment is as shown in the statement filed 29 Jul 2020

2019216224 **Capricor, Inc.; Cedars-Sinai Medical Center** The nature of the amendment is: Amend the name of the inventor to read IBRAHIM, Ahmed G.; RODRIGUEZ-BORLADO, Luis; LI, Chang; MOSELEY, Jennifer J. and MARBÁN, Eduardo

2019216975 **Trustees of Tufts College** The nature of the amendment is: Amend the name of the inventor to read KUMAR-SINGH, Rajendra; KUMAR, Binit and CASHMAN, Siobhan

2019222274 **Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Beverage, packaged beverage, and method for enhancing milk flavor and tea flavor of beverage

2019223882 **Beijing Tide Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Receptor inhibitors, pharmaceutical compositions comprising the same, and usage thereof

2019245096 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Information management device of work machine, information management method, and information management system

Amendments

2020

2020101326 **Ningxia Agriculture and Forest Science Institution Wolfberry Engineering Technology Research Laboratory** The nature of the amendment is: Amend the invention title to read Lycium ruthenicum Murr Anther Culture Medium

2020101437 **MADAM, P.R.K.** The nature of the amendment is: Amend the name of the inventor to read PHANI RAJA KUMAR K MADAM

2020202267 **QIAGEN Redwood City, Inc.** The nature of the amendment is as shown in the statement filed 17 Aug 2020

2020216748 **Sekisui House, Ltd.** The nature of the amendment is: Amend the invention title to read Installation and construction method of wall panel

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

1997

1997025552 Medarex, Inc. The name of the patentee has been altered to **E. R. Squibb & Sons, L.L.C.**

1999

1999031896 Medarex, Inc. The name of the patentee has been altered to **E. R. Squibb & Sons, L.L.C.**

2000

2000070732 Medarex, Inc. The name of the patentee has been altered to **E. R. Squibb & Sons, L.L.C.**

2005

2005258664 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2006

2006340223 YANMAR CO., LTD. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2007

2007238660 Ocata Therapeutics, Inc. The name of the patentee has been altered to **Astellas Institute for Regenerative Medicine**

2009

2009230168 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2009230170 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2009230171 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2009244231 Ocata Therapeutics, Inc. The name of the patentee has been altered to **Astellas Institute for Regenerative Medicine**

2009244236 Ocata Therapeutics, Inc. The name of the patentee has been altered to **Astellas Institute for Regenerative Medicine**

Amendments

2011

2011357560 Yanmar Co., Ltd. ; Himoina China Co., Ltd The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd; Himoina China Co., Ltd**

2012

2012206003 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2012206431 UCB Biopharma SPRL. The name of the patentee has been altered to **UCB Biopharma SRL**

2012318067 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2013

2013201444 Ocata Therapeutics, Inc. The name of the patentee has been altered to **Astellas Institute for Regenerative Medicine**

2013268935 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2013268936 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2013378375 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2013383586 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2013383597 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2014

2014272460 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2014294185 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015

2015224108 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015282149 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015282150 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015282158 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015282159 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

Amendments

2015346130 Pavmed Inc. The name of the applicant has been altered to **PAVMed Inc.**

2015347785 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015350987 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015350989 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015350991 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2015397171 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016

2016261807 Yanmar Co., Ltd. The name of the patentee has been altered to **Yanmar Power Technology Co., Ltd**

2016288484 NUMAB BIOPHARMACEUTICALS (HANGZHOU) LTD. The name of the patentee has been altered to **BJ Bioscience Inc.**

2016289753 UCB Biopharma Sprl The name of the applicant has been altered to **UCB Biopharma SRL**

2016289755 UCB Biopharma Sprl The name of the applicant has been altered to **UCB Biopharma SRL**

2016300128 Onkimmune Limited The name of the applicant has been altered to **ONK Therapeutics Limited**

2016329526 Bionorica Ethics GmbH The name of the applicant has been altered to **Spectrum Therapeutics GmbH**

2016335929 The Feinstein Institute for Medical Research The name of the applicant has been altered to **The Feinstein Institutes For Medical Research**

2017

2017235723 Bilab Co., Ltd. The name of the applicant has been altered to **BiLab Co., Ltd.**

2017276408 Beijing Xiaomi Mobile Software Co., Ltd.; Beijing Rockrobo Technology Co., Ltd. The name of the applicant has been altered to **Beijing Xiaomi Mobile Software Co., Ltd.; Beijing Roborock Technology Co., Ltd.**

2017371514 Onkimmune Limited The name of the applicant has been altered to **ONK Therapeutics Limited**

2017371517 Onkimmune Limited The name of the applicant has been altered to **ONK Therapeutics Limited**

2018

2018209534 Yafei Shanghai Biolog Medicine Science & Technology Co., Ltd. The name of the applicant has been altered to **Yafei Shanghai Biology Medicine Science & Technology Co. Ltd.**

Amendments

2018230029 Hot Lime Labs The name of the applicant has been altered to **Hot Lime Labs Limited**

2019

2019208322 Taro Pharmaceutical Industries Ltd.; Avi Avramoff ; Helena Shifrin ; Ron Schlinger; Tzviel Sheskin; Zeev Elkoshi The name of the applicant has been altered to **Taro Pharmaceutical Industries Ltd.**

2019216224 Capricor, Inc. The name of the applicant has been altered to **Capricor, Inc.; Cedars-Sinai Medical Center**

2019232702 Vanda Pharmaceuticals Inc.; Vasilios Polymeropoulos; Christos Polymeropoulos ; Changfu Xiao; Mihael Polymeropoulos The name of the applicant has been altered to **Vanda Pharmaceuticals Inc.**

2019279951 TP Therapeutics, Inc. The name of the applicant has been altered to **Turning Point Therapeutics, Inc.**

2020

2020101437 MADAM, PHANI RAJA KUMAR K The name of the patentee has been altered to **MADAM, P.R.K.**

2020101834 Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University The name of the applicant has been altered to **Inner Mongolia Autonomous Region International Mongolian Medicine Hospital (Inner Mongolia Autonomous Region Mongolian Medicine Research Institute); Inner Mongolia Medical University**

2020101835 Inner Mongolia Autonomous Region International Mongolian Medicine Hospital; Inner Mongolia Medical University The name of the applicant has been altered to **Inner Mongolia Autonomous Region International Mongolian Medicine Hospital (Inner Mongolia Autonomous Region Mongolian Medicine Research Institute); Inner Mongolia Medical University**

2020213299 Transportation IP Holdings, LL The name of the applicant has been altered to **Transportation IP Holdings, LLC**

2020217395 Genzyme Corporation; Children's University Hospital Tubingen The name of the applicant has been altered to **Genzyme Corporation; Eberhard Karls Universitat Tubingen**

Applications Open to Public Inspection

Name Index

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

(71) 10X Genomics, Inc.
 (11) AU-A-2020220097
 (21) 2020220097 (22) 19.08.2020
 (54) FLUIDIC DEVICES, SYSTEMS, AND METHODS FOR ENCAPSULATING AND PARTITIONING REAGENTS, AND APPLICATIONS OF SAME
 (51) Int. Cl.
B01L 3/00 (2006.01)
 (43) 03.09.2020
 (62) 2015243445
 (72) Saxonov, Serge; Ness, Kevin; Hindson, Benjamin; Hindson, Christopher; Masquelier, Donald; Bharadwaj, Rajiv; Mitra, Deb-kishore; Makarewicz, Anthony
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ab Initio Technology LLC
 (11) AU-A-2020217330
 (21) 2020217330 (22) 10.08.2020
 (54) PARALLEL ACCESS TO DATA IN A DISTRIBUTED FILE SYSTEM
 (51) Int. Cl.
G06F 9/54 (2006.01)
G06F 9/455 (2018.01)
G06F 16/182 (2019.01)
 (43) 03.09.2020
 (62) 2014354970
 (72) Wollrath, Ann M.; Douros, Bryan Phil; Isman, Marshall Alan; Wakeling, Timothy
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ABLYNX N.V.
 (11) AU-A-2020217351
 (21) 2020217351 (22) 11.08.2020
 (54) CXCR2 binding polypeptides
 (51) Int. Cl.
C07K 16/28 (2006.01)
 (43) 03.09.2020
 (62) 2018275016
 (72) BRADLEY, Michelle; BROWN, Zarin; CHARLTON, Steven John; CROMIE, Karen; DOMBRECHT, Bruno; STEFFENSEN, Soren; VAN HEEKE, Gino
 (74) Davies Collison Cave Pty Ltd

(71) Acceleron Pharma Inc.
 (11) AU-A-2020217437
 (21) 2020217437 (22) 14.08.2020
 (54) Methods for dosing an activin-ActRIIa antagonist and monitoring of treated patients
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 38/16 (2006.01)
C12Q 1/02 (2006.01)
G01N 33/20 (2006.01)
G01N 33/72 (2006.01)

(43) 03.09.2020
 (62) 2018204100
 (72) Sherman, Matthew L.; Borgstein, Niels
 (74) Shelston IP Pty Ltd.

(71) Acceleron Pharma Inc.
 (11) AU-A-2020220046
 (21) 2020220046 (22) 17.08.2020
 (54) Antagonists of activin-ActRIIa and uses for increasing red blood cell levels
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/38 (2006.01)
A61K 38/43 (2006.01)
A61K 39/395 (2006.01)
A61P 7/06 (2006.01)
 (43) 03.09.2020
 (62) 2018204105
 (72) Sherman, Matthew L.; Seehra, Jasbir; Borgstein, Niels
 (74) Shelston IP Pty Ltd.

(71) Accriva Diagnostics, Inc.
 (11) AU-A-2020220058
 (21) 2020220058 (22) 17.08.2020
 (54) Methods of operating a pump to reduce or eliminate pump backlash errors
 (51) Int. Cl.
G01N 33/49 (2006.01)
F04B 13/00 (2006.01)
 (43) 03.09.2020
 (62) 2017301632
 (72) MISHRA, Ajit; MIERS, David
 (74) Griffith Hack

(71) Adobe Inc.
 (11) AU-A-2020220047
 (21) 2020220047 (22) 17.08.2020
 (54) CONTROLLING SMOOTHNESS OF A TRANSITION BETWEEN IMAGES
 (51) Int. Cl.
G06T 5/50 (2006.01)
 (43) 03.09.2020
 (62) 2016203365
 (72) Paris, Sylvain; Amirghodsi, Sohrab; Darabi, Aliakbar; Shechtman, Elya
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) AgResearch Limited
 (11) AU-A-2020217418
 (21) 2020217418 (22) 13.08.2020
 (54) Improving Growth of Ruminants
 (51) Int. Cl.
A61K 31/198 (2006.01)
A61P 1/14 (2006.01)
A61P 3/02 (2006.01)

(43) 03.09.2020
 (62) 2015202284
 (72) McCoard, Sue
 (74) Catalyst Intellectual Property

(71) AgResearch Limited
 (11) AU-A-2020220068
 (21) 2020220068 (22) 18.08.2020
 (54) Agricultural composition
 (51) Int. Cl.
A01N 25/12 (2006.01)
A23K 10/18 (2016.01)
A23K 40/10 (2016.01)
C05F 11/08 (2006.01)
C12N 1/04 (2006.01)
 (43) 03.09.2020
 (62) 2016249749
 (72) Hurst, Mark Robin Holmes; Swaminathan, Jayanthi
 (74) Catalyst Intellectual Property

(71) Alcoa USA Corp.
 (11) AU-A-2020217389
 (21) 2020217389 (22) 12.08.2020
 (54) ELECTRODE CONFIGURATIONS FOR ELECTROLYTIC CELLS AND RELATED METHODS
 (51) Int. Cl.
C25C 3/08 (2006.01)
C25C 3/06 (2006.01)
C25C 3/10 (2006.01)
C25C 3/12 (2006.01)
C25C 3/18 (2006.01)
C25C 7/06 (2006.01)
 (43) 03.09.2020
 (62) 2017238837
 (72) Liu, Xinghua
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ALSTOM Ferroviaria S.p.A
 (11) AU-A-2020200952
 (21) 2020200952 (22) 10.02.2020
 (54) SYSTEM AND METHOD FOR TRAFFIC MANAGEMENT OF RAILWAY NETWORKS
 (51) Int. Cl.
B61L 27/00 (2006.01)
 (31) 19157570.3 (32) 15.02.19 (33) EP
 (43) 03.09.2020
 (72) Nucci, Davide; Rosti, Massimo; Elia, Filippo
 (74) Michael Buck IP

(71) ALSTOM Transport Technologies
 (11) AU-A-2020200932
 (21) 2020200932 (22) 10.02.2020
 (54) Safety static relay cell and associated assembly of static relay cells
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

H01H 51/00 (2006.01)
H01H 47/02 (2006.01)
H01H 47/36 (2006.01)
(31) 19 01551 **(32)** 15.02.19 **(33)** FR
(43) 03.09.2020
(72) Lamarche, Damien; Bleriot, Quentin; Menand, Denis; Bert, Jean-Claude
(74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
(11) AU-A-2020220074
(21) 2020220074 **(22)** 18.08.2020
(54) Rotationally biased insertion mechanism for a drug delivery pump
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/158 (2006.01)
A61M 5/32 (2006.01)
(43) 03.09.2020
(62) 2016219391
(72) Destefano, Mark A.; Laurence, Lawton; Love, John C.; Hanson, Ian B.; Bente IV, Paul F.
(74) Shelston IP Pty Ltd.

(71) Amgen Inc.
(11) AU-A-2020220098
(21) 2020220098 **(22)** 19.08.2020
(54) Antigen Binding Proteins to Proprotein Convertase Subtilisin Kexin Type 9 (PC-SK9)
(51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
A61P 3/06 (2006.01)
(43) 03.09.2020
(62) 2018247211
(72) Jackson, Simon Mark; Walker, Nigel Pelham Clinton; Piper, Derek Evan; Shan, Bei; Chan, Joyce Chi Yee; King, Chadwick Terence; Ketchem, Randal Robert; Mehlin, Christopher; Shen, Wenyan; Cao, Qiong; Carabeo, Teresa Arazas
(74) WRAYS PTY LTD

(71) AMO Development, LLC
(11) AU-A-2020220116
(21) 2020220116 **(22)** 19.08.2020
(54) Systems and methods for synchronized three-dimensional laser incisions
(51) Int. Cl.
A61F 9/008 (2006.01)
(43) 03.09.2020
(62) 2015315195
(72) Fu, Hong; De Guzman, Patrick; Heitel, Robert; Malek Tabrizi, Alireza
(74) FPA Patent Attorneys Pty Ltd

Aortech Europe Ltd see Aortech International PLC
(21) 2020217455

(71) Aortech International PLC; Aortech Europe Ltd
(11) AU-A-2020217455

(21) 2020217455 **(22)** 14.08.2020
(54) Synthesis of polycarbonate siloxane diols
(51) Int. Cl.
C08G 64/02 (2006.01)
A61L 15/26 (2006.01)
A61L 31/06 (2006.01)
(43) 03.09.2020
(62) 2016274606
(72) Maguire, Francis P.; Venkataramani, Sri-ram
(74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
(11) AU-A-2020217354
(21) 2020217354 **(22)** 11.08.2020
(54) Watch theater mode
(51) Int. Cl.
G09G 5/02 (2006.01)
G06F 3/14 (2006.01)
G09G 5/10 (2006.01)
(43) 03.09.2020
(62) 2017330211
(72) MCATEE, Kevin Tyler; GOWREE-SUNKER, Baboo; LAMB, Michael J.; SCHORSCH, Brent W.; LYNCH, Kevin
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2020217360
(21) 2020217360 **(22)** 11.08.2020
(54) Devices, methods, and graphical user interfaces for moving a current focus using a touch-sensitive remote control
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/041 (2006.01)
G06F 3/0484 (2013.01)
G06F 3/0486 (2013.01)
G06F 3/0488 (2013.01)
H04M 1/725 (2006.01)
H04N 5/445 (2006.01)
H04N 21/00 (2011.01)
(43) 03.09.2020
(62) 2019203639
(72) LOCHHEAD, Jonathan; CLARKE, Graham R.; VOSS, Justin T.; HOWARD, Joe R.; PENHA, Henrique D.; FOLSE, Jennifer L.; ROBBIN, Jeffrey L.; SEELY, Blake R.; RICKETSON, Matthew D.; KEIGHRAN, Benjamin W.; MCGLINN, Joshua K.; WELLS, Nicole M.; BACHMAN, William M.; HWANG, Grace H.; ALONSO RUIZ, Marcos
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2020217453
(21) 2020217453 **(22)** 14.08.2020
(54) Using biometric authentication for NFC-based payments
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/32 (2013.01)
G06Q 20/32 (2012.01)
(43) 03.09.2020
(62) 2018202035
(72) KHAN, Ahmer A.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2020217458
(21) 2020217458 **(22)** 14.08.2020
(54) User interface for managing controllable external devices
(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/0488 (2013.01)
G06F 13/10 (2006.01)
H04L 12/26 (2006.01)
(43) 03.09.2020
(62) 2019201853
(72) COFFMAN, Patrick L.; BEHZADI, Arian; FOSS, Christopher Patrick; IRANI, Cyrus Daniel; KAWASHIMA, Leyuki; LEMAY, Stephen O.; SOLI, Christopher D.; WILSON, Christopher
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2020220088
(21) 2020220088 **(22)** 18.08.2020
(54) Triggering notifications associated with tasks to perform
(51) Int. Cl.
G06Q 10/00 (2006.01)
(43) 03.09.2020
(62) 2020202534
(72) GRUBER, Thomas R.; SABATELLI, Alessandro F.; ANZURES, Freddy A.; PITSCHELL, Donald W.; AYBES, Alexandre A.; VOAS, Edward D.; MARCOS, Paul D.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2020220096
(21) 2020220096 **(22)** 19.08.2020
(54) Device, method and, graphical user interface for navigating media content
(51) Int. Cl.
G06F 3/048 (2013.01)
H04N 21/431 (2011.01)
(43) 03.09.2020
(62) 2019200621
(72) PENHA, Henrique D.; HWANG, Grace H.; CLARKE, Graham R.; BUTCHER, Gary I.; ALONZO RUIZ, Marcos; PIVONKA, Pavel; ROBBIN, Jeffrey L.; BACHMAN, William M.; KEIGHRAN, Benjamin W.; FOLSE, Jennifer L.C.; LOCHHEAD, Jonathan; HOWARD, Joe R.; MCGLINN, Joshua K.; CHEN, Elbert D.; SCHMITT, Brian A.; CHAUDHRI, Imran A.; IVE, Jonathan; DYE, Alan C.; WILSON, Christopher I.; WILLIAMS, Aled H.; BEBBINGTON, Samuel H.
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2019201024
(21) 2019201024 **(22)** 14.02.2019

Applications Open to Public Inspection - Name Index cont'd

(54) GAMING DEVICE WITH A CHANGING ARRANGEMENT OF SYMBOL DISPLAY POSITIONS
 (51) Int. Cl.
G07F 17/32 (2006.01)
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 B60W 60/00 (2020.01)
 B62D 1/28 (2006.01)
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A01M 7/00 (2006.01)
B05B 1/06 (2006.01)
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C07K 14/715 (2006.01)
A61K 38/17 (2006.01)
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C07H 21/00 (2006.01)
C12N 15/113 (2010.01)
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G06N 99/00 (2010.01)
H01L 25/16 (2006.01)
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A61N 1/04 (2006.01)
A61B 5/04 (2006.01)
A61B 5/053 (2006.01)
A61N 1/32 (2006.01)
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 (54) Use of cannabidiol in the treatment of epilepsy
 (51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/195 (2006.01)
A61K 31/20 (2006.01)
A61K 31/27 (2006.01)
A61K 31/352 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/423 (2006.01)
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A61K 31/53 (2006.01)
A61K 31/551 (2006.01)
A61K 31/5513 (2006.01)
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A61P 25/10 (2006.01)
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A61K 31/05 (2006.01)
A61K 31/195 (2006.01)
A61K 31/20 (2006.01)
A61K 31/27 (2006.01)
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A62C 2/06 (2006.01)
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F03B 17/06 (2006.01)
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A61L 9/01 (2006.01)
B01D 53/84 (2006.01)
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 A61P 31/14 (2006.01)
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 (51) Int. Cl.
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 C12N 5/0783 (2010.01)
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 C07K 7/06 (2006.01)
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 C07K 7/06 (2006.01)
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 (51) Int. Cl.
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 (51) Int. Cl.
 C07K 7/06 (2006.01)
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 (51) Int. Cl.
 C07K 7/06 (2006.01)
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(51) Int. Cl.
C07K 7/06 (2006.01)
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 B67D 1/14 (2006.01)
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A61K 31/195 (2006.01)
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A61K 31/496 (2006.01)
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B63B 49/00 (2006.01)
G01S 15/89 (2006.01)
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C07C 69/82 (2006.01)
B01F 3/00 (2006.01)
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D06F 81/00 (2006.01)
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A61K 35/74 (2006.01)
A61P 1/00 (2006.01)
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C07K 14/47 (2006.01)
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(11) AU-A-2020217460
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(54) Fluid cooling apparatus
(51) Int. Cl.
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 (54) Natural sweetener
 (51) Int. Cl.
 A61K 31/70 (2006.01)
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 A61N 1/375 (2006.01)
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 H01R 31/06 (2006.01)
 A61N 1/36 (2006.01)
 H01R 13/52 (2006.01)
 H01R 13/58 (2006.01)
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 C08J 3/12 (2006.01)
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 C09D 5/08 (2006.01)
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 C09D 127/18 (2006.01)
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 E21C 35/24 (2006.01)
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B21C 37/15 (2006.01)
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A61K 9/20 (2006.01)
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A61M 25/10 (2006.01)
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B64G 1/40 (2006.01)
C12N 1/14 (2006.01)
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C12M 1/00 (2006.01)
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B64F 1/22 (2006.01)
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(54) Methods and systems for detecting and resolving failure events when raising and lowering a payload
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B64D 1/22 (2006.01)
B64C 39/02 (2006.01)
B66D 1/12 (2006.01)
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| 2019201012 | Guangzhou Anland ST Co., Ltd | 2020213294 | Immatics Biotechnologies GmbH |
| 2019201013 | Guangzhou Anland ST Co., Ltd | 2020213295 | Immatics Biotechnologies GmbH |
| 2019201024 | Aristocrat Technologies Australia Pty Limited | 2020213389 | Fisher & Paykel Healthcare Limited |
| 2019201037 | Schrudder, V.; Schrudder, N.L. | 2020213413 | Smith & Nephew Inc.; University of Massachusetts |
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| 2019232826 | Aristocrat Technologies Australia Pty Limited | 2020217360 | Apple Inc. |
| 2019240723 | PFL Spaces International Pty Ltd | 2020217361 | Neste Oyj |
| 2019264661 | United Arab Emirates University | 2020217362 | Cargill, Incorporated |
| 2019264662 | United Arab Emirates University | 2020217365 | PAVMed Inc. |
| 2019275510 | Panasonic Intellectual Property Management Co., Ltd. | 2020217366 | Maplebear, Inc. (dba Instacart) |
| 2020200248 | NAVICO HOLDING AS | 2020217367 | PAVMed Inc. |
| 2020200311 | Dura Composites Limited | 2020217369 | TriAgenics, Inc. |
| 2020200392 | Deere & Company | 2020217370 | UCB Biopharma SRL |
| 2020200494 | Heraeus Medical GmbH | 2020217373 | Nantong University |
| 2020200549 | Sulzer Management AG | 2020217377 | Google LLC |
| 2020200557 | Nakamura, K. | 2020217383 | TARIS Biomedical LLC |
| 2020200634 | Rohm and Haas Company | 2020217384 | The Nielsen Company (US), LLC |
| 2020200674 | Toyota Shatai Kabushiki Kaisha | 2020217386 | Vifor (International) AG |
| 2020200703 | IGT | 2020217387 | Cardionomic, Inc. |
| 2020200725 | Croplands Equipment Pty Ltd | 2020217388 | Cibus US LLC; Cibus Europe B.V. |
| 2020200764 | The Boeing Company | 2020217389 | Alcoa USA Corp. |
| 2020200830 | Cufone, M.J. | 2020217390 | The Procter & Gamble Company |
| 2020200838 | General Electric Company | 2020217391 | Niagara Bottling, LLC; Hanan, J.; Shabafrooz, V.; Bandla, S. |
| 2020200847 | CATERPILLAR INC. | 2020217392 | University of Massachusetts Lowell |
| 2020200848 | CATERPILLAR INC. | 2020217393 | PGS Geophysical AS |
| 2020200850 | CATERPILLAR INC. | 2020217394 | Ventia Utility Services Pty Ltd |
| 2020200928 | Sandvik Mining and Construction Oy | 2020217395 | Genzyme Corporation; Children's University Hospital Tubingen |
| 2020200932 | ALSTOM Transport Technologies | 2020217398 | IHG Pharmaco Limited |
| 2020200952 | ALSTOM Ferroviaria S.p.A | 2020217399 | Google LLC |
| 2020200988 | TRACTO-TECHNIK GmbH & Co. KG | 2020217400 | Dropbox, Inc. |
| 2020201013 | WHALE LABS PTY LTD | 2020217401 | DEKA Products Limited Partnership |
| 2020201022 | TRACTO-TECHNIK GmbH & Co. KG | 2020217402 | Sage Therapeutics, Inc. |
| 2020201045 | TRACTO-TECHNIK GmbH & Co. KG | 2020217403 | Children's Hospital Los Angeles; Nanovalent Pharmaceuticals, Inc. |
| 2020201052 | ASSA ABLOY Australia Pty Limited | 2020217404 | Intersect ENT, Inc. |
| 2020201060 | TRACTO-TECHNIK GmbH & Co. KG | 2020217406 | Bristol-Myers Squibb Company |
| 2020201061 | TRACTO-TECHNIK GmbH & Co. KG | 2020217408 | Massachusetts Eye and Ear Infirmary |
| 2020201063 | Motz Enterprises, Inc | 2020217409 | Topcon Corporation |
| 2020201071 | Motz Enterprises, Inc. | 2020217410 | Austin Engineering Limited |
| 2020201072 | ASSA ABLOY New Zealand Limited | 2020217412 | Sanofi |
| 2020201084 | Inner Mongolia University of Technology | 2020217413 | The Gillette Company LLC |
| 2020201088 | Foster, D. | 2020217414 | The Gillette Company LLC |
| 2020201094 | Deks Industries Pty Ltd | 2020217416 | Joy Global Surface Mining Inc |
| 2020201095 | EVERETT, T. | 2020217417 | GW Pharma Limited |
| 2020201097 | STRYKER AUSTRALIA PTY LTD | 2020217418 | AgResearch Limited |
| 2020201105 | TRACTO-TECHNIK GmbH & Co. KG | 2020217420 | CIRKUL, INC. |
| 2020201136 | Mist Systems, Inc. | 2020217427 | Neurimmune Holding AG |
| 2020201148 | EWRG (SOUTH) PTY LTD | 2020217428 | British American Tobacco (Investments) Limited |
| 2020201150 | Schneider Electric (Australia) Pty Limited | 2020217433 | Publicover, M.; Foster, W. |
| 2020201152 | JELD-WEN, Inc. | 2020217434 | W. L. Gore & Associates, Inc. |
| 2020201158 | Plasan SASA Ltd. | 2020217436 | Sola Ip, LLC |
| 2020201159 | TRACTO-TECHNIK GmbH & Co. KG | 2020217437 | Acceleron Pharma Inc. |
| 2020201180 | Cullimore Engineering Limited | 2020217438 | Mayne Pharma International Pty. Ltd. |
| 2020203262 | Everett, T. | 2020217439 | SPR Therapeutics, Inc. |
| 2020203570 | Samsung Electronics Co., Ltd. | 2020217440 | Nutramax Laboratories, Inc. |
| 2020205226 | Velano Vascular, Inc. | | |
| 2020207868 | Samsung Electronics Co., Ltd. | | |
| 2020210243 | Covidien LP | | |

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| 2020217460 | Samsung Heavy Ind. Co., Ltd | | |
| 2020217462 | Visby Medical, Inc. | | |
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| 2020220039 | Immatics Biotechnologies GmbH | | |
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| 2020220046 | Acceleron Pharma Inc. | | |
| 2020220047 | Adobe Inc. | | |
| 2020220048 | Revitope Limited | | |
| 2020220049 | ResMed Pty Ltd | | |
| 2020220050 | Karsten Manufacturing Corporation | | |
| 2020220051 | Karsten Manufacturing Corporation | | |
| 2020220053 | THE CHEMOURS COMPANY FC, LLC | | |
| 2020220058 | Accriva Diagnostics, Inc. | | |
| 2020220059 | Cibus US LLC; Cibus Europe B.V. | | |
| 2020220064 | Hydrokinetic Energy Corp | | |
| 2020220066 | Holyoake Industries Limited | | |
| 2020220068 | AgResearch Limited | | |
| 2020220069 | JT International SA | | |
| 2020220070 | Immatics Biotechnologies GmbH | | |
| 2020220071 | Immatics Biotechnologies GmbH | | |
| 2020220072 | Immatics Biotechnologies GmbH | | |
| 2020220073 | Immatics Biotechnologies GmbH | | |
| 2020220074 | Amgen Inc. | | |
| 2020220079 | Cancer Research Technology Limited | | |
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| 2020220083 | Wing Aviation LLC | | |
| 2020220084 | REBIOTIX, INC. | | |
| 2020220085 | Boston Scientific Scimed, Inc. | | |
| 2020220087 | Typhon Technology Solutions, LLC | | |
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| 2020220095 | Jhunjhunwala, S. | | |
| 2020220096 | Apple Inc. | | |
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| 2020220098 | Amgen Inc. | | |
| 2020220099 | Ionis Pharmaceuticals, Inc. | | |
| 2020220100 | Royal Melbourne Institute of Technology; Meat & Livestock Australia Limited | | |
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| 2020220105 | Biodelivery Sciences International, Inc. | | |
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. (*) Title not in Roman characters

. (**) Title not given

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- 2020101537** Chongqing University of Education
- 2020101538** Zhejiang Nipudun Technology Co., Ltd
- 2020101539** HUMCEN CO; Chandran, S.; Muralidharan, S.; Durairaj, M.
- 2020101540** Mitsubishi Heavy Industries Thermal Systems, Ltd.
- 2020101542** Department of Neurosurgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology
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- 2020101562** Kshirsagar, P.; Gulati, K.; Dadheech, P.; Manjunath, T.; Muthusundari, S.; Sreenivasu, S.; Chandnani, N.; Chandrasekaran, S.; Kumar, K.; Chandra, A.S.; Reddy, G.D.; Manju, J.R.; R, H.; Yaseen, S.M.; Yaqoob, S.I.

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 DEISINGER, Thomas
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 Wouter; TOMASEVIC, Nenad
 (74) Spruson & Ferguson
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 (51) Int. Cl.
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C05G 3/90 (2020.01)
C07D 231/12 (2006.01)
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C07H 21/02 (2006.01)
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A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 211/32 (2006.01)
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G01C 15/04 (2006.01)
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G05D 1/02 (2006.01)
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G06T 7/73 (2017.01)
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B61G 3/10 (2006.01)
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A01N 63/00 (2006.01)
A01P 1/00 (2006.01)
A61K 35/76 (2015.01)
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A61P 31/04 (2006.01)
C07K 14/005 (2006.01)
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C07K 1/113 (2006.01)
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C07K 16/28 (2006.01)
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A61K 9/14 (2006.01)
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D02G 3/44 (2006.01)
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A61K 31/16 (2006.01)
A23L 33/10 (2016.01)
A61K 31/165 (2006.01)

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A61K 31/165 (2006.01)
A23L 33/10 (2016.01)
A61P 9/00 (2006.01)
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A24D 3/06 (2006.01)
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C22C 38/00 (2006.01)
C22C 38/54 (2006.01)
C21D 6/00 (2006.01)
C21D 8/10 (2006.01)
C21D 9/08 (2006.01)
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G06N 10/00 (2019.01)
H03K 3/38 (2006.01)
H03K 19/16 (2006.01)
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C07D 487/14 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/5025 (2006.01)
A61P 31/16 (2006.01)
C07D 498/14 (2006.01)
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G06K 9/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1172 (2016.01)
G01N 33/50 (2006.01)
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A61K 38/17 (2006.01)
C07K 14/705 (2006.01)
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C07D 205/04 (2006.01)
A61K 31/397 (2006.01)
A61K 31/40 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
A61P 25/16 (2006.01)
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A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
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A61K 31/19 (2006.01)
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B01L 3/00 (2006.01)
B01J 19/00 (2006.01)
B01L 3/02 (2006.01)
B01L 7/00 (2006.01)
C12M 3/00 (2006.01)
C12M 3/06 (2006.01)
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B01J 20/26 (2006.01)
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B82Y 15/00 (2011.01)
C12M 1/00 (2006.01)
C12Q 1/6869 (2018.01)
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G02B 13/08 (2006.01)
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H04N 5/232 (2006.01)
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C11B 1/10 (2006.01)
A23D 9/00 (2006.01)
A23D 9/007 (2006.01)
B01D 11/02 (2006.01)
C11B 3/12 (2006.01)
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C07K 14/54 (2006.01)
A61K 38/00 (2006.01)

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A61K 31/6615 (2006.01)
A61K 31/69 (2006.01)
A61P 31/04 (2006.01)
C07D 249/06 (2006.01)
C07D 405/12 (2006.01)
C07F 5/04 (2006.01)
C07F 9/09 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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G01N 33/24 (2006.01)
G01N 1/08 (2006.01)
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G01N 33/02 (2006.01)
H04W 12/06 (2009.01)
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A61B 34/30 (2016.01)
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C09D 5/00 (2006.01)
C09D 5/08 (2006.01)
C09D 7/40 (2018.01)
C09D 7/63 (2018.01)
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H04W 74/00 (2009.01)
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A61P 19/06 (2006.01)
C07D 231/56 (2006.01)
C07D 401/12 (2006.01)
C07D 471/04 (2006.01)
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A61B 17/24 (2006.01)
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A61P 25/18 (2006.01)
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A61B 8/00 (2006.01)
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A61P 35/00 (2006.01)
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C07D 239/74 (2006.01)
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H02K 5/10 (2006.01)
H01R 13/52 (2006.01)
H02K 11/33 (2016.01)
H02K 5/22 (2006.01)
(87) WO2019/168861
(31) 62/635,630 **(32)** 27.02.18 **(33)** US
(43) 06.09.2019
(72) BORG, Dustin; HOHN, James; MC-CORMICK, Garrett
(74) FB Rice Pty Ltd
-
- (71)** Zoetis Services LLC
(11) AU-A-2019234213
(21) 2019234213 **(22)** 18.01.2019
(54) Anti-NGF antibodies and methods thereof
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
(87) WO2019/177690
(31) 62/641,538 **(32)** 12.03.18 **(33)** US
(43) 19.09.2019
(72) STEINIGER, Sebastian C. J.; DUNKLE, William; RUGG, Catherine; DUNHAM, Steven A.
(74) Davies Collison Cave Pty Ltd
-
- (71)** Zoetis Services LLC
(11) AU-A-2019242554
(21) 2019242554 **(22)** 25.03.2019
(54) Egg transfer module having free-moving ejector, and associated systems and methods
(51) Int. Cl.
A01K 43/00 (2006.01)
(87) WO2019/190946
(31) 62/647,976 **(32)** 26.03.18 **(33)** US
 62/795,182 22.01.19 US
(43) 03.10.2019
(72) SHU, William Dongwook; WILLIAMS, Christopher John; SCHNUPPER, Michael Glenn; CLARKE Jr., James Dennis
(74) Davies Collison Cave Pty Ltd
-
- (71)** ZTE Corporation
(11) AU-A-2018407202
(21) 2018407202 **(22)** 09.02.2018
(54) Data transmission and management for positioning mobile devices
(51) Int. Cl.
H04W 64/00 (2009.01)
(87) WO2019/153215
(43) 15.08.2019
(72) LIU, Xu; DAI, Bo; SHA, Xiubin; LU, Ting
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** ZTE Corporation
(11) AU-A-2019218311
(21) 2019218311 **(22)** 01.02.2019
(54) Heat-insulation device and electronic product
(51) Int. Cl.
H05K 5/02 (2006.01)
H05K 7/20 (2006.01)
(87) WO2019/154307
(31) 201810136695.4 **(32)** 09.02.18 **(33)** CN
(43) 15.08.2019
(72) WU, Dianfeng
(74) Spruson & Ferguson

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| 2017392666 | Golden Leaf-Works Co., Ltd. | 2018414126 | Verde Environmental Technologies, Inc. |
| 2018383691 | P&H Casters Co., Inc. | 2018415721 | Google LLC |
| 2018401502 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2018417096 | Mitsubishi Electric Corporation |
| 2018401993 | Ten Haaft, M.; Ten Haaft, A. | 2018417350 | Mitsubishi Electric Corporation |
| 2018402131 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018427043 | Jang, H. |
| 2018402616 | Mitsubishi Heavy Industries Thermal Systems, Ltd. | 2018427174 | Halliburton Energy Services, Inc. |
| 2018402684 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2018439289 | CRRC Zhuzhou Locomotive Co., Ltd. |
| 2018402872 | Daikin Industries, Ltd. | 2018441227 | Dalian University of Technology |
| 2018403070 | Neural Analytics, Inc. | 2019205732 | LG Electronics Inc. |
| 2018403187 | Safekick Americas LLC | 2019206268 | Fundación Instituto de Investigación Sanitaria de Santiago de Compostela (FIDIS); Servizo Galego de Saúde |
| 2018403226 | e-Longation, LLC | 2019206435 | Heartwood Sustainable Industries (Pty) Ltd |
| 2018403248 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019206495 | Editorji Technologies Private Limited |
| 2018403260 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019206551 | Husqvarna AB |
| 2018403272 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019206684 | Hydra-Zorb |
| 2018403273 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019206685 | Truetiva Inc. |
| 2018403381 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019207140 | Medspring International Limited |
| 2018403404 | Changsha Hooz Bioscience And Technology Co., Ltd | 2019207218 | LG Electronics Inc. |
| 2018403505 | SICPA HOLDING SA | 2019207224 | LG Electronics Inc. |
| 2018403506 | SICPA HOLDING SA | 2019207276 | Nanjing Legend Biotech Co., Ltd. |
| 2018403733 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019207448 | Matisa Materiel Industriel S.A. |
| 2018403734 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019207524 | Intelligent Drilling Applications & Technologies (IDAT) Pty Ltd |
| 2018404402 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019207593 | Enigmatos Ltd. |
| 2018405470 | Razer (Asia-Pacific) Pte. Ltd. | 2019207913 | Bono, P. |
| 2018405819 | LG Electronics Inc. | 2019207926 | Marechal Electric |
| 2018406473 | Kimberly-Clark Worldwide, Inc. | 2019207934 | Marechal Electric |
| 2018407142 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019208025 | Allakos, Inc. |
| 2018407202 | ZTE Corporation | 2019208033 | Bono, P. |
| 2018407695 | Jiangnan University | 2019208100 | Collision, Inc. |
| 2018408414 | Valagro S.p.A. | 2019208104 | Hygieia Health Co., Limited; Nutratelligence |
| 2018408693 | Huawei Technologies Co., Ltd. | 2019208460 | Cytophage Technologies Inc. |
| 2018408725 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019208515 | Aurigen Discovery Technologies Limited |
| 2018408822 | Tronox LLC | 2019208785 | Suzhou Sinovent Pharmaceuticals Co., Ltd. |
| 2018409007 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019208793 | Jiangsu Hengrui Medicine Co., Ltd. |
| 2018409020 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019208842 | Asahi Group Holdings, Ltd. |
| 2018409049 | The University of Western Australia | 2019208867 | LG Electronics Inc. |
| 2018409080 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019209002 | Agency for Science, Technology and Research |
| 2018409146 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019209200 | Pulse Biosciences, Inc. |
| 2018409506 | Telefonaktiebolaget LM Ericsson (publ) | 2019209290 | Vertex Pharmaceuticals Incorporated |
| 2018409528 | GC Corporation | 2019209292 | Vertex Pharmaceuticals Incorporated |
| 2018409584 | Yazaki Energy System Corporation | 2019209293 | Vertex Pharmaceuticals Incorporated |
| 2018409699 | Mitsubishi Electric Corporation | 2019209306 | Pulse Biosciences, Inc. |
| 2018410224 | Johnson Living Trust | 2019209341 | Elekta, Inc. |
| 2018410918 | Medtronic Xomed, Inc. | 2019209351 | Lone Gull Holdings, Ltd. |
| 2018411014 | Sumitomo Electric Industries, Ltd. | 2019209440 | Acutus Medical, Inc. |
| 2018411281 | Motorola Solutions, Inc | 2019209538 | UCHU Biosensors, Inc. |
| 2018411307 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019209595 | MeiraGTx UK II Limited; Universität Heidelberg |
| 2018411583 | ZIH Corp. | 2019209760 | GRIFF Aviation AS |
| 2018411586 | Codagenix, Inc. | 2019209770 | CLS Therapeutics Limited |
| 2018411731 | Agritechnology Pty Ltd; Ingredients Advisory Services Pty Ltd | 2019209865 | The Children's Hospital of Philadelphia |
| 2018411891 | Itoi, S. | 2019209870 | The Children's Hospital of Philadelphia |
| 2018412205 | Mitsubishi Electric Corporation | 2019209934 | Site Saver, Inc. |
| 2018412561 | Colgate-Palmolive Company | 2019210127 | Mollick, P. |
| 2018412991 | Mitsubishi Electric Corporation | 2019210133 | Neural Analytics, Inc. |
| 2018413231 | Mitsubishi Electric Corporation | 2019210146 | Tel Hashomer Medical Research Infrastructure and Services Ltd.; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) |
| 2018413295 | Graphic Packaging International, LLC | 2019210174 | BP Corporation North America Inc.; Green Imaging Technologies, Inc. |
| | | 2019210328 | Rainmaker Solutions, Inc. |
| | | 2019210383 | Chengdu Lv Li Environmental Protection Technology Co. Ltd |
| | | 2019210414 | Jiangxi Caishi Pharmaceutical Technology Co., Ltd. |
| | | 2019210699 | Byrne, J. |
| | | 2019210705 | Royal Melbourne Institute of Technology |
| | | 2019210865 | Green Space Co., Ltd. |

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| 2019210981 | Biocartis NV | 2019218741 | Lockheed Martin Corporation |
| 2019211023 | Aqua Robotics AS | 2019218785 | The United States of America, as represented by The Secretary, Department of Health and Human Services |
| 2019211149 | Owens-Brockway Glass Container Inc. | 2019218792 | The Board of Trustees of the Leland Stanford Junior University |
| 2019211338 | Dickerson, T. | 2019218797 | Indiana University Research and Technology Corporation |
| 2019211466 | M. Attalla Pty Ltd | 2019218889 | Texas Medical Center |
| 2019211693 | Suzhou Sinovent Pharmaceuticals Co., Ltd. | 2019218893 | NeuPharma, Inc. |
| 2019211761 | Yasseen, W. | 2019218942 | L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude; Carbagas |
| 2019211943 | US Enovacor ApS | 2019218959 | Genentech, Inc. |
| 2019212036 | AFL IG LLC | 2019218978 | Inimmune Corporation |
| 2019212118 | BeyondSpring Pharmaceuticals, Inc. | 2019219236 | Promimic AB |
| 2019212176 | Biocartis NV | 2019219658 | Resilux N.V. |
| 2019212513 | Fluidx Medical Technology, LLC | 2019219874 | IP Reserve Pty Ltd |
| 2019212648 | Lone Gull Holdings, Ltd. | 2019220015 | Huawei Technologies Co., Ltd. |
| 2019212674 | Nanjing Legend Biotech Co., Ltd. | 2019220154 | Cockerill Maintenance & Ingenierie S.A. |
| 2019212751 | Vehicle Hail Scan Systems, LLC; Scanmen, Ltd | 2019220327 | Supergrid Institute; Universite D'evry Val D'essonne |
| 2019212858 | Welltec Oilfield Solutions AG | 2019220341 | N.V. Nutricia |
| 2019212918 | Inductotherm Corp. | 2019220347 | Viking Arm AS |
| 2019213010 | Veolia Water Solutions & Technologies Support | 2019220351 | Pulse Engineering Services Limited |
| 2019213020 | Wieth, F.; Filosi, A. | 2019220419 | Evonik Operations GmbH |
| 2019213577 | ASSIA SPE, LLC | 2019220440 | The Institute of Cancer Research: Royal Cancer Hospital; The Royal Marsden NHS Foundation Trust; ARC-Net Centre for Applied Research on Cancer Università Degli Studi di Verona |
| 2019213678 | Research Institute at Nationwide Children's Hospital | 2019220452 | Lidia, M.M. |
| 2019213712 | Braincept AG | 2019220500 | Anheuser-Busch InBev S.A. |
| 2019213854 | MyoKardia, Inc. | 2019220503 | REGEnLIFE |
| 2019213886 | Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd. | 2019220613 | NPL Management Limited |
| 2019214082 | Sichuan Inlu Weite Pharmaceutical Technology Co., Ltd. | 2019220614 | Highview Enterprises Limited |
| 2019214159 | Jiangsu Hengrui Medicine Co., Ltd. | 2019220662 | Constellation Pharmaceuticals, Inc. |
| 2019214443 | Nanomateriales y Polimeros, S.L.; Universidad de Granada | 2019220739 | Arrowhead Pharmaceuticals, Inc. |
| 2019214531 | Reaxing S.r.l. | 2019220997 | Syngenta Participations AG |
| 2019214550 | Wix.com Ltd. | 2019221104 | MAHYTEC |
| 2019215010 | Smiths Medical ASD, Inc. | 2019221124 | Coformex |
| 2019215050 | The Regents of the University of Michigan | 2019221324 | The National Institute for Biotechnology in the Negev Ltd. |
| 2019215063 | Bioverativ Therapeutics, Inc. | 2019221346 | Tata Steel Nederland Technology B.V. |
| 2019215224 | Vitro Flat Glass LLC | 2019221452 | Owens-Brockway Glass Container Inc. |
| 2019215617 | Brintal Limited | 2019221494 | Kellogg Company |
| 2019215680 | Ebnet, J. | 2019221504 | Dolphin Care ApS |
| 2019215711 | Ulbrichts GmbH | 2019221603 | Syngenta Participations AG |
| 2019216086 | Neuracle Genetics Inc. | 2019221638 | EconCore N.V. |
| 2019216342 | ELC Management LLC | 2019221672 | AbbVie Inc. |
| 2019216473 | Watson-Marlow Bredel B.V. | 2019221749 | vipHomeLink, LLC |
| 2019216761 | Acceleron Pharma Inc.; The Regents of the University of Michigan | 2019221763 | Minnetronix Neuro, Inc. |
| 2019216765 | Ball Corporation | 2019221764 | Integrity Security Services LLC |
| 2019216876 | DYWIDAG-Systems International Pty Limited | 2019221798 | UCL Business Ltd |
| 2019216877 | ATP Institute Pty Ltd | 2019221817 | Intelligent Textiles Limited |
| 2019216975 | Trustees of Tufts College | 2019221837 | Memorial Sloan-Kettering Cancer Center |
| 2019216976 | XR Health IL Ltd | 2019221849 | Svejkovsky, P. |
| 2019217118 | Neurobiogen Co., Ltd. | 2019221898 | Eltek S.p.A. |
| 2019217136 | Samyang Corporation | 2019221901 | Eltek S.p.A. |
| 2019217162 | Ingine, Inc. | 2019222101 | Kabushiki Kaisha Miyanaga |
| 2019217292 | Shanghai Dongxi Zhihui Biological Medicine Co., Ltd. | 2019222274 | Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd. |
| 2019217369 | Becton, Dickinson and Company | 2019222350 | Theravalues Corporation |
| 2019217388 | Shijiazhuang Sagacity New Drug Development Company, Ltd. | 2019222462 | DermTech, Inc. |
| 2019217431 | Adlore, Inc. | 2019222508 | NovoBiotic Pharmaceuticals, LLC |
| 2019217488 | Aquis Wasser-Luft-Systeme GmbH, Lindau, Zweigniederlassung Rebstein | 2019222578 | MAKO Surgical Corp. |
| 2019217570 | Stimit AG | 2019222583 | BNNT, LLC |
| 2019217572 | Stimit AG | 2019222644 | Gilead Sciences, Inc. |
| 2019217590 | Karl Leibinger Medizintechnik GmbH & Co. KG. | 2019222650 | Baker Hughes Holdings LLC |
| 2019217611 | Mirarchi, F. | 2019222666 | Macrogenics, Inc. |
| 2019217656 | SDI Limited | 2019222709 | Oregon Health & Science University |
| 2019217659 | United Textiles Asia Pty Ltd | 2019222740 | CareFusion 303, Inc. |
| 2019217661 | The Decor Corporation Pty. Ltd. | 2019223037 | Eurofilters Holding N.V. |
| 2019217905 | Cargill, Incorporated | 2019223237 | Ospedale San Raffaele S.r.l. |
| 2019218263 | P&Z Biological Technology LLC | 2019223302 | Oxford University Innovation Limited |
| 2019218311 | ZTE Corporation | 2019223398 | Medacta International SA; Universität Zürich |
| 2019218371 | Panavision International, L.P. | 2019223435 | Telefonaktiebolaget LM Ericsson (publ) |
| 2019218384 | The Penn State Research Foundation | 2019223875 | Vechain Global Technology S.A.R.L. |
| 2019218399 | TPRX Tech, LLC | 2019223882 | Beijing Tide Pharmaceutical Co., Ltd. |
| 2019218400 | The Scripps Research Institute | | |
| 2019218433 | Beijing Hanmi Pharmaceutical Co., Ltd. | | |
| 2019218548 | Metabolomic Diagnostics Limited | | |

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| 2019224015 | Kerry Luxembourg S.à.r.l. | 2019229936 | Northrop Grumman Systems Corporation |
| 2019224051 | Fred Hutchinson Cancer Research Center | 2019229950 | Northrop Grumman Systems Corporation |
| 2019224197 | Pyrotek High Temperature Industrial Products Inc. | 2019229976 | AVX Corporation |
| 2019224273 | Wilhelm Layher Verwaltungs-GmbH | 2019230055 | Stryker Corporation |
| 2019224274 | Wilhelm Layher Verwaltungs-GmbH | 2019230099 | ConocoPhillips Company |
| 2019224344 | Ono Pharmaceutical Co., Ltd. | 2019230446 | TMJ Orthopaedics Pty Ltd |
| 2019224662 | MJN U.S. Holdings LLC | 2019230666 | Yuyama MFG. Co., Ltd. |
| 2019224673 | UPL Ltd | 2019231115 | GeoOptics, Inc. |
| 2019224719 | LG Electronics Inc. | 2019231170 | ConMed Corporation |
| 2019224931 | BabyBjörn AB | 2019231172 | Phanes Therapeutics, Inc. |
| 2019225146 | Helios Data Inc. | 2019231191 | OncoImmune, Inc.; University of North Carolina at Chapel Hill; Institute of Biophysics, Chinese Academy of Sciences; Kunming Institute of Zoology, Chinese Academy of Sciences |
| 2019225174 | Endocyte, Inc.; Purdue Research Foundation; Seattle Children's Hospital (DBA Seattle Children's Research Institute) | 2019231232 | Modern Meadow, Inc. |
| 2019225278 | Mitsubishi Heavy Industries Thermal Systems, Ltd. | 2019231511 | TIOS AS |
| 2019225649 | ConMed Corporation | 2019231696 | Genmab A/S |
| 2019225657 | Motorola Solutions, Inc. | 2019231791 | Agenus Inc. |
| 2019225729 | Washington State University | 2019231879 | Donaldson Company, Inc. |
| 2019225763 | Depuy Ireland Unlimited Company | 2019232163 | Carmeda AB |
| 2019225764 | Depuy Ireland Unlimited Company | 2019232523 | Etablissement Francais Du Sang |
| 2019225801 | Crown Equipment Corporation | 2019232665 | CPP Incorporated |
| 2019225813 | Eli Lilly and Company | 2019232702 | Vanda Pharmaceuticals Inc.; Polymeropoulos, V.; Polymeropoulos, C.; Xiao, C.; Polymeropoulos, M. |
| 2019225884 | BASF SE | 2019232768 | Klinikum Rechts Der Isar Der Technischen Universität München |
| 2019226001 | Bristol-Myers Squibb Company; Roche Innovation Center Copenhagen A/S | 2019233577 | OSE Immunotherapeutics |
| 2019226009 | Five Prime Therapeutics, Inc. | 2019233581 | Tusk Therapeutics Ltd; Cancer Research Technology Limited |
| 2019226011 | Five Prime Therapeutics, Inc. | 2019234213 | Zoetis Services LLC |
| 2019226083 | Adare Pharmaceuticals US, L.P. | 2019234574 | AbbVie Inc. |
| 2019226359 | BASF SE | 2019234670 | Shire Human Genetic Therapies, Inc. |
| 2019226419 | The Secretary of State for Defence | 2019234739 | Amgen Inc. |
| 2019226426 | Dyson Technology Limited | 2019235309 | Creo Medical Limited |
| 2019226479 | Manufacturing Systems Limited | 2019235424 | BioNTech RNA Pharmaceuticals GmbH |
| 2019226572 | Life Technologies Corporation | 2019235522 | Janssen Sciences Ireland Unlimited Company |
| 2019226587 | Sigilon Therapeutics, Inc. | 2019235779 | Qualcomm Incorporated |
| 2019226709 | CMR Surgical Limited | 2019235870 | Pfizer Inc. |
| 2019226718 | University College Cardiff Consultants Limited | 2019236091 | Phanes Therapeutics, Inc. |
| 2019227093 | Crone Geophysics & Exploration Ltd. | 2019236171 | Evoqua Water Technologies LLC |
| 2019227186 | The Board of Trustees of the Leland Stanford Junior University | 2019236371 | Radiometer Medical APS |
| 2019227250 | Novartis AG | 2019236460 | Magic Leap, Inc. |
| 2019227317 | Ecolab USA Inc. | 2019237415 | Japan Cash Machine Co., Ltd. |
| 2019227433 | Intuit Inc. | 2019237517 | Talis Biomedical Corporation |
| 2019227615 | Zodiac Pool Systems LLC | 2019237880 | Tectraum, Inc. |
| 2019227861 | Expro North Sea Limited | 2019237992 | F. Hoffmann-La Roche AG |
| 2019227922 | Fresenius Medical Care Holdings, Inc. | 2019238179 | Becton Dickinson and Company Limited |
| 2019228125 | Nicoventures Trading Limited | 2019238274 | Qualcomm Incorporated |
| 2019228128 | CDR-Life AG | 2019238318 | Qualcomm Incorporated |
| 2019228202 | Mertik Maxitrol GmbH & Co. KG | 2019238900 | Bodo Richter |
| 2019228381 | Pfizer Inc. | 2019239356 | Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shirui Electronics Co. Ltd. |
| 2019228430 | Fixed Spray Systems, LLC | 2019239842 | Qualcomm Incorporated |
| 2019228454 | Northrop Grumman Systems Corporation | 2019239860 | Precision Planting LLC |
| 2019228512 | Cornell University; New York Genome Center; The Broad Institute, Inc. | 2019239971 | Regeneron Pharmaceuticals, Inc. |
| 2019228527 | Edwards Lifesciences Corporation | 2019240064 | MJNN LLC |
| 2019228530 | Neomed, Inc. | 2019240072 | ResFrac Corporation |
| 2019228531 | Loon LLC | 2019240073 | Genmab A/S |
| 2019228607 | Ionis Pharmaceuticals, Inc. | 2019240363 | Technion Research and Development Foundation Ltd. |
| 2019228625 | Epicypther, Inc. | 2019240484 | Electronic Caregiver, Inc. |
| 2019228645 | Volkman & Roszbach GmbH & Co. KG | 2019241625 | Eisai R&D Management Co., Ltd. |
| 2019228654 | F. Hoffmann-La Roche AG | 2019242213 | The Gillette Company LLC |
| 2019228729 | Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. | 2019242214 | The Gillette Company LLC |
| 2019228889 | Nippon Steel Corporation | 2019242215 | The Gillette Company LLC |
| 2019229174 | Butterfly Network, Inc. | 2019242554 | Zoetis Services LLC |
| 2019229250 | Evoqua Water Technologies LLC | 2019242568 | The Gillette Company LLC |
| 2019229316 | Bayer Aktiengesellschaft | 2019242569 | The Gillette Company LLC |
| 2019229521 | Bayer Aktiengesellschaft | 2019242570 | The Gillette Company LLC |
| 2019229536 | Sit S.P.A. | 2019242573 | The Gillette Company LLC |
| 2019229697 | Legrand France; Legrand SNC | 2019243157 | The Gillette Company LLC |
| 2019229838 | Societe des Produits Nestle S.A. | 2019243303 | Elixiron Immunotherapeutics (Hong Kong) Limited |
| 2019229849 | Alpha Tau Medical Ltd. | 2019244192 | Qualcomm Incorporated |
| 2019229892 | Victoria Link Ltd; University of Kansas | 2019245096 | Komatsu Ltd. |
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| 2019245435 | CommScope Technologies LLC |
| 2019245829 | Bayer Aktiengesellschaft |
| 2019248198 | Neurobiogen Co., Ltd. |
| 2019248307 | Tasly Pharmaceutical Group Co., Ltd. |
| 2019253232 | F. Hoffmann-La Roche AG |
| 2019254043 | Alcon Inc. |
| 2019257708 | Seattle Children's Hospital (DBA Seattle Children's Research Institute) |
| 2019259425 | Rheinmetall Waffe Munition GmbH |
| 2019259866 | Atlas Elektronik GmbH |
| 2019260687 | Seattle Children's Hospital (DBA Seattle Children's Research Institute) |
| 2019261937 | The Chemours Company FC, LLC |
| 2019264376 | Creo Medical Limited |
| 2019268654 | Yoshikawa Corporation |
| 2019272433 | Boston Scientific Scimed, Inc. |
| 2019275720 | Huawei Technologies Co., Ltd. |
| 2019286099 | Rheinmetall Waffe Munition GmbH |
| 2019291417 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. |
| 2019293287 | ASP Global Manufacturing GmbH |
| 2019296794 | CRRC Qiqihar Rolling Stock Co., Ltd. |
| 2019296795 | CRRC Qiqihar Rolling Stock Co., Ltd. |
| 2019317250 | REVA Medical, Inc. |
| 2019322953 | Qilu University of Technology |
| 2019323871 | Eiden Co., Ltd. |
| 2019331260 | Sekisui House, Ltd. |
| 2019362096 | Commonwealth Scientific and Industrial Research Organisation |
| 2019385153 | Digilog Technologies Pty Ltd |
| 2019399653 | Dalian University of Technology |
| 2019408740 | Pennakem Europa |
| 2019428450 | Laible, R. |
| 2020203262 | Everett, T. |
| 2020203570 | Samsung Electronics Co., Ltd. |
| 2020206129 | BLY IP Inc. |
| 2020207868 | Samsung Electronics Co., Ltd. |
| 2020212655 | RC Services Australia Pty Ltd |
| 2020216748 | Sekisui House, Ltd. |
| 2020217373 | Nantong University |

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| <u>A01G 25 /-</u> | <u>A01P 1 /-</u> | <u>A23L 33 /-</u> | <u>A47L 9 /-</u> | 2018409528 2019217590 | 2019208104 2019230666 |
| 2019228430 | 2019208460 | 2019208842 2019217118 2019220341 2019222350 2019248198 | 2019223037 2019226426 | <u>A61C 19 /-</u> | <u>A61K 31 /-</u> |
| <u>A01G 31 /-</u> | <u>A01P 13 /-</u> | | <u>A61B 1 /-</u> | 2019209538 | 2019206268 2019206685 2019207140 2019208785 2019208842 2019209290 2019209865 2019210414 2019211693 2019212118 2019213854 2019214082 2019214443 2019216877 2019217118 2019217388 2019218797 2019218893 2019220662 2019220739 2019220997 2019221672 2019222350 2019222508 2019222644 2019222709 2019223237 2019223882 2019224344 2019225729 2019226001 2019226587 2019226718 2019227250 2019228607 2019228654 2019229521 2019229892 2019232702 2019232768 2019234670 2019235424 2019235522 2019235870 2019237992 2019239971 2019241625 2019248198 2019248307 |
| 2019240064 | 2019229316 | | 2019210705 | <u>A61C 7 /-</u> | |
| <u>A01G 7 /-</u> | <u>A01P 3 /-</u> | <u>A24B 15 /-</u> | <u>A61B 17 /-</u> | 2019211338 | |
| 2018411891 | 2018411891 | 2019218399 2019228125 | 2019208033 2019218889 2019221763 2019223398 2019225649 2019225763 2019225764 2019230055 2019230446 2019231170 2019272433 | <u>A61C 8 /-</u> | |
| <u>A01K 11 /-</u> | <u>A01P 7 /-</u> | <u>A24D 3 /-</u> | | 2019217590 | |
| 2019228729 | 2018411891 | 2019228125 | | <u>A61F 13 /-</u> | |
| <u>A01K 29 /-</u> | <u>A23C 9 /-</u> | <u>A24F 47 /-</u> | | 2018406473 2019211943 | |
| 2019228729 | 2018411731 2019220341 | 2019218399 2019228125 | | <u>A61F 2 /-</u> | |
| <u>A01K 43 /-</u> | <u>A23D 7 /-</u> | <u>A41D 1 /-</u> | <u>A61B 18 /-</u> | 2019218889 2019228527 2019230446 2019254043 | |
| 2019242554 | 2019224015 | 2019221817 | 2019209306 2019218889 2019225649 2019226709 2019264376 | | |
| <u>A01K 63 /-</u> | <u>A23D 9 /-</u> | <u>A41D 19 /-</u> | | <u>A61F 5 /-</u> | |
| 2019211023 | 2019217905 2019408740 | 2019221817 | | 2019237880 | |
| <u>A01M 17 /-</u> | <u>A23J 1 /-</u> | <u>A42B 3 /-</u> | <u>A61B 34 /-</u> | <u>A61F 7 /-</u> | |
| 2018411891 | 2019220500 | 2019210328 2019215711 2019221817 | 2019207913 2019208033 2019209306 2019222578 2019226709 2019264376 | 2019213712 2019216342 2019237880 | |
| <u>A01M 21 /-</u> | <u>A23J 3 /-</u> | <u>A47D 13 /-</u> | | <u>A61F 9 /-</u> | |
| 2019245829 | 20192229838 | 2019224931 | | 2019254043 | |
| <u>A01N 25 /-</u> | <u>A23K 10 /-</u> | <u>A47F 1 /-</u> | <u>A61B 5 /-</u> | <u>A61G 5 /-</u> | |
| 2019229316 | 2019220500 2019229838 | 2019221494 | 2018410918 2019208033 2019209440 2019209538 2019216976 2019217369 2019220613 2019236371 2019240484 | 2020212655 | |
| <u>A01N 33 /-</u> | <u>A23K 20 /-</u> | <u>A47F 5 /-</u> | | <u>A61G 7 /-</u> | |
| 2019229316 | 2019222350 | 2019221494 | | 2020212655 | |
| <u>A01N 37 /-</u> | <u>A23K 50 /-</u> | <u>A47G 19 /-</u> | <u>A61B 7 /-</u> | <u>A61H 23 /-</u> | |
| 2019293287 | 20192229838 | 2019217661 | | 2020212655 | |
| <u>A01N 39 /-</u> | <u>A23L 13 /-</u> | <u>A47G 9 /-</u> | | <u>A61H 31 /-</u> | |
| 2019222709 | 2019229838 | 2019217659 | | 2019217570 2019217572 | |
| <u>A01N 43 /-</u> | | | | | |
| 2019220997 2019221603 | 2019229838 | | | | |

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|--|--|--|--|--|--------------------------|
| <u>A61K 33 /-</u> | 2019215063 2019216975 2019221324 2019225729 2019235424 2019260687 | <u>A61M 5 /-</u> | 2019223882 2019224344 2019226718 2019229892 | 2019253232 | <u>B01D 46 /-</u> |
| 2019217656 | | 2019209934 2019211466 2019222740 2019225813 | | <u>A61P 37 /-</u> | 2018405819 |
| <u>A61K 35 /-</u> | | <u>A61N 1 /-</u> | <u>A61P 27 /-</u> | 2019207140 2019210146 2019216086 2019218792 2019224344 | <u>B01D 61 /-</u> |
| 2019208460 2019209595 2019209770 2019218792 2019221324 2019232768 2019260687 | <u>A61K 6 /-</u> | 2018410918 2019209200 2019209306 2019217431 2019217570 2019217572 2019226587 | 2019216975 2019223237 2019224344 | | 2019229250 |
| <u>A61K 36 /-</u> | 2019217656 | <u>A61N 2 /-</u> | <u>A61P 29 /-</u> | <u>A61P 43 /-</u> | <u>B01J 19 /-</u> |
| 2019208842 2019210146 2019216877 | <u>A61K 8 /-</u> | 2019217570 2019217572 | 2019207140 2019216975 2019220662 2019223237 2019234213 2019234670 2019237992 | 2019208842 2019224344 2019241625 | 2019223302 |
| <u>A61K 38 /-</u> | 2019217656 | <u>A61N 5 /-</u> | <u>A61P 3 /-</u> | <u>A61P 7 /-</u> | <u>B01J 20 /-</u> |
| 2019214159 2019216086 2019216761 2019216975 2019228381 2019228607 2019231191 2019240073 2019243303 | <u>A61L 2 /-</u> | 2019220503 2019229849 | 2019214159 2019220662 | 2019212118 | 2018414126 2019218263 |
| | 2019208100 2019208460 2019235309 | <u>A61N 7 /-</u> | <u>A61P 31 /-</u> | <u>A61P 9 /-</u> | <u>B01J 39 /-</u> |
| | <u>A61L 24 /-</u> | 2019217572 | 2019208460 2019210414 2019211693 2019214082 2019216086 2019217656 2019218978 2019220662 2019222508 2019224344 2019227250 2019235870 2019243303 | 2019209002 2019209770 2019213854 2019220662 2019223882 2019234670 2019248198 2019248307 | 2019217488 |
| <u>A61K 39 /-</u> | 2019212513 | <u>A61P 1 /-</u> | <u>A61P 33 /-</u> | <u>A61Q 11 /-</u> | <u>B01J 41 /-</u> |
| 2018411586 2019207276 2019208025 2019208793 2019209770 2019210146 2019212674 2019213678 2019218400 2019218959 2019218978 2019221672 2019222666 2019225174 2019226009 2019231172 2019231696 2019233577 2019233581 2019234213 2019236091 2019243303 2019253232 | <u>A61L 27 /-</u> | 2019208842 2019216877 2019226083 2019241625 | 2019220997 | 2019217656 | <u>B01J 41 /-</u> |
| | 2019219236 2019229849 2019231232 | <u>A61N 11 /-</u> | <u>A61P 35 /-</u> | <u>A61Q 19 /-</u> | 2019217488 |
| | <u>A61L 31 /-</u> | 2019207140 2019220662 2019237992 | 2018403404 | 2019220685 | <u>B01L 3 /-</u> |
| | 2019317250 | <u>A61P 13 /-</u> | <u>A61P 15 /-</u> | <u>A63B 21 /-</u> | 2019223302 2019237517 |
| | <u>A61L 33 /-</u> | 2018403404 | 2019214082 | 2019214531 2019323871 | <u>B01L 7 /-</u> |
| | 2019232163 | <u>A61P 17 /-</u> | <u>A61P 17 /-</u> | <u>A63B 23 /-</u> | 2019223302 |
| | <u>A61L 9 /-</u> | 2018403404 | 2018403404 | 2019216976 | <u>B05B 12 /-</u> |
| | 2019221504 | <u>A61P 19 /-</u> | <u>A61P 19 /-</u> | <u>A63B 25 /-</u> | 2019228430 |
| | <u>A61M 16 /-</u> | 2019208785 2019216761 2019234213 | 2019214082 | 2019206685 | <u>B05B 17 /-</u> |
| | 2019217570 2019217572 | <u>A61P 21 /-</u> | <u>A61P 21 /-</u> | <u>A63B 55 /-</u> | 2019228430 |
| | <u>A61M 25 /-</u> | 2018403404 | 2018403404 2019208025 2019208793 2019209290 2019209293 2019209770 2019216086 2019217388 2019218433 2019218797 2019218959 2019220662 2019221672 2019222644 2019224344 2019226009 2019226011 2019228128 2019228654 2019231172 2019231696 2019231791 2019232768 2019240073 2019241625 | 2019214531 2019323871 | <u>B05B 7 /-</u> |
| | 2019211943 2019215010 2019215680 2019218889 2019264376 | <u>A61P 23 /-</u> | <u>A61P 25 /-</u> | <u>A63B 23 /-</u> | 2019228430 |
| | <u>A61M 31 /-</u> | 2019208785 2019216761 2019234213 | 2019217118 2019224344 | 2019216976 | <u>B05C 17 /-</u> |
| | 2019229849 | <u>A61P 27 /-</u> | <u>A61P 27 /-</u> | <u>A63B 55 /-</u> | 2019220347 |
| | <u>A61M 39 /-</u> | 2019217118 2019224344 | 2019217118 2019224344 | 2018401993 | <u>B05D 3 /-</u> |
| | 2019209934 2019215010 2019228530 | <u>A61P 29 /-</u> | <u>A61P 29 /-</u> | <u>A63F 13 /-</u> | 2018403505 2018403506 |
| <u>A61K 45 /-</u> | | 2019237992 | 2019237992 | 2019236460 | <u>B08B 1 /-</u> |
| 2019213678 2019223237 2019235522 | <u>A61M 31 /-</u> | <u>A61P 25 /-</u> | <u>A61P 25 /-</u> | <u>B01D 11 /-</u> | 2019211023 2019228530 |
| | 2019229849 | 2019208025 2019209770 | 2019208025 2019209770 | 2019408740 | <u>B21D 26 /-</u> |
| <u>A61K 47 /-</u> | | | | <u>B01D 27 /-</u> | <u>B21D 26 /-</u> |
| 2019212513 2019218959 2019222350 2019240073 | <u>A61M 39 /-</u> | | | 2019231879 | 2018441227 |
| | 2019209934 2019215010 2019228530 | | | <u>B01D 29 /-</u> | <u>B21D 53 /-</u> |
| <u>A61K 48 /-</u> | | | | 2019231879 | 2018441227 |
| 2019209002 | | | | <u>B01D 35 /-</u> | <u>B23B 41 /-</u> |
| | | | | 2019231879 | 2019222101 |
| | | | | <u>B01D 36 /-</u> | <u>B24B 7 /-</u> |
| | | | | 2019231879 | 2019206551 |

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|--|--------------------------|--------------------------|--------------------------|--|--|
| <u>B24D 13 /-</u> | <u>B29K 27 /-</u> | <u>B61D 15 /-</u> | <u>B65B 61 /-</u> | <u>B65H 31 /-</u> | <u>C03C 6 /-</u> |
| 2019206551 | 2019238900 | 2019207448 | 2018410224 | 2019237415 | 2019210383 |
| <u>B24D 7 /-</u> | <u>B29L 23 /-</u> | <u>B61D 3 /-</u> | <u>B65D 1 /-</u> | <u>B66C 1 /-</u> | <u>C04B 18 /-</u> |
| 2019206551 | 2019238900 | 2019207448 | 2018410224 2019219658 | 2019228531 | 2019210383 |
| <u>B25B 33 /-</u> | <u>B29L 31 /-</u> | <u>B61G 1 /-</u> | <u>B65D 25 /-</u> | <u>B66F 1 /-</u> | <u>C04B 20 /-</u> |
| 2018403226 | 2019221638 | 2019296795 | 2019428450 | 2019220347 | 2019221124 |
| <u>B25F 1 /-</u> | <u>B29L 9 /-</u> | <u>B61G 3 /-</u> | <u>B65D 35 /-</u> | <u>B66F 13 /-</u> | <u>C04B 26 /-</u> |
| 2019220347 | 2019238900 | 2019296794 | 2018410224 | 2019220347 | 2019221124 |
| <u>B26B 21 /-</u> | <u>B31D 3 /-</u> | <u>B61G 7 /-</u> | <u>B65D 43 /-</u> | <u>B67D 3 /-</u> | <u>C05C 3 /-</u> |
| 2019242213 2019242214 2019242215 2019242568 2019242569 2019242570 2019242573 2019243157 | 2019221638 | 2018439289 | 2019224662 | 2019428450 | 2019226359 |
| <u>B27K 3 /-</u> | <u>B32B 15 /-</u> | <u>B61G 9 /-</u> | <u>B65D 47 /-</u> | <u>B67D 7 /-</u> | <u>C05C 9 /-</u> |
| 2019206435 | 2018412561 | 2018439289 | 2019217661 2019428450 | 2019428450 | 2019224673 |
| <u>B27K 5 /-</u> | <u>B32B 27 /-</u> | <u>B62B 5 /-</u> | <u>B65D 51 /-</u> | <u>B82Y 15 /-</u> | <u>C05F 11 /-</u> |
| 2019206435 | 2018412561 2019224673 | 2018383691 | 2019224662 | 2019218263 | 2018408414 |
| <u>B28D 1 /-</u> | <u>B32B 7 /-</u> | <u>B62K 13 /-</u> | <u>B65D 77 /-</u> | <u>B82Y 5 /-</u> | <u>C05G 3 /-</u> |
| 2019222101 | 2018412561 | 2018401993 | 2018413295 | 2019214443 | 2019224673 2019226359 |
| <u>B29C 44 /-</u> | <u>B33Y 50 /-</u> | <u>B62K 15 /-</u> | <u>B65D 81 /-</u> | <u>C01B 11 /-</u> | <u>C07C 50 /-</u> |
| 2019219658 | 2019254043 | 2018401993 | 2018410224 2018413295 | 2019208100 | 2019218797 |
| <u>B29C 49 /-</u> | <u>B33Y 80 /-</u> | <u>B62K 3 /-</u> | <u>B65D 83 /-</u> | <u>C01B 21 /-</u> | <u>C07C 51 /-</u> |
| 2019219658 2019238900 | 2019254043 | 2018401993 | 2019219658 | 2019222583 | 2019220419 |
| <u>B29C 55 /-</u> | <u>B41F 15 /-</u> | <u>B63B 22 /-</u> | <u>B65D 88 /-</u> | <u>C01B 3 /-</u> | <u>C07D 205 /-</u> |
| 2019238900 | 2018403505 2018403506 | 2019212648 | 2019268654 | 2019221104 | 2019224344 |
| <u>B29C 64 /-</u> | <u>B41F 17 /-</u> | <u>B63B 3 /-</u> | <u>B65G 1 /-</u> | <u>C02F 1 /-</u> | <u>C07D 207 /-</u> |
| 2019254043 | 2019216765 | 2019209351 | 2019221849 | 2019217488 2019229250 2019236171 | 2019224344 |
| <u>B29C 69 /-</u> | <u>B41F 27 /-</u> | <u>B63B 35 /-</u> | <u>B65G 13 /-</u> | <u>C02F 11 /-</u> | <u>C07D 211 /-</u> |
| 2019238900 | 2018403505 2018403506 | 2019209351 | 2019220351 | 2019213010 | 2019220662 |
| <u>B29D 11 /-</u> | <u>B41M 3 /-</u> | <u>B63B 59 /-</u> | <u>B65G 27 /-</u> | <u>C02F 3 /-</u> | <u>C07D 213 /-</u> |
| 2019254043 | 2018403505 2018403506 | 2019211023 | 2019221849 | 2019213010 | 2019220997 |
| <u>B29D 24 /-</u> | <u>B42D 25 /-</u> | <u>B64C 39 /-</u> | <u>B65G 39 /-</u> | <u>C02F 5 /-</u> | <u>C07D 221 /-</u> |
| 2019221638 | 2018403505 2018403506 | 2019209760 | 2019220351 | 2019217488 | 2019221603 |
| <u>B29D 99 /-</u> | <u>B60B 33 /-</u> | <u>B65B 1 /-</u> | <u>B65G 47 /-</u> | <u>C03B 3 /-</u> | <u>C07D 231 /-</u> |
| 2019221638 | 2018383691 2019215617 | 2019230666 | 2019221849 | 2019211149 | 2019208785 2019220662 2019226359 |
| <u>B29K 23 /-</u> | <u>B60R 11 /-</u> | <u>B65B 23 /-</u> | <u>B65G 49 /-</u> | <u>C03B 40 /-</u> | <u>C07D 233 /-</u> |
| 2019221638 | 2019213020 | 2019221849 | 2019221849 | 2019221452 | 2019220662 |
| 2019238900 | | 2018410224 | <u>B65G 65 /-</u> | <u>C03C 17 /-</u> | <u>C07D 237 /-</u> |
| | | 2019221849 | 2019268654 | 2019215224 | 2019220662 |

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|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| <u>C07D 239 /-</u> | | <u>C07K 14 /-</u> | <u>C08L 75 /-</u> | <u>C12M 3 /-</u> | <u>C21C 5 /-</u> |
| 2018403404 | | 2019208460 | 2019206435 | 2019223302 | 2019221346 |
| 2019209293 | <u>C07D 471 /-</u> | 2019209770 | | | |
| 2019218893 | 2019210414 | 2019214159 | | | |
| 2019220662 | 2019211693 | 2019215063 | <u>C09C 1 /-</u> | <u>C12N 15 /-</u> | <u>C21C 7 /-</u> |
| | 2019217388 | 2019216086 | 2018408822 | 2019208460 | 2019221346 |
| <u>C07D 241 /-</u> | 2019226359 | 2019216761 | | 2019208793 | |
| | 2019234574 | 2019216975 | <u>C09D 1 /-</u> | 2019209002 | <u>C21D 6 /-</u> |
| 2019209292 | 2019234670 | 2019218785 | 2019224197 | 2019209290 | 2019228889 |
| 2019220662 | 2019237992 | 2019220452 | | 2019209292 | |
| 2019222644 | | 2019222462 | <u>C09D 11 /-</u> | 2019209595 | <u>C21D 8 /-</u> |
| 2019223882 | <u>C07D 473 /-</u> | 2019224051 | 2018403505 | 2019209770 | 2019228889 |
| | 2019208785 | 2019225174 | 2018403506 | 2019215063 | |
| <u>C07D 249 /-</u> | 2019237992 | 2019228381 | | 2019216086 | |
| | | 2019231191 | <u>C09D 133 /-</u> | 2019218433 | <u>C21D 9 /-</u> |
| 2019226587 | <u>C07D 487 /-</u> | 2019233577 | 2019224673 | 2019218785 | 2019228889 |
| 2019235870 | | 2019233581 | | 2019220739 | |
| | 2019211693 | 2019243303 | <u>C09D 5 /-</u> | 2019221324 | <u>C22C 38 /-</u> |
| <u>C07D 307 /-</u> | 2019222644 | 2019253232 | 2019224197 | 2019221798 | 2019228889 |
| | 2019226587 | 2019257708 | | 2019225174 | |
| 2019221837 | 2019227250 | | <u>C09D 7 /-</u> | 2019226001 | <u>C23C 4 /-</u> |
| <u>C07D 401 /-</u> | 2019237992 | <u>C07K 16 /-</u> | 2018409584 | 2019235424 | 2019228889 |
| | | 2019207276 | | 2019239971 | |
| 2018403404 | <u>C07D 491 /-</u> | 2019208025 | <u>C09D 5 /-</u> | | <u>C23C 4 /-</u> |
| 2019208515 | | 2019208793 | 2019224197 | <u>C12N 5 /-</u> | 2019220154 |
| 2019208785 | 2019208785 | 2019208793 | | 2019207276 | |
| 2019209293 | 2019209292 | 2019212674 | <u>C09K 3 /-</u> | 2019218792 | <u>C25B 1 /-</u> |
| 2019217388 | 2019209293 | 2019216761 | 2018409584 | 2019235424 | 2019226479 |
| 2019220662 | 2019221837 | 2019218384 | | 2019245243 | 2019240363 |
| 2019226359 | 2019222644 | 2019218400 | <u>C09K 5 /-</u> | 2019257708 | <u>C25B 11 /-</u> |
| 2019226718 | 2019226587 | 2019218433 | 2018409584 | 2019260687 | 2019226479 |
| 2019229521 | <u>C07D 498 /-</u> | 2019218959 | 2019222583 | | |
| | | 2019222666 | 2019261937 | <u>C12N 7 /-</u> | <u>C25B 15 /-</u> |
| <u>C07D 403 /-</u> | 2019209292 | 2019225174 | <u>C09K 8 /-</u> | 2018411586 | 2019240363 |
| | 2019210414 | 2019226009 | 2018427174 | 2019208460 | |
| 2018403404 | 2019221837 | 2019226011 | | 2019225729 | |
| 2019209290 | 2019227250 | 2019226083 | <u>C10M 171 /-</u> | | <u>D02G 3 /-</u> |
| 2019209292 | | 2019228128 | 2019261937 | <u>C12N 9 /-</u> | 2019221817 |
| 2019209293 | <u>C07D 519 /-</u> | 2019231172 | | 2019215050 | |
| 2019213854 | | 2019231696 | <u>C11B 1 /-</u> | 2019221798 | <u>D03D 1 /-</u> |
| 2019217388 | 2019222644 | 2019231791 | 2019408740 | 2019245243 | 2019221817 |
| 2019220662 | 2019234670 | 2019232523 | <u>C11B 3 /-</u> | 2019257708 | <u>D03D 15 /-</u> |
| 2019222644 | | 2019233577 | 2019217905 | | |
| 2019226359 | <u>C07F 5 /-</u> | 2019233581 | 2019408740 | <u>C12P 19 /-</u> | <u>D06F 33 /-</u> |
| 2019226718 | 2019235870 | 2019234213 | | 2019217292 | 2019205732 |
| 2019229521 | | 2019236091 | <u>C11B 1 /-</u> | 2019220419 | 2019224719 |
| | <u>C07F 9 /-</u> | 2019240073 | 2019217905 | | |
| <u>C07D 405 /-</u> | | 2019243303 | 2019408740 | <u>C12P 7 /-</u> | <u>D06F 37 /-</u> |
| | 2019235870 | 2019253232 | <u>C11B 3 /-</u> | 2019220419 | 2019207224 |
| 2018403404 | <u>C07H 1 /-</u> | <u>C08F 283 /-</u> | 2019217905 | | |
| 2019209292 | | 2019225884 | 2019408740 | <u>C12Q 1 /-</u> | <u>D06F 39 /-</u> |
| 2019218384 | 2019217136 | | | 2019208460 | 2019205732 |
| 2019222644 | | <u>C08G 18 /-</u> | <u>C11D 1 /-</u> | 2019209870 | 2019207218 |
| 2019226587 | <u>C07H 21 /-</u> | 2019225884 | 2019293287 | 2019210981 | 2019207224 |
| 2019229521 | | | | 2019212176 | |
| 2019235870 | 2019226001 | <u>C08G 63 /-</u> | <u>C11D 11 /-</u> | 2019216975 | <u>D06F 39 /-</u> |
| | 2019226572 | 2019317250 | 2019293287 | 2019218263 | 2019205732 |
| <u>C07D 409 /-</u> | 2019235424 | | | 2019220452 | 2019207224 |
| | | <u>C08J 9 /-</u> | <u>C11D 3 /-</u> | 2019222462 | 2019224719 |
| 2018403404 | <u>C07H 3 /-</u> | 2019225884 | 2019293287 | 2019226572 | |
| 2019207140 | 2019217136 | | | 2019227186 | <u>E01B 29 /-</u> |
| | | <u>C08K 5 /-</u> | <u>C12J 1 /-</u> | 2019228512 | |
| <u>C07D 413 /-</u> | <u>C07K 1 /-</u> | 2019225884 | 2019224015 | 2019228625 | |
| | 2019214159 | | <u>C12M 1 /-</u> | | 2019207448 |
| 2019209290 | 2019218959 | <u>C08L 69 /-</u> | 2019218263 | <u>C12R 1 /-</u> | |
| 2019221837 | | 2019317250 | | 2018408414 | |
| 2019226718 | | | | | |
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| 2019226587 | | | | | |

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| 2019221124 | 2020203262 | 2019209351 | 2019210699 | 2018413231 | 2019225801 |
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| <u>E02D 17 /-</u> | <u>E21B 17 /-</u> | 2019212648 | <u>F16L 37 /-</u> | <u>F25D 23 /-</u> | <u>G01G 13 /-</u> |
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| <u>E04B 2 /-</u> | <u>E21B 33 /-</u> | 2019216473 | 2019213020 | <u>F25J 1 /-</u> | <u>G01N 21 /-</u> |
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| <u>E04C 5 /-</u> | 2019227861 2019240072 | 2019222650 | 2019220614 | <u>F28D 1 /-</u> | <u>G01N 24 /-</u> |
| 2018403226 | <u>E21B 43 /-</u> | <u>F04C 15 /-</u> | <u>F23N 1 /-</u> | 2018402872 | 2019210174 |
| <u>E04F 13 /-</u> | 2018403187 | 2019222650 | 2019229536 | <u>F28D 20 /-</u> | <u>G01N 25 /-</u> |
| 2018427043 | 2019222650 2019240072 | <u>F04C 18 /-</u> | <u>F23N 5 /-</u> | 2018409584 | 2019218942 |
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| 2019224273 2019224274 | 2018403187 2019230099 | <u>F04C 2 /-</u> | <u>F24F 1 /-</u> | 2018402872 | 2019227317 |
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| <u>E04G 5 /-</u> | 2019207524 2019231511 | 2019222650 | 2018402616 2018405819 2019221504 | <u>F41C 23 /-</u> | 2019210174 2019362096 |
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| <u>G05D 1 /-</u> | <u>G06Q 50 /-</u> | 2019229849 | 2019227093 | 2018403734 | 2018402131 |
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| 2019322953 | <u>G06T 15 /-</u> | <u>H01H 13 /-</u> | <u>H02K 5 /-</u> | <u>H04M 1 /-</u> | 2019239842 |
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| 2019207593 | <u>G06T 17 /-</u> | <u>H01H 35 /-</u> | <u>H02S 10 /-</u> | 2019213020 | <u>H04W 74 /-</u> |
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C07D 207/12 (2006.01)
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| 2014329493 | Sequenom, Inc. | 2015370667 | Subsea 7 Limited |
| 2014360530 | Illumina, Inc. | 2015373430 | ECIL MET TEC LTDA. |
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| 2016306543 | Dufty, R.; Rix, D. | 2018208749 | Magenta Therapeutics, Inc. |
| 2016313851 | Mayborn (UK) Limited | 2018210334 | W. L. Gore & Associates, Inc. |
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| 2016320081 | Coloplast A/S | 2018211332 | Vermeer Manufacturing Company |
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| 2016306543 | 2015202262 | | | | 2016267526 |
| <u>A01G 31 /-</u> | <u>A41D 19 /-</u> | | <u>A61F 5 /-</u> | | <u>A61K 8 /-</u> |
| 2016231797 | 2016236018 | <u>A61B 18 /-</u> | 2015344936 2015366667 2016241595 2016320081 | 2015346598 2016225012 2018208749 2018226377 2018271341 2018301773 | 2015374227 2017362347 |
| <u>A01G 9 /-</u> | <u>A41F 9 /-</u> | 2015358385 2016219980 2016245001 2016330830 | | | <u>A61K 9 /-</u> |
| 2016231797 | 2020200110 | | <u>A61F 9 /-</u> | | 2014407509 2015228541 2015309175 2016235152 2017377062 2018220054 2019202510 |
| <u>A01H 5 /-</u> | <u>A43B 7 /-</u> | <u>A61B 34 /-</u> | 2016247369 | | <u>A61K 36 /-</u> |
| 2016303496 | 2015344936 | | | | 2015248506 2020201462 |
| <u>A01J 5 /-</u> | <u>A44C 17 /-</u> | 2015361139 2016235358 | <u>A61J 1 /-</u> | | <u>A61K 38 /-</u> |
| 2019271943 | 2019202281 | | 2018226377 2018301773 2019203408 | | 2015212554 2015335844 2016247499 2016295423 2018243550 2018271313 |
| <u>A01K 67 /-</u> | <u>A45C 11 /-</u> | 2016241595 2016260547 2016340159 2018295206 2019204520 2019216661 | <u>A61J 11 /-</u> | | <u>A61L 2 /-</u> |
| 2014318520 | 2019201960 | | 2016313851 | | 2016250989 |
| <u>A01M 1 /-</u> | <u>A45D 44 /-</u> | | <u>A61J 3 /-</u> | | <u>A61L 27 /-</u> |
| 2015238870 | 2018236734 | | 2016322413 | | 2016254147 2018405527 |
| <u>A01N 37 /-</u> | <u>A46B 9 /-</u> | <u>A61B 6 /-</u> | <u>A61K 103 /-</u> | | <u>A61L 29 /-</u> |
| 2018203399 | 2017404422 | 2019203998 | 2014409581 | 2015204674 2015209277 2015229448 2015292374 2015311931 2016225012 2017306069 2018206279 2018208749 2018226377 2018243550 2018250437 2018267595 2018271313 2019201035 | 2017280351 |
| <u>A01N 43 /-</u> | <u>A47B 5 /-</u> | <u>A61B 90 /-</u> | <u>A61K 31 /-</u> | | <u>A61L 31 /-</u> |
| 2016247023 | 2015258751 | 2016340159 | 2014381733 2014407509 2015226855 2015228541 2015248506 2015292519 2015301782 2015346598 2015370666 2016208200 2016209490 2016232270 2016232338 2016243939 2016247023 2016262315 2016329513 2017214589 2017219871 2017318601 2017338887 | | 2015289553 2018214069 2018271341 |
| <u>A01N 65 /-</u> | <u>A47B 51 /-</u> | <u>A61C 1 /-</u> | | | <u>A61L 9 /-</u> |
| 2016247023 | 2019275533 | 2015361139 2016330830 | | | 2016391336 |
| <u>A23C 3 /-</u> | <u>A47B 57 /-</u> | <u>A61C 13 /-</u> | | | <u>A61M 1 /-</u> |
| 2016250989 | 2015258751 | 2019261758 | | | 2015373537 2017413982 2019200791 2020204247 |
| <u>A23D 9 /-</u> | <u>A47J 31 /-</u> | <u>A61C 17 /-</u> | | | <u>A61M 11 /-</u> |
| 2018298281 | 2016238382 | 2016330830 | | | 2015228541 2015301782 2019203628 |
| <u>A23F 5 /-</u> | <u>A47L 5 /-</u> | <u>A61C 19 /-</u> | | | <u>A61M 15 /-</u> |
| 2018241144 | 2017352431 | 2016241595 2019208190 | | | |
| <u>A23L 2 /-</u> | <u>A47L 9 /-</u> | <u>A61C 5 /-</u> | | | |
| 2016250989 | 2017352431 | 2016267526 | | | |
| | <u>A61B 1 /-</u> | | | | |

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|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| 2015228541 | 2019202510 | 2018271741 | <u>B05B 11 /-</u> | 2015289553 | <u>B61H 7 /-</u> |
| 2015348301 | <u>A61P 29 /-</u> | <u>A63B 71 /-</u> | 2019203628 | <u>B29C 39 /-</u> | 2015264812 |
| 2019203628 | | | | | |
| <u>A61M 16 /-</u> | 2015309175 | 2018271741 | <u>B05B 12 /-</u> | 2015289553 | <u>B62B 3 /-</u> |
| | 2016232338 | | 2016204150 | <u>B29C 64 /-</u> | 2016222901 |
| 2015374369 | 2017214589 | <u>B01D 3 /-</u> | | 2019206102 | <u>B63B 27 /-</u> |
| 2018366291 | | 2016292774 | <u>B05C 17 /-</u> | <u>B29C 67 /-</u> | 2016259542 |
| <u>A61M 25 /-</u> | <u>A61P 3 /-</u> | <u>B01D 46 /-</u> | 2015339379 | 2018250352 | <u>B63B 35 /-</u> |
| | 2014381733 | 2015355309 | <u>B08B 1 /-</u> | <u>B29C 69 /-</u> | 2016259542 |
| 2015358385 | 2015248506 | | 2018204847 | 2015289553 | <u>B63G 7 /-</u> |
| 2016346884 | | <u>B01D 53 /-</u> | <u>B22F 5 /-</u> | <u>B32B 27 /-</u> | 2016210860 |
| 2019202994 | <u>A61P 31 /-</u> | 2018271225 | 2016236146 | 2016236018 | <u>B64D 1 /-</u> |
| 2019203408 | 2015212554 | <u>B01F 5 /-</u> | <u>B22F 9 /-</u> | 2016370759 | |
| 2019216675 | 2016208200 | 2015374369 | 2018392525 | <u>B32B 3 /-</u> | 2019204254 |
| <u>A61M 31 /-</u> | 2017318601 | <u>B01F 7 /-</u> | <u>B23K 101 /-</u> | 2018214069 | <u>B65D 35 /-</u> |
| 2016205037 | 2018215687 | 2017360999 | 2016280252 | <u>B32B 7 /-</u> | 2017360999 |
| <u>A61M 37 /-</u> | 2018267595 | <u>B01J 20 /-</u> | <u>B23K 26 /-</u> | 2016328952 | <u>B65D 41 /-</u> |
| | 2018271313 | 2018271225 | 2016280252 | <u>B32B 9 /-</u> | 2018311200 |
| 2015339379 | 2019202510 | <u>B01L 3 /-</u> | 2016254340 | 2016328952 | <u>B65D 49 /-</u> |
| | <u>A61P 35 /-</u> | 2017377186 | <u>B23P 6 /-</u> | <u>B33Y 70 /-</u> | 2018311200 |
| <u>A61M 39 /-</u> | 2014409581 | 2018301773 | 2016254340 | 2018250352 | 2018390303 |
| | 2015292374 | 2018323449 | <u>B23Q 1 /-</u> | 2019206102 | <u>B65D 51 /-</u> |
| 2016346884 | 2015311931 | | 2015258751 | <u>B41J 2 /-</u> | 2018311200 |
| 2019203408 | 2015370666 | <u>B02C 17 /-</u> | <u>B23Q 3 /-</u> | 2015335904 | <u>B65D 83 /-</u> |
| <u>A61M 5 /-</u> | 2016225012 | 2018330240 | 2019202281 | 2016268511 | 2018390303 |
| | 2016243939 | <u>B02C 19 /-</u> | <u>B24B 23 /-</u> | 2016268832 | |
| 2015339379 | 2016329513 | 2015384093 | 2016254340 | <u>B41J 3 /-</u> | <u>B65G 1 /-</u> |
| 2015402759 | 2017378060 | <u>B02C 25 /-</u> | 2016254340 | 2015335904 | 2016222767 |
| 2016340159 | 2019203745 | 2018330240 | <u>B24B 5 /-</u> | <u>B42D 25 /-</u> | <u>B65G 45 /-</u> |
| 2016346884 | <u>A61P 37 /-</u> | <u>B03D 1 /-</u> | 2016254340 | 2015258767 | 2015204403 |
| 2018226377 | 2018208749 | 2016231908 | <u>B42F 13 /-</u> | 2015347859 | 2015271944 |
| 2018271229 | | 2016382447 | 2019202281 | <u>B60B 7 /-</u> | <u>B65G 69 /-</u> |
| 2019202994 | <u>A61P 43 /-</u> | <u>B04B 11 /-</u> | <u>B25B 1 /-</u> | 2018211034 | 2015271944 |
| 2019203408 | 2016209490 | 2015376855 | 2019202281 | <u>B60N 2 /-</u> | <u>B66B 9 /-</u> |
| 2020203914 | 2017214589 | <u>B04B 15 /-</u> | 2016222767 | 2018412624 | 2016202963 |
| 2020203918 | <u>A61P 5 /-</u> | 2015376855 | <u>B26B 21 /-</u> | <u>B60P 1 /-</u> | <u>B66C 1 /-</u> |
| <u>A61N 1 /-</u> | <u>A61P 9 /-</u> | 2016231908 | 2017310403 | 2015271944 | 2016206772 |
| | 2018251951 | 2016382447 | 2017362347 | 2017272612 | <u>B66F 3 /-</u> |
| 2015335776 | | <u>B04B 3 /-</u> | <u>B28B 11 /-</u> | <u>B60P 3 /-</u> | 2019200455 |
| 2016247369 | <u>A61P 17 /-</u> | 2015376855 | 2016285962 | 2015271944 | <u>B67D 1 /-</u> |
| 2016340159 | 2014381733 | <u>B04B 7 /-</u> | <u>B29C 33 /-</u> | 2017272612 | |
| <u>A61N 5 /-</u> | 2016232270 | 2015376855 | | 2019205986 | |
| | | <u>B04B 9 /-</u> | | | |
| 2016245001 | <u>A61Q 19 /-</u> | 2015376855 | | | |
| <u>A61P 11 /-</u> | 2015374227 | <u>B04B 3 /-</u> | | | |
| | | 2015376855 | | | |
| 2015212554 | <u>A61Q 9 /-</u> | <u>B04B 7 /-</u> | | | |
| 2016232270 | 2017362347 | <u>B04B 9 /-</u> | | | |
| <u>A61P 17 /-</u> | | <u>B05B 1 /-</u> | | | |
| 2016232270 | <u>A62B 23 /-</u> | | | | |
| <u>A61P 19 /-</u> | 2018298509 | | | | |
| | | | | | |
| 2015292519 | <u>A62C 2 /-</u> | | | | |
| <u>A61P 25 /-</u> | 2016200823 | | | | |
| | | | | | |
| 2016232338 | <u>A63B 21 /-</u> | | | | |
| 2016295423 | 2018271741 | | | | |
| 2016329513 | | | | | |
| 2019201560 | <u>A63B 24 /-</u> | | | | |
| <u>A61P 27 /-</u> | | | | | |
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|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| 2016210828 | <u>C06B 31 /-</u> | 2020201792 | 2015298571 | 2019261758 | <u>C12N 5 /-</u> |
| 2016234285 | | | 2015335844 | | |
| <u>B81B 3 /-</u> | 2019232800 | <u>C07D 403 /-</u> | 2015353573 | <u>C08L 97 /-</u> | 2015209277 |
| | <u>C07C 29 /-</u> | 2016329513 | 2016225012 | 2019203797 | 2015336079 |
| 2015365374 | 2016292774 | <u>C07D 405 /-</u> | 2016247499 | | 2016303496 |
| <u>B82B 1 /-</u> | | | 2016295423 | <u>C09D 1 /-</u> | <u>C12N 9 /-</u> |
| | <u>C07C 317 /-</u> | 2016209680 | 2018243550 | | |
| 2018220054 | | 2017214589 | <u>C07K 16 /-</u> | 2019240722 | 2015298571 |
| | 2016232270 | | | <u>C09D 107 /-</u> | 2016303496 |
| <u>B82B 3 /-</u> | <u>C07C 49 /-</u> | <u>C07D 409 /-</u> | 2015204674 | | 2019201344 |
| | | | 2015213593 | 2019240722 | <u>C12P 21 /-</u> |
| 2018220054 | 2017219871 | 2017214589 | 2015229448 | <u>C09D 133 /-</u> | |
| <u>B82Y 40 /-</u> | <u>C07C 51 /-</u> | <u>C07D 457 /-</u> | 2015238264 | | 2018250437 |
| | | | 2015253422 | 2015417100 | <u>C12Q 1 /-</u> |
| 2016235152 | 2016292774 | 2016209490 | 2015270912 | <u>C09D 175 /-</u> | |
| <u>B82Y 5 /-</u> | 2018260972 | <u>C07D 471 /-</u> | 2015292374 | | 2014227883 |
| | | | 2015311931 | 2018250352 | 2014329493 |
| 2018226377 | <u>C07C 59 /-</u> | 2017214589 | 2015321546 | <u>C09D 4 /-</u> | 2014360530 |
| | | 2017318601 | 2016325482 | | 2015336079 |
| <u>C01B 25 /-</u> | 2018260972 | 2019201560 | 2017268198 | 2016328952 | 2016270823 |
| | | 2020201792 | 2017306069 | <u>C09J 1 /-</u> | 2016433121 |
| 2014409581 | <u>C07D 207 /-</u> | <u>C07D 477 /-</u> | 2018208749 | | 2017218149 |
| | | | 2018243550 | 2016370759 | 2018202110 |
| <u>C01D 1 /-</u> | 2018271225 | 2018215687 | 2018250437 | <u>C09J 109 /-</u> | 2018217243 |
| | <u>C07D 211 /-</u> | | 2018260845 | | 2018301773 |
| 2018285391 | | <u>C07D 487 /-</u> | <u>C08B 30 /-</u> | <u>C09J 197 /-</u> | <u>C21B 5 /-</u> |
| <u>C01D 15 /-</u> | 2018271225 | | 2018279047 | | 2019203801 |
| | <u>C07D 215 /-</u> | 2016243939 | <u>C08F 210 /-</u> | 2016370759 | |
| 2018285391 | | 2017214589 | | <u>C09J 197 /-</u> | <u>C21C 5 /-</u> |
| <u>C01D 3 /-</u> | 2019203745 | 2017318601 | 2018282375 | | 2015373430 |
| | <u>C07D 231 /-</u> | <u>C07D 491 /-</u> | <u>C08F 265 /-</u> | 2019203797 | <u>C21D 1 /-</u> |
| 2018285391 | | | | <u>C10M 159 /-</u> | <u>C21D 11 /-</u> |
| <u>C01F 5 /-</u> | 2015226855 | 2017214589 | 2015417818 | | 2018280322 |
| | <u>C07D 233 /-</u> | 2020201792 | <u>C08F 4 /-</u> | 2016228615 | |
| 2016379447 | | <u>C07D 493 /-</u> | | <u>C10M 163 /-</u> | <u>C21D 11 /-</u> |
| <u>C02F 3 /-</u> | 2020201792 | 2016232338 | 2018282375 | | 2019204691 |
| | <u>C07D 239 /-</u> | <u>C07D 495 /-</u> | <u>C08G 18 /-</u> | 2016228615 | <u>C21D 6 /-</u> |
| 2015318161 | | | | <u>C10M 169 /-</u> | <u>C21D 6 /-</u> |
| <u>C03C 12 /-</u> | 2016232270 | 2016232338 | 2018250352 | | 2018318501 |
| | 2017214589 | 2017318601 | <u>C08J 5 /-</u> | 2016228615 | |
| 2014409581 | 2017318601 | <u>C07D 498 /-</u> | | 2019200236 | <u>C21D 8 /-</u> |
| | 2018251951 | | 2016236018 | <u>C11B 3 /-</u> | 2017418679 |
| <u>C03C 3 /-</u> | <u>C07D 257 /-</u> | 2016232338 | 2018282375 | | |
| | | 2017378060 | 2019261758 | 2016262315 | <u>C21D 9 /-</u> |
| 2014409581 | 2016368545 | 2019201560 | <u>C08K 3 /-</u> | 2018298281 | |
| <u>C04B 24 /-</u> | <u>C07D 261 /-</u> | <u>C07D 519 /-</u> | | <u>C11C 1 /-</u> | 2018280322 |
| | | | 2015417100 | | 2019204691 |
| 2018279047 | 2018252880 | 2016243939 | 2016236018 | 2016262315 | <u>C22B 23 /-</u> |
| <u>C04B 28 /-</u> | <u>C07D 295 /-</u> | 2019201560 | 2018250352 | <u>C11D 3 /-</u> | |
| | | | 2019206102 | | 2018392525 |
| 2018279047 | 2018271225 | <u>C07H 1 /-</u> | <u>C08L 23 /-</u> | 2018299877 | <u>C22B 3 /-</u> |
| | | | | <u>C12M 1 /-</u> | |
| <u>C04B 35 /-</u> | <u>C07D 303 /-</u> | 2019200096 | 2017362347 | | 2016382447 |
| | | <u>C07H 19 /-</u> | <u>C08L 29 /-</u> | 2018301773 | 2018392525 |
| 2016285962 | 2015346598 | | | <u>C12N 15 /-</u> | <u>C22C 29 /-</u> |
| <u>C04B 7 /-</u> | <u>C07D 307 /-</u> | 2019200096 | 2016236018 | | |
| | | <u>C07H 21 /-</u> | <u>C08L 67 /-</u> | 2016295423 | 2016236146 |
| 2018285391 | 2016368620 | | | 2016303496 | |
| <u>C06B 29 /-</u> | <u>C07D 401 /-</u> | 2016209680 | 2019206102 | 2018202110 | <u>C22C 38 /-</u> |
| | | <u>C07K 14 /-</u> | <u>C08L 91 /-</u> | 2019201344 | |
| 2019232800 | 2014381733 | | | | 2017418679 |
| | 2017214589 | | | | 2018318501 |

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|--|--------------------------|--------------------------|--------------------------|--|--|
| C23C 16 /- | E04G 11 /- | E21B 47 /- | 2015336012 | F24C 7 /- | 2018323449 |
| 2016328952 | 2018255491 2018299855 | 2018227622 2019213402 | F16B 21 /- | 2015366605 | G01N 35 /- |
| C23C 22 /- | E04G 17 /- | E21B 49 /- | 2015388710 | F25D 11 /- | 2017377186 |
| 2019203414 | 2018255491 2018299855 | 2018227622 2019213402 | F16B 35 /- | 2019204582 | G01S 13 /- |
| C30B 29 /- | E04G 21 /- | E21C 35 /- | 2016202126 | F25D 17 /- | 2019229382 |
| 2019226188 | 2017415961 2018299855 | 2015389133 | 2016202126 | 2019204582 | G01V 1 /- |
| C40B 40 /- | E04G 25 /- | E21D 20 /- | F16H 21 /- | 2015303843 | G01V 9 /- |
| 2017377186 | 2018299855 | 2015388710 | 2018256587 | F25D 25 /- | 2019213402 |
| D03D 27 /- | E04G 9 /- | E21D 23 /- | F16L 15 /- | 2015303843 | G02B 21 /- |
| 2016370759 | 2018255491 | 2015389133 | 2017395102 | G01B 11 /- | 2019202778 |
| D21H 21 /- | E04H 12 /- | E21F 5 /- | F16L 5 /- | 2019246913 | G02B 27 /- |
| 2016240330 | 2018213970 | 2015389133 | 2016200823 2017248150 | G01B 5 /- | 2016314630 |
| D21H 27 /- | E04H 3 /- | E21F 9 /- | F16L 59 /- | 2019246913 | G02B 6 /- |
| 2016240330 | 2017295681 | 2015389133 | 2015370667 | G01B 7 /- | 2015382275 2018208689 |
| E01B 11 /- | E05B 1 /- | F01L 1 /- | F16M 11 /- | 2019246913 | G03B 19 /- |
| 2019204691 | 2015366605 | 2018256587 | 2015258751 | G01F 1 /- | 2019213341 |
| E01B 27 /- | E05B 27 /- | F02B 75 /- | F17C 1 /- | 2016238965 | G03G 15 /- |
| 2016227985 | 2015246075 | 2018256587 | 2020200292 | G01H 9 /- | 2016268511 |
| E01F 15 /- | E05B 63 /- | F02C 3 /- | F21S 2 /- | 2019200861 | G05D 1 /- |
| 2018301904 | 2015246075 | 2018245199 | 2015337605 2017396686 | G01N 1 /- | 2018335390 |
| E02F 3 /- | E05B 65 /- | F02C 7 /- | F21V 29 /- | 2015373430 2019202778 | G05D 9 /- |
| 2016259542 2016306543 2018211332 | 2015246075 | 2018245199 | 2015337605 2017396686 | G01N 21 /- | 2016204150 |
| E02F 9 /- | E05B 73 /- | F02C 9 /- | F21V 7 /- | 2017342829 | G06F 1 /- |
| 2018211332 | 2019202068 | 2018245199 | F21V 3 /- | G01N 27 /- | 2014395149 2015340172 2015374531 2017348453 |
| E04B 1 /- | E05B 9 /- | F02D 31 /- | 2017396686 | 2015365374 2017403783 2018295206 | G06F 16 /- |
| 2016200823 2018236782 2018279039 | 2015246075 | 2018248345 | F21V 5 /- | G01N 30 /- | 2018228540 |
| E04B 2 /- | E05F 7 /- | 2018248345 | 2017396686 | 2018323449 | G06F 17 /- |
| 2017415961 2018236782 2018279039 | 2015258751 | F02F 7 /- | F21V 7 /- | G01N 33 /- | 2015315203 |
| E04B 5 /- | E21B 10 /- | 2018256587 | 2015337605 2017396686 | 2014224727 2015335844 2015336079 2015353573 2015373430 2016241595 2016270823 2017268198 2017342829 2018202110 2018206279 2018227622 2018250437 2018301773 | G06F 21 /- |
| 2018255491 | 2016236146 | F03B 11 /- | F21W 111 /- | 2019219786 | G06F 3 /- |
| E04C 2 /- | E21B 17 /- | 2016219073 | 2017396686 | 2018316712 2019213341 2020204503 | G06K 19 /- |
| 2018236782 | 2015388710 2017395102 | F03B 17 /- | F21Y 115 /- | G06K 19 /- | 2019222785 |
| E04F 21 /- | E21B 19 /- | 2016219073 | 2015337605 2017396686 | | |
| 2016282275 | 2019202776 | F16B 12 /- | F24C 15 /- | | |
| | 2017268491 | 2016327703 | 2015366605 | | |
| | | F16B 2 /- | | | |

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| <u>G06K 9 /-</u> | 2019201701 | 2017326021 | <u>H04N 9 /-</u> | <u>H04W 88 /-</u> |
| 2015314684 | <u>G21F 7 /-</u> | 2017355038 | 2016264606 | 2017328130 |
| 2018346351 | 2019201117 | <u>H03M 7 /-</u> | <u>H04Q 1 /-</u> | <u>H05H 13 /-</u> |
| 2019202778 | <u>H01L 21 /-</u> | 2019275583 | 2015382275 | 2019201117 |
| 2019203998 | 2018317964 | <u>H04B 10 /-</u> | <u>H04Q 9 /-</u> | <u>H05H 7 /-</u> |
| <u>G06M 1 /-</u> | <u>H01L 23 /-</u> | 2019204760 | 2017295681 | 2019201117 |
| 2019203628 | 2018317964 | <u>H04B 7 /-</u> | <u>H04R 1 /-</u> | <u>H05K 1 /-</u> |
| <u>G06N 99 /-</u> | 2018317964 | 2017328130 | 2015330954 | 2016423191 |
| 2016423191 | <u>H01L 31 /-</u> | 2017336775 | <u>H04R 3 /-</u> | <u>H05K 3 /-</u> |
| <u>G06Q 20 /-</u> | 2019200576 | <u>H04J 14 /-</u> | 2019202161 | 2019200576 |
| 2018347186 | 2019203293 | 2019204760 | <u>H04R 5 /-</u> | <u>H05K 7 /-</u> |
| 2018347187 | <u>H01L 33 /-</u> | <u>H04J 3 /-</u> | 2015330954 | 2015382275 |
| 2019203267 | 2016245001 | 2016368546 | 2019202161 | 2017348453 |
| <u>G06Q 30 /-</u> | <u>H01L 39 /-</u> | <u>H04L 1 /-</u> | <u>H04S 5 /-</u> | |
| 2019203267 | 2018317964 | 2016388333 | 2015330954 | |
| <u>G06Q 50 /-</u> | <u>H01M 2 /-</u> | 2017355038 | <u>H04W 12 /-</u> | |
| 2017295681 | 2019204314 | <u>H04L 12 /-</u> | 2016377407 | |
| 2019200054 | <u>H01R 43 /-</u> | 2016377407 | 2019222785 | |
| <u>G06T 19 /-</u> | 2016254340 | 2017392542 | <u>H04W 36 /-</u> | |
| 2015222821 | <u>H02G 3 /-</u> | 2018240583 | 2018298508 | |
| <u>G06T 5 /-</u> | 2017248150 | <u>H04L 29 /-</u> | <u>H04W 4 /-</u> | |
| 2016285256 | <u>H02J 3 /-</u> | 2016233354 | 2017328130 | |
| <u>G06T 7 /-</u> | 2018323422 | 2016297559 | 2018297233 | |
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| 2019200861 | 2016254340 | <u>H04M 1 /-</u> | <u>H04W 56 /-</u> | |
| 2019203998 | <u>H02K 7 /-</u> | 2015374531 | 2016388333 | |
| <u>G08B 21 /-</u> | 2016219073 | 2017328130 | <u>H04W 56 /-</u> | |
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| <u>G08G 5 /-</u> | 2020213418 | 2017339463 | 2016290377 | |
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) ATP Institute Pty Ltd
 (11) AU-B-2019101234
 (21) 2019101234 (22) 09.10.2019
 (54) Formulation and method of use
 (51) Int. Cl.
 A61K 31/401 (2006.01)
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 (45) 03.09.2020
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 (21) 2020101007 (22) 15.06.2020
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 B66C 13/06 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick

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 (21) 2020101146 (22) 25.06.2020
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 (51) Int. Cl.
 A63B 21/002 (2006.01)
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 (45) 03.09.2020
 (72) MAYNARD, Alan William
 (74) Alan William MAYNARD

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 (21) 2019101652 (22) 19.12.2019

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G01R 11 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2015306075 **Electronic Pain Assessment Technologies (epat) Pty Ltd** (Mann, A.)
- 2016269555 **The NOCO Company** (Brown & Watson International Pty Ltd)
- 2017204231 **Bayer Intellectual Property GmbH** (Dow AgroSciences LLC)

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| 2014298371 | 2014308794 | 2014326975 | 2014327258 |
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| 2020101524 | 2020101525 | 2020101527 | 2020101528 |
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| 2020101536 | 2020101537 | 2020101538 | 2020101539 |
| 2020101540 | 2020101542 | 2020101543 | 2020101544 |
| 2020101545 | 2020101546 | 2020101548 | 2020101549 |
| 2020101550 | 2020101551 | 2020101552 | 2020101554 |
| 2020101555 | 2020101556 | 2020101557 | 2020101558 |
| 2020101560 | 2020101562 | | |

Assignments Registered

2001024307 **Authenticate, Inc.** The patent has been assigned to **PAYFONE, INC.**

2001026570 **Orora Packaging Australia Pty Ltd** The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2001040468 **Kuhs GmbH** The patent has been assigned to **LG Household & Health Care Ltd.**

Assignments Registered

2001260212 GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Limited The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2001278202 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2002213464 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2002215315 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

2002254119 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2002317525 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2003200681 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2003231813 Authentify, Inc. The patent has been assigned to **PAYFONE, INC.**

2003241598 Board of Regents, The University of Texas System The patent has been assigned to **NanoTx Corp.**

2004200559 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2004205437 Qiagen Canada Inc. The patent has been assigned to **Molecular Dimensions, Inc.**

2004296895 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2004304835 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

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2005279716 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2005299245 Soothjet Pty Ltd; Sanleo Holdings Pty Ltd The patent has been assigned to **Mintech Pty Ltd**

2005306372 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

2006202846 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2006235890 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2006240230 Skyword Inc. The patent has been assigned to **Rakuten, Inc.**

2006257782 Skyword Inc. The patent has been assigned to **Rakuten, Inc.**

2006261899 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

2006276709 Swimways Corporation The patent has been assigned to **Spin Master, Inc.**

2007205756 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

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2007234864 GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No. 2) The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2007237277 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2008306317 Kuhs GmbH The patent has been assigned to **LG Household & Health Care Ltd.**

2009212924 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2009240659 Moore, David The patent has been assigned to **Moore, David; Lowe, Iain**

2009316789 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

2010200995 Skyword Inc. The patent has been assigned to **Rakuten, Inc.**

2010201598 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2010202155 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2010257217 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2010276511 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

2011201034 Swimways Corporation The patent has been assigned to **Spin Master, Inc.**

2011202582 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**

2011209699 Early Warning Services, LLC The patent has been assigned to **PAYFONE, INC.**

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2011324011 Early Warning Services, LLC The patent has been assigned to **PAYFONE, INC.**

2011328344 INEOS BIO SA The patent has been assigned to **Jupeng Bio (HK) Limited**

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2012200001 Swimways Corporation The patent has been assigned to **Spin Master, Inc.**

2012201957 Orora Packaging Australia Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**

2012225608 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

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2012240219 Ineos Bio SA The patent has been assigned to **Jupeng Bio (HK) Limited**

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2013278037 Swimways Corporation The patent has been assigned to **Spin Master, Inc.**

2013356991 Sea Delight Europe, SL The patent has been assigned to **Sea Delight International, LLC.**

2013365730 Barmes, Paul Anthony The patent has been assigned to **BARMES DESIGN LIMITED**

2014218110 Laboratorios Menarini SA The patent has been assigned to **MENARINI ASIA-PACIFIC HOLDINGS PTE LTD**

2014225889 Allosteros Therapeutics, Inc. The patent has been assigned to **The Johns Hopkins University**

2014229506 Bergen Teknologioverforing AS The patent has been assigned to **Nobesita AS**

2014248742 AbbVie Inc. The patent has been assigned to **AbbVie Ireland Unlimited Company**

2014278580 Ineos Bio SA The patent has been assigned to **Jupeng Bio (HK) Limited**

2014281679 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

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2014321482 Ineos Bio SA The patent has been assigned to **Jupeng Bio (HK) Limited**

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- 2015200337 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015203024 InterDigital CE Patent Holdings The patent has been assigned to **InterDigital Madison Patent Holdings, SAS**
- 2015203143 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**
- 2015227515 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015227524 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015302221 Ineos Bio SA The patent has been assigned to **Jupeng Bio (HK) Limited**
- 2015374319 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015374322 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015374411 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2015399821 BAE Systems PLC The patent has been assigned to **Helios Global Technologies Limited**
- 2016209496 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2016238861 Orora Packaging (Australia) Pty Ltd The patent has been assigned to **Opal Packaging Australia Pty Ltd**
- 2016294431 Qalo LLC The patent has been assigned to **Qalo Holdings, LLC**
- 2016309833 Shanghai Haihe Pharmaceutical Co., Ltd The patent has been assigned to **Shanghai Haihe Pharmaceutical Co., Ltd; Jinan University; Shanghai Institute of Materia Medica, Chinese Academy of Sciences**
- 2016357277 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
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- 2017203437 Swimways Corp. The patent has been assigned to **Spin Master, Inc.**
- 2017203489 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2017324259 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**
- 2018101884 CREATIVE IMPACT INC. The patent has been assigned to **ZURU (SINGAPORE) PTE. LTD.**
- 2018201530 3M Innovative Properties Company The patent has been assigned to **Kindeva Drug Delivery L.P.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

- 2018201663 **AbbVie Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 17 Jan 2020

For the goods RINVOQ upadacitinib

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.

- 2018201663 **AbbVie Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jan 2020

For the goods RINVOQ upadacitinib

Address for service : Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

Extensions granted

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

- 2009290904 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 20 Mar 2020

For the goods PIQRAY alpelisib

Extension of Term of patent pursuant to Section 77 expires on 08 Sep 2034

- 2011307087 **Shionogi & Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 21 Feb 2020

For the goods XOFLUZA Baloxavir marboxil

Extension of Term of patent pursuant to Section 77 expires on 21 Feb 2035

- 2013204817 **Gilead Sciences, Inc.**

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

For the goods SYMTUZA darunavir/cobicistat/emtricitabine/tenofovir alafenamide

Extension of Term of patent pursuant to Section 77 expires on 22 Feb 2033

Corrigenda

In Vol 34 , No 11 , Page(s) 1648 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Circular Resources (Ip) Pte Limited, Application No. 2018323051, under INID (71) correct the applicant name to Circular Resources (IP) Pte Limited.

In Vol 34 , No 28 , Page(s) 3920 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015263851.

In Vol 34 , No 30 , Page(s) 4253 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Arista Cereal Technologies Pty Ltd, Application No. 2019207521, under INID (54) correct the title to read High amylose wheat - IV

Corrigenda

In Vol 34 , No 30 , Page(s) 4268 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Impel NeuroPharma, Inc., Application No. 2019205327, under INID (54) correct the title to read Intranasal delivery of levodopa powder by precision olfactory device

In Vol 34 , No 31 , Page(s) 4410 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Pharnext, Application No. 2019211135, under INID (54) correct the title to read Baclofen and Acamprosate based therapy of Alzheimer's disease in patients having lost responsiveness to acetylcholinesterase inhibitor therapy

In Vol 34 , No 33 , Page(s) 4588 under the heading **Complete Applications Filed - Name Index** Under the name Mashiachimmanu-al Mikhael Eretzyisraeldovid, Application No. 2020213281, under INID (54) correct the title to read SARS-CoV-2COVID-19IMMUNE266620 VACCINE

In Vol 34 , No 34 , Page(s) 4736 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019201064.

In Vol 34 , No 34 , Page(s) 4811 under the heading **Applications Accepted - Name Index** Under the name Circular Resources (Ip) Pte Limited, Application No. 2018323051, under INID (71) correct the applicant name to Circular Resources (IP) Pte Limited.

Specifications Republished

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

2015385869 **Transitions Optical, Inc.**