



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

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Crown Melbourne Limited* [2020] APO 47**

Patent Application: 2018219972

Title: METHOD AND APPARATUS FOR ROULETTE GAME

Patent Applicant: Crown Melbourne Limited

Delegate: R Subbarayan

Decision Date: 16 October 2020

Hearing Date: Written submissions filed on 17 June 2020

Catchwords: **PATENTS** – Examiner’s objection – whether claims are to a manner of manufacture – layout of numbered wagering spaces on the roulette table – whether serves a mechanical or other technical purpose – scheme for increased take-up of game and increased betting options – not a manner of manufacture – application refused

Representation: Patent attorney for the applicant: Pini IP

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 13 Oct 2020 .

(71) ALPHA RAIL AUSTRALIA PTY LTD (21) 2020903600 (22) 05.10.2020 (54) Rail Wheel Flange Gap Filler	(71) Biodry Pty Ltd (21) 2020903548 (22) 01.10.2020 (54) Improvements to drying sugarcane	tem of magnetic lasers to join each section of the turbine.
(71) Alto Art Systems Pty Ltd (21) 2020903555 (22) 01.10.2020 (54) An Artwork Handling System	(71) Boulton, P. (21) 2020903568 (22) 02.10.2020 (54) Irrigation system	(71) Deakin University (21) 2020903572 (22) 02.10.2020 (54) Additive Manufacturing
(71) Anderson, J. (21) 2020903551 (22) 01.10.2020 (54) A SYSTEM AND METHOD FOR THE DESIGN, OPERATION AND MANAGEMENT OF A DRIVE IN THEME PARK	(71) Bradley, M. (21) 2020903636 (22) 07.10.2020 (54) AN IMPROVED DECK SPANNER FOR USE WITH A DRILL ROD	(71) DLIP Limited (21) 2020903649 (22) 08.10.2020 (54) IMPROVEMENTS IN AND RELATING TO TRANSPORTATION
(71) Anderson, J. (21) 2020903566 (22) 02.10.2020 (54) SYSTEM AND METHOD FOR VISUAL DISPLAY IN AN AUDITORIUM	(71) Buildsafe Equipment Sales Pty Ltd (21) 2020903640 (22) 08.10.2020 (54) Improvements Relating to Rooftop Walkways	(71) DOT DESIGN GROUP PTY LTD (21) 2020903588 (22) 05.10.2020 (54) Wood Stain Sampling Satchet
(71) Angry Turtle Pty Ltd (21) 2020903615 (22) 06.10.2020 (54) Device, System and Method for Lifting a Load	(71) Carina Biotech Pty Ltd (21) 2020903560 (22) 01.10.2020 (54) Methods for Purifying T Cells	(71) DOT DESIGN GROUP PTY LTD (21) 2020903589 (22) 05.10.2020 (54) Interchangeable Magnetic Branding Display Device
(71) Aqseptence Group Pty Ltd (21) 2020903578 (22) 02.10.2020 (54) A screen panel mounting arrangement	(71) Collings, T.A. (21) 2020903623 (22) 07.10.2020 (54) MUSIC LEARNING AID	(71) Drysdale, K. (21) 2020903618 (22) 07.10.2020 (54) Integrated Solar Heat Collection, Power Generation & Storage System
(71) Arenberg Sport Pty Ltd (21) 2020903635 (22) 07.10.2020 (54) Bicycle helmet with integrated camera	(71) Coma, A. (21) 2020903605 (22) 06.10.2020 (54) Camera strip connectors	(71) Edser, S. (21) 2020903613 (22) 06.10.2020 (54) Live Earth Circuit Breaker (LECB) Open Neutral Circuit Breaker (ON-CB) External Earth Fault Circuit Breaker (EEF-CB) Broken PEN Circuit Breaker (B-PEN-CB)
(71) Beckman, J. (21) 2020903550 (22) 01.10.2020 (54) Method of securing a urine bag to oneself and a urine bag for use therewith	(71) Connector Technologies Pty Ltd (21) 2020903612 (22) 06.10.2020 (54) Intrinsically safe electrical connector	(71) Envision Sciences Pty Ltd (21) 2020903662 (22) 09.10.2020 (54) METHODS FOR DETECTING COLORECTAL CANCER
(71) BestSeat 360 Limited (21) 2020903630 (22) 07.10.2020 (54) A 360 Media-streaming Network	(71) Crossan, M. (21) 2020903565 (22) 02.10.2020 (54) It is a new innovative method of constructing wind turbines. It keeps staff safer than at present and uses a sys-	

Provisional Applications Filed - Name Index cont'd

(71) Envision Sciences Pty Ltd
(21) 2020903665 (22) 09.10.2020
(54) METHODS FOR DETECTING OVARIAN CANCER

(71) Eudaemon Technologies Pty Ltd
(21) 2020903593 (22) 05.10.2020
(54) MODIFIED HYDROGELS

(71) Eudaemon Technologies Pty Ltd
(21) 2020903594 (22) 05.10.2020
(54) METHOD FOR IMPROVING THE PROPERTIES OF A HYDROGEL

(71) F.H. DESIGNS PTY. LIMITED
(21) 2020903585 (22) 05.10.2020
(54) Portable tailgate lifting mechanism

(71) Five At Heart International Pty Ltd
(21) 2020903627 (22) 07.10.2020
(54) A LOCKER ASSEMBLY

(71) Flow Scientific Australia Pty Ltd
(21) 2020903620 (22) 07.10.2020
(54) Disinfectant Dispenser and Method of Construction

(71) Freney, C.
(21) 2020903619 (22) 07.10.2020
(54) Improvements to poultry feeding systems

(71) Gaia Securities Limited
(21) 2020903707 (22) 13.10.2020
(54) ELECTRICAL POWER GENERATION BY TRANSMUTATION OF HYDROGEN ISOTOPES

(71) Girgis Innovations Pty Ltd
(21) 2020903625 (22) 07.10.2020
(54) Trolley

(71) Gladium Australia Pty Ltd
(21) 2020903592 (22) 05.10.2020
(54) SCRAPER TOOL AND/OR FINISHING TOOL

(71) GLOMESH INTL PTY LTD
(21) 2020903610 (22) 06.10.2020
(54) A mesh for connecting items thereto

(71) GONSALVEZ, C.
(21) 2020903584 (22) 05.10.2020
(54) Modesty Clothing for shower and toilet use

(71) Gray, M.
(21) 2020903606 (22) 06.10.2020
(54) Flight Instructor Diagnostic Display

(71) Haldatec Pty Ltd
(21) 2020903556 (22) 01.10.2020
(54) A VORTEX SUPPRESSION DEVICE

HELLO SAFE TECHNOLOGY PTY. LTD see Machona, C.
(21) 2020903591

(71) Holgar, W.
(21) 2020903604 (22) 06.10.2020
(54) METHOD AND APPARATUS FOR USE IN GUIDING CONSCIOUS BEHAVIOUR DEVELOPMENT

(71) Hoshizaki Lancer Pty Ltd
(21) 2020903580 (22) 02.10.2020
(54) A BEVERAGE DISPENSER

(71) Hydrawall Pty Ltd
(21) 2020903571 (22) 02.10.2020
(54) Fibreglass Reinforced Plastic

Hywel-Evans, D. see Smith, W.
(21) 2020903647

(71) Implicit Bioscience Limited
(21) 2020903624 (22) 07.10.2020
(54) METHODS AND AGENTS FOR THE TREATMENT OF OCULAR DISEASE

(71) IP RESERVE PTY LTD
(21) 2020903573 (22) 02.10.2020
(54) FORMULATION

(71) James, G.
(21) 2020903643 (22) 08.10.2020
(54) SYSTEM AND METHOD FOR TARGETED GIFT-GIVING

(71) Johnston, G.
(21) 2020903648 (22) 08.10.2020
(54) Bush fire detection and warning system

Li, Y. see Smith, W.
(21) 2020903647

(71) LIFESIZE PLANS IP PTY LTD
(21) 2020903582 (22) 02.10.2020
(54) A FLOOR PLAN VISUALISATION SYSTEM

(71) Llance & Lain Investments Pty Ltd
(21) 2020903575 (22) 02.10.2020
(54) UV Disinfection System

(71) Luffman, B.
(21) 2020903639 (22) 07.10.2020
(54) Pram/stroller attachment for golf clubs

(71) Macfarlane Burnet Institute for Medical Research and Public Health Limited
(21) 2020903616 (22) 06.10.2020
(54) Methods and compositions based on longitudinal studies

(71) Machona, C.; HELLO SAFE TECHNOLOGY PTY. LTD
(21) 2020903591 (22) 05.10.2020
(54) Wearable Smart Safety Device System & Application Software

(71) Marquis Macadamias Ltd
(21) 2020903564 (22) 02.10.2020
(54) NUT SHELLING MACHINE AND METHOD

(71) Mauricio De Melo, E.H.
(21) 2020903579 (22) 02.10.2020
(54) E-commerce crowdsourced delivery platform.

(71) Maxson Developments Pty Ltd
(21) 2020903587 (22) 05.10.2020
(54) Cable Pit Cover

(71) MENZIES, S.
(21) 2020903607 (22) 06.10.2020
(54) Digital content source verification and management system and method

(71) MercuryPM Pty Ltd
(21) 2020903642 (22) 08.10.2020
(54) A soft shackle winch link

(71) Merton Consulting Pty Ltd
(21) 2020903590 (22) 05.10.2020
(54) Probe Cleaner

(71) Monash University
(21) 2020903586 (22) 05.10.2020
(54) Clec9A antibodies

(71) Nepean Conveyors Pty Ltd
(21) 2020903608 (22) 06.10.2020
(54) CLAMPING APPARATUS FOR CONVEYOR BELT

(71) NewSouth Innovations Pty Limited; The University of Sydney
(21) 2020903637 (22) 07.10.2020
(54) Plasma assisted electrocatalytic conversion

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited
 (21) 2020903654 (22) 08.10.2020
 (54) COMPOSITE PRODUCTS COMPRISING COFFEE GROUNDS AND THE MANUFACTURE THEREOF

(71) Nucleotrace Pty. Ltd.
 (21) 2020903611 (22) 06.10.2020
 (54) Oligonucleotides representing digital data

O'Loughlin, J.J. see Starpan Pty Ltd
 (21) 2020903651

O'Loughlin, S. see Starpan Pty Ltd
 (21) 2020903651

(71) PACKER, G.
 (21) 2020903650 (22) 02.10.2020
 (54) ATOMIC HYDROGEN REACTOR

(71) PATHI, J.M.
 (21) 2020903583 (22) 03.10.2020
 (54) DiQuark Log Maker: A device/product/machine/structure, which will turn paper waste and food waste or any organic waste into a useful product.

(71) Phantom Precision Engineering Pty Ltd
 (21) 2020903622 (22) 07.10.2020
 (54) DENTAL DRIVER SYSTEM

(71) Plant IP Pty Ltd
 (21) 2020903652 (22) 08.10.2020
 (54) Accessory bar and load carrying assembly

(71) Plus Teck Pty Ltd
 (21) 2020903602 (22) 06.10.2020
 (54) Shower Tray Construction And Method

(71) Preston, J.
 (21) 2020903581 (22) 02.10.2020
 (54) Method of construction

(71) PRODUCTION IMAGING PTY LTD
 (21) 2020903567 (22) 02.10.2020
 (54) Improved Portable Ladder Configuration

(71) Queensland University of Technology
 (21) 2020903632 (22) 07.10.2020
 (54) POLYMER PARTICLES

(71) Rapid Phenotyping Pty Limited
 (21) 2020903552 (22) 01.10.2020
 (54) Multiplexing Optical Element and Uses Thereof

(71) Redarc Technologies Pty Ltd
 (21) 2020903553 (22) 01.10.2020
 (54) BRAKE CONTROLLER WITH A HOUSING OR A LOOM

(71) Redarc Technologies Pty Ltd
 (21) 2020903554 (22) 01.10.2020
 (54) BRAKE CONTROLLER FOR TOWED VEHICLE BRAKING SYSTEM

(71) Redarc Technologies Pty Ltd
 (21) 2020903559 (22) 01.10.2020
 (54) BRAKE CONTROLLER WITH PITCH/ROLL COMPENSATION

(71) ResMed Pty Ltd
 (21) 2020903563 (22) 02.10.2020
 (54) CONDUIT HEADGEAR WITH FLOW REGULATING VALVE

(71) ResMed Pty Ltd
 (21) 2020903638 (22) 07.10.2020
 (54) Positioning, Stabilising, And Interfacing Structures And System Incorporating Same

(71) Schrader, L.
 (21) 2020903644 (22) 08.10.2020
 (54) Children's Educational Pocket Tablecloth

(71) Scimita Operations Pty Ltd
 (21) 2020903574 (22) 02.10.2020
 (54) Method and apparatus for the continuous production of ice having improved melting characteristics

(71) Sharpe, R.
 (21) 2020903626 (22) 07.10.2020
 (54) An Improved Syringe

(71) Sharpie Innovations Pty Ltd
 (21) 2020903601 (22) 05.10.2020
 (54) An electrolysis system and a method of generating hydrogen

(71) Shramenko-Chen, A.
 (21) 2020903617 (22) 06.10.2020
 (54) Truth AND Dare's is a tabletop board game developed by Annabella Shramenko-Chen to bring the popular verbal party game 'Truth or Dare' into a family friendly board game environment with extensions for players to create infinite new game paths, participate in chance driven truth and dare activities and provide opportunities for players to invent their own truth and dare activities during the game play. The aim of the

game is to be the first player to reach Finish tile.

(71) Smith, W.; Li, Y.; Hywel-Evans, D.
 (21) 2020903647 (22) 08.10.2020
 (54) A SHOCK WAVE SIGNAL GENERATOR AND METHODS OF USE THEREOF

(71) Southern Wire Pty Ltd
 (21) 2020903655 (22) 08.10.2020
 (54) Mesh Sheeting Panel

(71) Space Industries Pty Ltd
 (21) 2020903549 (22) 01.10.2020
 (54) Ore processing

(71) Stalwart Technologies Pty Ltd
 (21) 2020903621 (22) 07.10.2020
 (54) IMPROVED FIRE RETARDANT COMPOSITIONS AND PROCESSES

(71) Stan-Bishop, N.
 (21) 2020903595 (22) 05.10.2020
 (54) WEAR PROTECTION PAD

(71) Starpan Pty Ltd; O'Loughlin, J.J.; O'Loughlin, S.
 (21) 2020903651 (22) 08.10.2020
 (54) BEAR SCRATCHER

(71) Stoddart Technology Pty Ltd
 (21) 2020903631 (22) 07.10.2020
 (54) Roof drainage system, method and apparatus

(71) STRANGE, W.
 (21) 2020903569 (22) 02.10.2020
 (54) CENTRE BYPASS MUD HAMMER

(71) St Vincent's Hospital Sydney Limited
 (21) 2020903628 (22) 07.10.2020
 (54) HEART PUMP OUTFLOW CONDUIT

(71) The University of Queensland
 (21) 2020903603 (22) 06.10.2020
 (54) Triplet Quencher

The University of Sydney see NewSouth Innovations Pty Limited
 (21) 2020903637

(71) Torres, A.
 (21) 2020903597 (22) 05.10.2020
 (54) A Cannabidiol Composition for use as an anti fungal treatment

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(71) Torres, A.
 (21) 2020903598 (22) 05.10.2020
 (54) A Cannabigerol Composition for use as an anti fungal treatment

(71) Warfe, R.
 (21) 2020903546 (22) 01.10.2020
 (54) X-ray security system screening tray containment cover

(71) Torres, A.
 (21) 2020903599 (22) 05.10.2020
 (54) A Cannabichromene Composition for use as an anti fungal treatment

(71) Wire Design (Vic.) Pty. Ltd
 (21) 2020903634 (22) 07.10.2020
 (54) A DETENT ARM FOR RETAIL DISPLAY

(71) Torres, A.
 (21) 2020903629 (22) 07.10.2020
 (54) A topical nano colloidal copper composition containing Cannabidiol to treat dermatological infections and diseases

(71) Woodside Energy Technologies Pty Ltd
 (21) 2020903596 (22) 05.10.2020
 (54) RENEWABLE ENERGY HYDROCARBON PROCESSING METHOD AND PLANT

(71) Trackz Pty Ltd
 (21) 2020903653 (22) 08.10.2020
 (54) Contact Tracing System

(71) Zhou, Y.
 (21) 2020903561 (22) 01.10.2020
 (54) E-commerce platform using Extended Reality technology to create a retail store simulator.

(71) Transtech Research Pty Ltd
 (21) 2020903570 (22) 02.10.2020
 (54) A FREIGHT VEHICLE

(71) Trisco ICAP Pty Ltd
 (21) 2020903609 (22) 06.10.2020
 (54) Foodstuff

(71) University of South Australia
 (21) 2020903645 (22) 08.10.2020
 (54) MICROFLUIDIC DEVICE AND METHOD FOR ANALYSIS OF A PARTICULATE SAMPLE

(71) University of Technology Sydney (UTS)
 (21) 2020903646 (22) 08.10.2020
 (54) Anisotropic magnetic beads

(71) Vast Solar Pty Ltd
 (21) 2020903557 (22) 01.10.2020
 (54) A thermal energy storage tank and components therefor

(71) Vexev Pty Ltd
 (21) 2020903633 (22) 07.10.2020
 (54) Systems and methods for acoustic imaging

(71) Vision Pharma Pty Ltd
 (21) 2020903576 (22) 02.10.2020
 (54) Treatment of VEGFA-Related Disease

(71) Vision Pharma Pty Ltd
 (21) 2020903577 (22) 02.10.2020
 (54) Treatment of Optic Atrophy

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2020903546	Warfe, R.	2020903617	Shramenko-Chen, A.
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2020903561	Zhou, Y.	2020903630	BestSeat 360 Limited
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2020903579	Mauricio De Melo, E.H.	2020903648	Johnston, G.
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2020903581	Preston, J.	2020903650	PACKER, G.
2020903582	LIFESIZE PLANS IP PTY LTD	2020903651	Starpan Pty Ltd; O'Loughlin, J.J.; O'Loughlin, S.
2020903583	PATHI, J.M.	2020903652	Plant IP Pty Ltd
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2020903585	F.H. DESIGNS PTY. LIMITED	2020903654	NewSouth Innovations Pty Limited
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2020903616	Macfarlane Burnet Institute for Medical Research and Public Health Limited		

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Applications listed below were processed through the Patent Office Canberra during the period ending 13 Oct 2020 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 10X Genomics, Inc. (21) 2020244615 (22) 05.10.2020 (54) Compositions and methods for sample processing (62) 2014302277</p> <hr/> <p>(71) 4D Pharma Research Limited (21) 2020244599 (22) 02.10.2020 (54) Compositions comprising bacterial strains (62) 2016278072</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2020250205 (22) 07.10.2020 (54) CHARACTERIZING DATA SOURCES IN A DATA STORAGE SYSTEM (62) 2018253479</p> <hr/> <p>(71) Abramov, Y. (21) 2020244606 (22) 03.10.2020 (54) Apparatuses Based on Jet-Effect and Thermoelectric Effect</p> <hr/> <p>(71) Adobe Inc. (21) 2020244577 (22) 02.10.2020 (54) SLOT FILLING WITH CONTEXTUAL INFORMATION (31) 16/706,180 (32) 06.12.19 (33) US</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd. (21) 2020244545 (22) 01.10.2020 (54) Method for performing inter-system service operation, service platform, and target system (62) 2016373251</p> <hr/> <p>(71) Aerie Pharmaceuticals, Inc (21) 2020250183 (22) 06.10.2020 (54) ARYL CYCLOPROPYL-AMINO-ISOQUINOLINYL AMIDE COMPOUNDS (62) 2018243687</p> <hr/> <p>(71) Alfa Laval Corporate AB; Alfa Laval Spiral SAS (21) 2020244569 (22) 02.10.2020 (54) Spiral heat exchanger (31) 19201225.0 (32) 03.10.19 (33) EP</p> <hr/> <p>Alfa Laval Spiral SAS see Alfa Laval Corporate AB</p>	<p>(21) 2020244569</p> <hr/> <p>(71) Allergan GI Corp. (21) 2020244601 (22) 02.10.2020 (54) Process for the liquid phase synthesis of H-INP-(D)BAL-(D)TRP-PHE-APC-NH₂, and pharmaceutically acceptable salts thereof (62) 2015227278</p> <hr/> <p>(71) Allergan Industrie, SAS (21) 2020250203 (22) 07.10.2020 (54) Stable hydrogel compositions including additives (62) 2019201589</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2020244571 (22) 02.10.2020 (54) Fixed block railway signaling system (31) 201911040674 (32) 09.10.19 (33) IN</p> <hr/> <p>(71) Amgen Inc. (21) 2020244570 (22) 02.10.2020 (54) Protein formulations (62) 2018271338</p> <hr/> <p>(71) Amgen Inc. (21) 2020250182 (22) 06.10.2020 (54) Protein Formulations (62) 2015280480</p> <hr/> <p>(71) Amphivena Therapeutics, Inc. (21) 2020244593 (22) 02.10.2020 (54) BISPECIFIC CD33 AND CD3 BINDING PROTEINS (62) 2015284200</p> <hr/> <p>(71) Apple Inc. (21) 2020244538 (22) 01.10.2020 (54) Wireless listening device and case (62) 2019200416</p> <hr/> <p>(71) Apple Inc. (21) 2020244539 (22) 01.10.2020 (54) Wireless earbuds (62) 2019200416</p> <hr/> <p>(71) Archer Daniels Midland Company (21) 2020250212 (22) 07.10.2020</p>	<p>(54) LECITHIN COMPOSITIONS AND METHODS OF MAKING AND USING SUCH LECITHIN COMPOSITIONS (62) 2016274873</p> <hr/> <p>(71) Argenta Innovation Limited (21) 2020244536 (22) 01.10.2020 (54) Ectoparasite formulation (62) 2015215638</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020244604 (22) 02.10.2020 (54) METHOD AND SYSTEM FOR DISPLAY ASSEMBLY HINGING (62) 2018204608</p> <hr/> <p>(71) Atarfil, S.L. (21) 2020244527 (22) 01.10.2020 (54) Self-supporting, synthetic polymer waterproof membrane with self-healing ability (62) 2016279942</p> <hr/> <p>(71) Auris Health, Inc. (21) 2020244524 (22) 01.10.2020 (54) Configurable robotic surgical system with virtual rail and flexible endoscope (62) 2015325052</p> <hr/> <p>(71) Axsome Therapeutics, Inc. (21) 2020244610 (22) 04.10.2020 (54) Pharmaceutical compositions comprising meloxicam (62) 2018205790</p> <hr/> <p>(71) Axsome Therapeutics, Inc. (21) 2020250196 (22) 06.10.2020 (54) Pharmaceutical compositions comprising meloxicam (62) 2018265411</p> <hr/> <p>(71) Berg LLC (21) 2020244596 (22) 02.10.2020 (54) Bayesian causal relationship network models for healthcare diagnosis and treatment based on patient data (62) 2015314956</p> <hr/> <p>(71) BGC Partners, Inc. (21) 2020244616 (22) 06.10.2020</p>
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(54) PRODUCTS AND PROCESSES FOR ORDER DISTRIBUTION
(62) 2018208750

(71) BIAL - BioTech Investments, Inc.
(21) 2020244605 (22) 02.10.2020
(54) SUBSTITUTED PYRROLO[1,2-A]PYRIMIDINES AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS
(62) 2015342883

(71) Biogen MA Inc.
(21) 2020250216 (22) 07.10.2020
(54) Novel hybrid ActRIIB ligand trap proteins for treating muscle wasting diseases
(62) 2016251640

(71) Boehringer Ingelheim International GmbH; Hydra Biosciences, LLC
(21) 2020250185 (22) 06.10.2020
(54) Pyridine carbonyl derivatives and therapeutic uses thereof as TRPC6 inhibitors
(62) 2018355743

(71) Buck Institute for Research on Aging; Unity Biotechnology, Inc.; The Johns Hopkins University
(21) 2020244600 (22) 02.10.2020
(54) Methods and compositions for killing senescent cells and for treating senescence-associated diseases and disorders
(62) 2015211021

(71) Calgon Carbon Corporation
(21) 2020250222 (22) 07.10.2020
(54) SORBENTS FOR REMOVAL OF MERCURY
(62) 2016264727

(71) Canon Kabushiki Kaisha
(21) 2020244588 (22) 02.10.2020
(54) Cartridge and electrophotographic image forming apparatus
(62) 2018250500

(71) Canon Kabushiki Kaisha
(21) 2020250179 (22) 06.10.2020
(54) Method, apparatus and system for encoding and decoding a sample adaptive offset data of encoded video data
(62) 2018264011

(71) CareFusion 303, Inc.
(21) 2020250200 (22) 07.10.2020
(54) Male luer connector with valve having fluid path and vent path seals
(62) 2019200750

Children's Healthcare of Atlanta, Inc. see Emory University
(21) 2020244533

(71) Children's Hospital Medical Center
(21) 2020244473 (22) 30.09.2020
(54) An improved fetal hemoglobin for genetic correction of sickle cell disease
(62) 2015210775

(71) Civitas Therapeutics, Inc.
(21) 2020250195 (22) 06.10.2020
(54) Rapamycin Powders for Pulmonary Delivery
(62) 2015342919

(71) Civitas Therapeutics, Inc.
(21) 2020250224 (22) 07.10.2020
(54) Devices and methods for puncturing a capsule to release a powdered medication therefrom
(62) 2019204497

(71) Cleveland HeartLab, Inc.
(21) 2020244532 (22) 01.10.2020
(54) Compositions and methods for purification and detection of HDL and ApoA1
(62) 2015258962

(71) Commonwealth Scientific and Industrial Research Organisation; The Boeing Company
(21) 2020244584 (22) 02.10.2020
(54) DISTORTION PREDICTION AND MINIMISATION IN ADDITIVE MANUFACTURING
(62) 2015271638

(71) Complete Outdoor Solutions (WA) Pty Ltd
(21) 2020244540 (22) 01.10.2020
(54) Post puller
(61) 2019264574

Consolidated Edison Company of New York, Inc. see Palo Alto Research Center Incorporated
(21) 2020250186

(71) Covidien LP
(21) 2020250180 (22) 06.10.2020
(54) Surgical staple cartridge
(31) 16/671,339 (32) 01.11.19 (33) US

(71) CROWN EQUIPMENT CORPORATION
(21) 2020244555 (22) 01.10.2020
(54) Systems and methods for supervising industrial vehicles via encoded vehicular objects shown on a mobile client device
(62) 2014381660

(71) Deep Brain Innovations LLC
(21) 2020250193 (22) 06.10.2020
(54) DEEP BRAIN STIMULATOR AND METHOD OF USE
(62) 2019203997

(71) Deere & Company
(21) 2020250194 (22) 06.10.2020
(54) Agricultural machine control based on sensed blockage distance
(31) 17/010,324 (32) 02.09.20 (33) US
62/923,869 21.10.19 US

(71) DEKA Products Limited Partnership
(21) 2020244559 (22) 01.10.2020
(54) MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES
(62) 2019202307

(71) Derrick Corporation
(21) 2020250198 (22) 07.10.2020
(54) APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
(62) 2017341930

(71) Dexcom, Inc.
(21) 2020250184 (22) 06.10.2020
(54) Systems and methods for display device and sensor electronics unit communication
(62) 2020202301

(71) DODE, S.A.
(21) 2020244608 (22) 03.10.2020
(54) Method for the treatment of corn kernels intended for the production of popcorn using microwave appliances, and resulting product
(62) 2016257419

(71) Eagle View Technologies, Inc.
(21) 2020244561 (22) 02.10.2020
(54) IMAGE ANALYSIS SYSTEM
(62) 2018204098

(71) Emory University; Children's Healthcare of Atlanta, Inc.
(21) 2020244533 (22) 01.10.2020
(54) Recombinant RSV with silent mutations, vaccines, and methods related thereto
(62) 2014239583

(71) Envisia Therapeutics, Inc
(21) 2020244612 (22) 05.10.2020
(54) IMPLANT APPLICATORS AND METHODS FOR ADMINISTERING IMPLANTS
(62) 2016230026

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<p>(71) EPC Engineering & Technologies GmbH (21) 2020244476 (22) 30.09.2020 (54) Efficient method for decontaminating waste gases and waste water containing cyanide in a method for producing alkali metal cyanides (62) 2016279761</p>	<p>(54) Method for producing novel nitrogen-containing compound or salt thereof, and production intermediate of same (62) 2019246859</p>	<p>(54) FIRE CONTAINMENT DEVICES AND COMPONENTS THEREFOR (62) 2018206765</p>
<p>(71) FAICZAK, J. (21) 2020244478 (22) 30.09.2020 (54) Method, Apparatus And System For Balancing The Fluid Pressure Of Fluid Distribution Systems (31) 3083899 (32) 18.06.20 (33) CA</p>	<p>(71) FUJIFILM Corporation (21) 2020244580 (22) 02.10.2020 (54) Method for producing novel nitrogen-containing compound or salt thereof, and production intermediate of same (62) 2019246859</p>	<p>(71) IGT (21) 2020244535 (22) 01.10.2020 (54) Retrofit Card Reader with Cardless Support (31) 16/589,630 (32) 01.10.19 (33) US</p>
<p>(71) Fisher & Paykel Healthcare Limited (21) 2020244474 (22) 30.09.2020 (54) RESPIRATORY MASK CUSHION (62) 2019200626</p>	<p>(71) GALERA LABS, LLC (21) 2020244613 (22) 05.10.2020 (54) METHODS FOR TREATMENT OF DISEASES (62) 2019201392</p>	<p>(71) IGT (21) 2020244562 (22) 02.10.2020 (54) SYSTEM AND METHOD FOR SETTling FUNDS TRANSFERS BETWEEN DIFFERENT GAMING ESTABLISHMENT ACCOUNTS MAINTAINED BY DIFFERENT GAMING ESTABLISHMENTS (31) 16/591,195 (32) 02.10.19 (33) US</p>
<p>(71) Fisher & Paykel Healthcare Limited (21) 2020244528 (22) 01.10.2020 (54) USABILITY FEATURES FOR RESPIRATORY HUMIDIFICATION SYSTEM (62) 2015259944</p>	<p>(71) Galil Medical Inc. (21) 2020244547 (22) 01.10.2020 (54) Cryoneedle (62) 2016220282</p>	<p>(71) IGT (21) 2020244563 (22) 02.10.2020 (54) SYSTEM AND METHOD FOR INCENTIVIZING PURCHASES IN ASSOCIATION WITH A GAMING ESTABLISHMENT RETAIL ACCOUNT (31) 16/591,188 (32) 02.10.19 (33) US</p>
<p>(71) Fisher & Paykel Healthcare Limited (21) 2020244529 (22) 01.10.2020 (54) SYSTEM FOR HUMIDIFICATION OF MEDICAL GASES (62) 2016214008</p>	<p>General Electric Company see Palo Alto Research Center Incorporated (21) 2020250191</p>	<p>(71) Imageware Systems, Inc. (21) 2020244581 (22) 02.10.2020 (54) Cloud-Based Biometric Enrollment, Identification and Verification Through Identity Providers (62) 2015378512</p>
<p>(71) Fisher & Paykel Healthcare Limited (21) 2020244579 (22) 02.10.2020 (54) Nasal Interfaces for Respiratory Therapy (62) 2018202130</p>	<p>(71) Grains Research and Development Corporation; University of South Australia (21) 2020244587 (22) 02.10.2020 (54) WEED SEED DEVITALIZATION ARRANGEMENT (62) 2018247235</p>	<p>(71) INCYTE CORPORATION (21) 2020250211 (22) 07.10.2020 (54) BICYCLIC HETEROCYCLES AS FGFR INHIBITORS (62) 2016219822</p>
<p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2020244568 (22) 02.10.2020 (54) BLOWER FOR BREATHING APPARATUS (62) 2018253516</p>	<p>(71) Gree Electric Appliances, Inc. of Zhuhai (21) 2020244525 (22) 01.10.2020 (54) POWER CONSUMPTION MANAGEMENT METHOD FOR ELECTRIC DEVICES, MANAGER AND MANAGEMENT SYSTEM (62) 2017345958</p>	<p>(71) INCYTE HOLDINGS CORPORATION (21) 2020250201 (22) 07.10.2020 (54) BICYCLIC HETEROCYCLES AS FGFR INHIBITORS (62) 2018208772</p>
<p>(71) Fisher & Paykel Healthcare Limited (21) 2020250181 (22) 06.10.2020 (54) ZONE HEATING FOR RESPIRATORY CIRCUITS (62) 2018214083</p>	<p>(71) Hardfacing Industries WA Pty Ltd (21) 2020250192 (22) 06.10.2020 (54) ROCK PICKER TINE</p>	<p>(71) Invuity, Inc. (21) 2020244531 (22) 01.10.2020 (54) Illuminated electrosurgical system and method of use (62) 2015302064</p>
<p>(71) Flexible Steel Lacing Company (21) 2020250210 (22) 07.10.2020 (54) CONVEYOR BELT CLEANER (62) 2015283906</p>	<p>(71) HeartFlow, Inc (21) 2020244586 (22) 02.10.2020 (54) Method and system for sensitivity analysis in modeling blood flow characteristics (62) 2019200682</p>	<p>(71) Iovance Therapeutics, Inc (21) 2020250208 (22) 07.10.2020 (54) COMPOUNDS AND SYNTHETIC METHODS FOR THE PREPARATION OF RETINOID X RECEPTOR-SPECIFIC RETINOLIDS (62) 2018367653</p>
<p>(71) FUJIFILM Corporation (21) 2020244578 (22) 02.10.2020</p>	<p>Hydra Biosciences, LLC see Boehringer Ingelheim International GmbH (21) 2020250185</p>	<p>(71) Iovance Therapeutics, Inc (21) 2020250208 (22) 07.10.2020 (54) COMPOUNDS AND SYNTHETIC METHODS FOR THE PREPARATION OF RETINOID X RECEPTOR-SPECIFIC RETINOLIDS (62) 2018367653</p>
<p>(71) FUJIFILM Corporation (21) 2020244578 (22) 02.10.2020</p>	<p>(71) IG6 Pty Ltd (21) 2020244543 (22) 01.10.2020</p>	<p>(71) Iovance Therapeutics, Inc (21) 2020250208 (22) 07.10.2020 (54) COMPOUNDS AND SYNTHETIC METHODS FOR THE PREPARATION OF RETINOID X RECEPTOR-SPECIFIC RETINOLIDS (62) 2018367653</p>

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(71) JACKSON ELECTRICAL INDUSTRIES LIMITED
 (21) 2020244564 (22) 02.10.2020
 (54) A LIGHTING FIXTURE AND LIGHTING SYSTEM
 (31) 761735 (32) 14.02.20 (33) NZ

(71) Janssen Biotech, Inc.
 (21) 2020250204 (22) 07.10.2020
 (54) Anti-CD38 antibodies for treatment of acute lymphoblastic leukemia
 (62) 2015223209

(71) Jeneil Biotech, Inc.
 (21) 2020244523 (22) 01.10.2020
 (54) RESTRUCTURED NATURAL PROTEIN MATRICES
 (62) 2018203342

(71) Jurox Pty Ltd
 (21) 2020244597 (22) 02.10.2020
 (54) Drug release device and use
 (62) 2017205773

(71) Kadimastem Ltd.
 (21) 2020244551 (22) 01.10.2020
 (54) Directed differentiation of astrocytes from human pluripotent stem cells for use in drug screening and the treatment of Amyotrophic Lateral Sclerosis (ALS)
 (62) 2014330807

(71) kaleo, Inc.
 (21) 2020244558 (22) 01.10.2020
 (54) DEVICES AND METHODS FOR DELIVERING A LYOPHILIZED MEDICAMENT
 (62) 2016235054

(71) Korea Research Institute of Chemical Technology
 (21) 2020250218 (22) 07.10.2020
 (54) Botulinum toxin pharmaceutical composition comprising tannic acid
 (31) 10-2020-0052074 (32) 29.04.20 (33) KR

(71) LG Electronics Inc.
 (21) 2020244592 (22) 02.10.2020
 (54) Power converting system
 (62) 2017300783

(71) Life Technologies AS
 (21) 2020244585 (22) 02.10.2020
 (54) Selective expansion of different sub-populations of T cells by the alteration of cell surfacing signals and signal ratio
 (62) 2016344745

(71) Lomax Group Pty Ltd
 (21) 2020244548 (22) 01.10.2020

(54) SUPPORT-WEIGHT, STRENGTHENING POST, RELATED METHODS OF USE AND INSTALLATIONS
 (62) 2018203676

(71) Martin, I.
 (21) 2020244576 (22) 02.10.2020
 (54) A WATER STANDPIPE ASSEMBLY

(71) MASTERCARD INTERNATIONAL INCORPORATED
 (21) 2020244595 (22) 02.10.2020
 (54) Methods, systems, and computer readable media for providing a personalized offers integration platform
 (62) 2017274295

(71) Mayo Foundation for Medical Education and Research
 (21) 2020244534 (22) 01.10.2020
 (54) Cancer Treatments
 (62) 2019203508

(71) Medical Enterprises Distribution, LLC
 (21) 2020244603 (22) 02.10.2020
 (54) Battery enclosure for sterilizeable surgical tools having thermal insulation
 (62) 2016211455

(71) Medline Industries, Inc.
 (21) 2020244549 (22) 01.10.2020
 (54) Improved Rollator
 (62) 2019257542

(71) Medtronic PS Medical, Inc.
 (21) 2020250199 (22) 07.10.2020
 (54) Wireless pressure measurement and monitoring for shunts
 (62) 2016243358

(71) MICHAEL BELL ARCHITECTS PTY LTD
 (21) 2020250221 (22) 07.10.2020
 (54) Hardware for double hung windows that allows them to be open without rattling.

NantCell, Inc. see Nant Holdings IP, LLC
 (21) 2020244589

(71) Nant Holdings IP, LLC; NantCell, Inc.
 (21) 2020244589 (22) 02.10.2020
 (54) Nant cancer vaccine
 (62) 2017290803

(71) Netflix, Inc.
 (21) 2020244611 (22) 05.10.2020
 (54) Source-consistent techniques for predicting absolute perceptual video quality
 (62) 2017376666

(71) Novartis AG
 (21) 2020244614 (22) 05.10.2020
 (54) Stable protein solution formulation containing high concentration of an anti-VEGF antibody
 (62) 2018274882

(71) Novartis AG
 (21) 2020250190 (22) 06.10.2020
 (54) Ribociclib tablet
 (62) 2019201929

(71) NUXCEL Limited
 (21) 2020250217 (22) 07.10.2020
 (54) SYSTEMS AND METHODS FOR GENERATING THERAPEUTIC ELECTRIC FIELDS FOR CAPTURE OF NERVOUS SYSTEM TARGETS
 (62) 2016248118

(71) NxStage Medical, Inc.
 (21) 2020244565 (22) 02.10.2020
 (54) FLUID PREPARATION AND TREATMENT DEVICES, METHODS, AND SYSTEMS
 (62) 2019228526

(71) NxStage Medical, Inc.
 (21) 2020244566 (22) 02.10.2020
 (54) FLUID PREPARATION AND TREATMENT DEVICES, METHODS, AND SYSTEMS
 (62) 2019228526

(71) NxStage Medical, Inc.
 (21) 2020244567 (22) 02.10.2020
 (54) FLUID PREPARATION AND TREATMENT DEVICES, METHODS, AND SYSTEMS
 (62) 2019228526

(71) Omeros Corporation; University of Leicester
 (21) 2020250188 (22) 06.10.2020
 (54) Compositions and methods of inhibiting MASP-3 for the treatment of various diseases and disorders
 (62) 2017306069

(71) Palo Alto Research Center Incorporated; Consolidated Edison Company of New York, Inc.
 (21) 2020250186 (22) 06.10.2020
 (54) OPTICAL MONITORING TO DETECT CORROSION OF POWER GRID COMPONENTS
 (31) 16/662,726 (32) 24.10.19 (33) US

(71) Palo Alto Research Center Incorporated
 (21) 2020250187 (22) 06.10.2020

Complete Applications Filed - Name Index cont'd

(54) OPTICAL MONITORING TO DETECT
CONTAMINATION OF POWER GRID
COMPONENTS
(31) 16/662,655 (32) 24.10.19 (33) US

(71) Palo Alto Research Center Incorporated
(21) 2020250189 (22) 06.10.2020
(54) FIBER OPTIC SENSING SYSTEM
FOR GRID-BASED ASSETS
(31) 62/925,611 (32) 24.10.19 (33) US
16/665,015 28.10.19 US

(71) Palo Alto Research Center Incorporated; General Electric Company
(21) 2020250191 (22) 06.10.2020
(54) FIBER OPTIC SENSING SYSTEM
FOR GRID-BASED ASSETS
(31) 62/925,611 (32) 24.10.19 (33) US
16/773,181 27.01.20 US

(71) Phoenix Interactive Design, Inc.
(21) 2020244542 (22) 01.10.2020
(54) HEURISTICS FOR MEDIA DISPENSING
IN AUTOMATED TELLER MACHINES (ATMS)
(62) 2015336899

(71) Plasgain Pty Ltd
(21) 2020244530 (22) 01.10.2020
(54) COMPOSITE PRODUCT AND MANUFACTURE
THEREOF
(31) 2019903691 (32) 01.10.19 (33) AU

(71) Polaris Industries, Inc.
(21) 2020244550 (22) 01.10.2020
(54) Hybrid utility vehicle
(62) 2017284964

(71) POND BIOFUELS INC.
(21) 2020250220 (22) 07.10.2020
(54) Biomass production
(62) 2018204391

(71) Prime Datum Development Company, LLC
(21) 2020250219 (22) 07.10.2020
(54) Cooling schemes and methods for cooling
tower motors
(62) 2015292779

(71) Progressive IP Limited
(21) 2020244560 (22) 02.10.2020
(54) Blade Levelling Apparatus & Mounting
System
(62) 2019200177

(71) Pulnova Medical (Wuxi) Co., Ltd.
(21) 2020250197 (22) 07.10.2020

(54) MULTI-POLE SYNCHRONOUS PULMONARY
ARTERY RADIOFREQUENCY ABLATION CATHETER
(62) 2019204804

(71) Qualcomm Incorporated
(21) 2020244591 (22) 02.10.2020
(54) RANDOM ACCESS PROCEDURE
AND BROADCAST PRIORITIZATION
FOR MACHINE TYPE COMMUNICATIONS (MTC)
(62) 2016211353

(71) Sandvik Intellectual Property AB
(21) 2020244583 (22) 02.10.2020
(54) Mobile bulk material processing machine
with demountable hanging assembly
(62) 2014407942

(71) Sanuwave, Inc.
(21) 2020244575 (22) 02.10.2020
(54) Infected Prosthesis and Implant Treatment
with Acoustic Pressure Shock Waves
(62) 2016250668

(71) SCHNEIDER ELECTRIC BUILDINGS, LLC
(21) 2020244607 (22) 03.10.2020
(54) DYNAMIC ADAPTABLE ENVIRONMENT
RESOURCE MANAGEMENT CONTROLLER
APPARATUSES, METHODS AND SYSTEMS
(62) 2015209212

(71) Schneider Electric USA, Inc.
(21) 2020250213 (22) 07.10.2020
(54) SYSTEMS AND METHODS FOR MANAGING
ENERGY-RELATED STRESS IN AN ELECTRICAL
SYSTEM
(31) 62/914,207 (32) 11.10.19 (33) US

(71) SDB IP Holdings, LLC
(21) 2020244537 (22) 01.10.2020
(54) Plumbing control system, method, and
apparatus for preventing repeated use
of an appliance with feedback
(62) 2017325011

(71) SILICALIA, SL
(21) 2020250214 (22) 07.10.2020
(54) CUTTABLE CLADDING PANEL WITH
MATCHING PATTERN, USE AND
MANUFACTURING METHOD THEREOF
(31) EP19382924.9 (32) 24.10.19 (33) EP

(71) Snap-on Incorporated
(21) 2020244553 (22) 01.10.2020
(54) Non-conductive magnetic retrieval tool
(31) 16/592,373 (32) 03.10.19 (33) US

(71) Someones Group Intellectual Property
Holdings Pty Ltd
(21) 2020244594 (22) 02.10.2020
(54) METHOD, SYSTEM AND CONTROLLER
FOR PROVIDING GOODS AND/OR SERVICES
TO CONSUMERS
(62) 2018236702

(71) Sony Semiconductor Solutions Corporation
(21) 2020244602 (22) 02.10.2020
(54) Data processing device and data
processing method
(62) 2017320649

(71) Spinal Elements, Inc.
(21) 2020244544 (22) 01.10.2020
(54) VERTEBRAL FACET JOINT PROSTHESIS
AND METHOD OF FIXATION
(62) 2019201539

(71) State Grid Nanjing Power Supply Company
(21) 2020244590 (22) 02.10.2020
(54) METHOD FOR MINIMIZING PASSIVE
INTERFERENCES BY ADJUSTING
CONSTRUCTION MANNER OF TOWER-MOUNTED
ANTENNAS
(31) 201911056583.9 (32) 31.10.19 (33) CN

(71) SUNTORY HOLDINGS LIMITED
(21) 2020250206 (22) 07.10.2020
(54) A BEVERAGE CONTAINING WOOD
COMPONENTS
(62) 2016206337

(71) TARIS Biomedical LLC
(21) 2020250209 (22) 07.10.2020
(54) Intravesical drug delivery devices and
methods including elastic polymer-drug
matrix systems
(62) 2015279674

The Boeing Company see Commonwealth
Scientific and Industrial Research
Organisation
(21) 2020244584

The Johns Hopkins University see Buck
Institute for Research on Aging
(21) 2020244600

(71) TINNUS ENTERPRISES, LLC
(21) 2020250223 (22) 07.10.2020
(54) APPARATUS, SYSTEM AND METHOD
FOR FILLING CONTAINERS WITH
FLUIDS
(62) 2015213575

Unity Biotechnology, Inc. see Buck
Institute for Research on Aging
(21) 2020244600

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University of Leicester see Omeros Corporation

(21) 2020250188

(71) Zhuhai Jingdian Electronics Co. Ltd
(21) 2020250207 (22) 07.10.2020
(54) An Unmanned Aerial Vehicle
(31) 2009217680091 (32) 21.10.19 (33) CN

University of South Australia see Grains Research and Development Corporation

(21) 2020244587

(71) UVLrx Therapeutics, Inc.

(21) 2020250202 (22) 07.10.2020

(54) HIGH EFFICIENCY OPTICAL COMBINER FOR MULTIPLE NON-COHERENT LIGHT SOURCES

(62) 2018271393

(71) Verrica Pharmaceuticals, Inc.

(21) 2020244554 (22) 01.10.2020

(54) Commercially viable synthesis of cantharidin and bioactive cantharidin derivatives

(62) 2015364524

(71) VIBRANT LTD.

(21) 2020244557 (22) 01.10.2020

(54) GASTROINTESTINAL TREATMENT SYSTEM INCLUDING A VIBRATING CAPSULE, AND METHOD OF USE THEREOF

(62) PCT/IB2019/052529

(71) W. L. Gore & Associates, Inc.

(21) 2020244552 (22) 01.10.2020

(54) Prosthetic valves, frames and leaflets and methods thereof

(62) 2019216635

(71) W. L. Gore & Associates, Inc.

(21) 2020244556 (22) 01.10.2020

(54) Controlled porosity devices for tissue treatments, methods of use, and methods of manufacture

(62) 2018264008

(71) WAVE LIFE SCIENCES LTD.

(21) 2020244546 (22) 01.10.2020

(54) Chiral control

(62) 2018205183

(71) Yale University

(21) 2020244572 (22) 02.10.2020

(54) Methods and compositions for detecting misfolded proteins

(62) 2015243171

(71) Zen Ecosystems IP Pty Ltd

(21) 2020244598 (22) 02.10.2020

(54) Consumer product system

(62) 2015222683

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2020244473	Children's Hospital Medical Center	2020244590	State Grid Nanjing Power Supply Company
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2020244476	EPC Engineering & Technologies GmbH	2020244592	LG Electronics Inc.
2020244478	FAICZAK, J.	2020244593	Amphivena Therapeutics, Inc.
2020244523	Jeneil Biotech, Inc.	2020244594	Someones Group Intellectual Property Holdings Pty Ltd
2020244524	Auris Health, Inc.	2020244595	MASTERCARD INTERNATIONAL INCORPORATED
2020244525	Gree Electric Appliances, Inc. of Zhuhai	2020244596	Berg LLC
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2020244528	Fisher & Paykel Healthcare Limited	2020244598	Zen Ecosystems IP Pty Ltd
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2020244530	Plasgain Pty Ltd	2020244600	Buck Institute for Research on Aging; Unity Biotechnology, Inc.; The Johns Hopkins University
2020244531	Invuity, Inc.		Allergan GI Corp.
2020244532	Cleveland HeartLab, Inc.	2020244601	Sony Semiconductor Solutions Corporation
2020244533	Emory University; Children's Healthcare of Atlanta, Inc.	2020244602	Medical Enterprises Distribution, LLC
2020244534	Mayo Foundation for Medical Education and Research	2020244603	Aristocrat Technologies Australia Pty Limited
2020244535	IGT	2020244604	BIAL - BioTech Investments, Inc.
2020244536	Argenta Innovation Limited	2020244605	Abramov, Y.
2020244537	SDB IP Holdings, LLC	2020244606	SCHNEIDER ELECTRIC BUILDINGS, LLC
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2020244540	Complete Outdoor Solutions (WA) Pty Ltd	2020244610	Netflix, Inc.
2020244542	Phoenix Interactive Design, Inc.	2020244611	Envisia Therapeutics, Inc
2020244543	IG6 Pty Ltd	2020244612	GALERA LABS, LLC
2020244544	Spinal Elements, Inc.	2020244613	Novartis AG
2020244545	Advanced New Technologies Co., Ltd.	2020244614	10X Genomics, Inc.
2020244546	WAVE LIFE SCIENCES LTD.	2020244615	BGC Partners, Inc.
2020244547	Galil Medical Inc.	2020244616	Canon Kabushiki Kaisha
2020244548	Lomax Group Pty Ltd	2020250179	Covidien LP
2020244549	Medline Industries, Inc.	2020250180	Fisher & Paykel Healthcare Limited
2020244550	Polaris Industries, Inc.	2020250181	Amgen Inc.
2020244551	Kadimastem Ltd.	2020250182	Aerie Pharmaceuticals, Inc
2020244552	W. L. Gore & Associates, Inc.	2020250183	Dexcom, Inc.
2020244553	Snap-on Incorporated	2020250184	Boehringer Ingelheim International GmbH; Hydra Biosciences, LLC
2020244554	Verrica Pharmaceuticals, Inc.	2020250185	Palo Alto Research Center Incorporated; Consolidated Edison Company of New York, Inc.
2020244555	CROWN EQUIPMENT CORPORATION		Palo Alto Research Center Incorporated
2020244556	W. L. Gore & Associates, Inc.	2020250186	Omeros Corporation; University of Leicester
2020244557	VIBRANT LTD.		Palo Alto Research Center Incorporated
2020244558	kaleo, Inc.	2020250187	Novartis AG
2020244559	DEKA Products Limited Partnership	2020250188	Palo Alto Research Center Incorporated; General Electric Company
2020244560	Progressive IP Limited	2020250189	Hardfacing Industries WA Pty Ltd
2020244561	Eagle View Technologies, Inc.	2020250190	Deep Brain Innovations LLC
2020244562	IGT	2020250191	Deere & Company
2020244563	IGT	2020250192	Civitas Therapeutics, Inc.
2020244564	JACKSON ELECTRICAL INDUSTRIES LIMITED	2020250193	Axsome Therapeutics, Inc.
2020244565	NxStage Medical, Inc.	2020250194	Pulnova Medical (Wuxi) Co., Ltd.
2020244566	NxStage Medical, Inc.	2020250195	Derrick Corporation
2020244567	NxStage Medical, Inc.	2020250196	Medtronic PS Medical, Inc.
2020244568	FISHER & PAYKEL HEALTHCARE LIMITED	2020250197	CareFusion 303, Inc.
2020244569	Alfa Laval Corporate AB; Alfa Laval Spiral SAS	2020250198	INCYTE HOLDINGS CORPORATION
2020244570	Amgen Inc.	2020250199	UVLrx Therapeutics, Inc.
2020244571	ALSTOM Transport Technologies	2020250200	Allergan Industrie, SAS
2020244572	Yale University	2020250201	Janssen Biotech, Inc.
2020244575	Sanuwave, Inc.	2020250202	Ab Initio Technology LLC
2020244576	Martin, I.	2020250203	SUNTORY HOLDINGS LIMITED
2020244577	Adobe Inc.	2020250204	Zhuhai Jingdian Electronics Co. Ltd
2020244578	FUJIFILM Corporation	2020250205	Io Therapeutics, Inc
2020244579	Fisher & Paykel Healthcare Limited	2020250206	TARIS Biomedical LLC
2020244580	FUJIFILM Corporation	2020250207	Flexible Steel Lacing Company
2020244581	Imageware Systems, Inc.	2020250208	INCYTE CORPORATION
2020244583	Sandvik Intellectual Property AB	2020250209	Archer Daniels Midland Company
2020244584	Commonwealth Scientific and Industrial Research Organisation; The Boeing Company	2020250210	Schneider Electric USA, Inc.
		2020250211	SILICALIA, SL
2020244585	Life Technologies AS	2020250212	Biogen MA Inc.
2020244586	HeartFlow, Inc	2020250213	NUXCEL Limited
2020244587	Grains Research and Development Corporation; University of South Australia	2020250214	
		2020250216	
2020244588	Canon Kabushiki Kaisha	2020250217	
2020244589	Nant Holdings IP, LLC; NantCell, Inc.		

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2020250218	Korea Research Institute of Chemical Technology
2020250219	Prime Datum Development Company, LLC
2020250220	POND BIOFUELS INC.
2020250221	MICHAEL BELL ARCHITECTS PTY LTD
2020250222	Calgon Carbon Corporation
2020250223	TINNUS ENTERPRISES, LLC
2020250224	Civitas Therapeutics, Inc.

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Applications listed below were processed through the Patent Office Canberra during the period ending 13 Oct 2020 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>A, A. see M, S.P. (21) 2020102631</p> <hr/> <p>A.K, P. see Devarajan, B. (21) 2020102593</p> <hr/> <p>A. K, P. see Devarajan, B. (21) 2020102592</p> <hr/> <p>Adhithan, B. see N S, P. (21) 2020102666</p> <hr/> <p>AGGARWAL, A. see GOYAL, L. (21) 2020102569</p> <hr/> <p>Agrawal, R. see Jain, A. (21) 2020102616</p> <hr/> <p>AGRAWAL, R. see GOYAL, L. (21) 2020102569</p> <hr/> <p>Agricultural Products Processing Research Institute#China Academy of Tropical Agricultural Sciences see South Sub-tropical Crop Research Institute, China Academy of Tropical Agricultural Sciences (21) 2020102627</p> <hr/> <p>Alam, S. see N S, P. (21) 2020102666</p> <hr/> <p>Al-Beshe, A. see Kushwaha, U. (21) 2020102590</p> <hr/> <p>(71) Alvotech hf (21) 2020102677 (22) 12.10.2020 (54) Pharmaceutical formulations for adalimumab (62) 2018336826</p> <hr/> <p>(71) Anhui Yefarad Electric Co., Ltd. (21) 2020102675 (22) 12.10.2020 (54) SHOCK ABSORPTION CABLE JOINT FOR HIGH-VOLTAGE CABLE (31) 202010998022.7 (32) 21.09.20 (33) CN</p> <hr/> <p>(71) Anhui Yefarad Electric Co., Ltd. (21) 2020102676 (22) 12.10.2020</p>	<p>(54) INSULATED PROTECTION DEVICE FOR INTERMEDIATE QUICK CONNECTOR OF FLEXIBLE CABLE (31) 202010998020.8 (32) 21.09.20 (33) CN</p> <hr/> <p>(71) Apple Inc. (21) 2020102658 (22) 09.10.2020 (54) User interfaces for subscription applications (62) 2020100285</p> <hr/> <p>(71) ARCH DAY DESIGN, LLC (21) 2020102605 (22) 06.10.2020 (54) SUTURE PASSING DEVICE (62) PCT/US2019/030221</p> <hr/> <p>Arun, M.R. see N S, P. (21) 2020102666</p> <hr/> <p>Arunachalarao, K. see VTARA ENERGY GROUP PTY LTD (21) 2020102552</p> <hr/> <p>Arunmozhi, S. see Baby Maruthi, P. (21) 2020102678</p> <hr/> <p>(71) Athavale, V.A.; Sharma, S.; Tripathi, R.; Dhindsa, K.S.; Chowdary, P.S.R.; Kumar, Y.; Kaur, S.; Bedi, P.; Kumbhkar, M.; Kumar, S. (21) 2020102637 (22) 08.10.2020 (54) A TECHNIQUE FOR TRAFFIC PREDICTION AND CONGESTION CONTROL IN IOT NETWORKS USING MACHINE LEARNING</p> <hr/> <p>(71) Austin Engineering Limited (21) 2020102612 (22) 06.10.2020 (54) A BUCKET (62) 2019100585</p> <hr/> <p>(71) Baby Maruthi, P.; Gupta, V.; Giri Prasad, R.; Vijay Sankar, U.; Ramanathan, L.; Pavate, A.A.; Arunmozhi, S.; Puneeth Kumar, B.S.; Subbarayudu, C.B.V.; Kalvala, R. (21) 2020102678 (22) 12.10.2020 (54) Realistic electric load profiling system of textile mills by considering dynamic and stochastic behaviour using GAN</p> <hr/> <p>BAJPAI, B. see Kohli, R. (21) 2020102588</p>	<p>Balakrishnan, S. see Subramanian, C. (21) 2020102608</p> <hr/> <p>Balamurugan, M. see Rajasekaran, P. (21) 2020102681</p> <hr/> <p>Battase, A.P. see Hafiz, S.I.F.A. (21) 2020102646</p> <hr/> <p>Bedi, P. see Athavale, V.A. (21) 2020102637</p> <hr/> <p>Behura, A. see Muthuselvam, M. (21) 2020102606</p> <hr/> <p>(71) Beijing Institute of Technology (21) 2020102603 (22) 06.10.2020 (54) National multi-reign low-carbon policy design and planning the best way to achieve optimal economic growth</p> <hr/> <p>(71) Bhambe, B. (21) 2020102586 (22) 03.10.2020 (54) A PROCESS FOR SYNTHESIS OF ZINC OXIDE NANO-PARTICLES (31) 202021021014 (32) 19.05.20 (33) IN</p> <hr/> <p>Bhardwaj, A. see Jain, A. (21) 2020102616</p> <hr/> <p>Bhardwaj, R.J. see Jain, V. (21) 2020102635</p> <hr/> <p>Bharti, P.K. see Pathak, R.K. (21) 2020102614</p> <hr/> <p>Bhoi, A. see MOHAMMED, A. (21) 2020102642</p> <hr/> <p>Bhoi, P.B. see MOHAMMED, A. (21) 2020102642</p> <hr/> <p>(71) Blackley, D.J. (21) 2020102688 (22) 12.10.2020 (54) SYSTEM AND METHOD FOR STORING AND DEPLOYING A COVER</p> <hr/> <p>(71) Boehringer Ingelheim Vetmedica GmbH (21) 2020102685 (22) 12.10.2020</p>
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(54) Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease
(62) 2017245601

Bonde, P. see Kumar, S.
(21) 2020102636

(71) Broughton, N.
(21) 2020102645 (22) 08.10.2020
(54) Body boarding, body surfing fin / flipper. "MAALI" filed for registered trademark with IP Australia. The design features enhance control and overall function by (a) two stabilizing dorsal fins that extend from the top of the fin.(b)shape inspired by nature a Australian native swans's foot. (c) use of a unique rubber composite that increases buoyancy, decreases weight and provides better comfort.

(71) Carew-Hopkins, B.
(21) 2020102644 (22) 08.10.2020
(54) Online Artwork gallery Systems And Methods
(62) 2017231090

(71) Carlton, D.
(21) 2020102655 (22) 09.10.2020
(54) A method and apparatus for a buyer-centric eCommerce marketplace

CHAMAKERI, P.H. see JADHAV, J.
(21) 2020102643

(71) Changsha University of Science and Technology
(21) 2020102570 (22) 02.10.2020
(54) HIGH-EFFICIENCY FILM-FORMING WATER DISTRIBUTOR FOR EVAPORATIVE COOLER
(31) 201911334510.1 (32) 24.12.19 (33) CN

Chaudhary, A. see Kumar, S.
(21) 2020102636

(71) Chen, J.N.J.
(21) 2020102607 (22) 06.10.2020
(54) A foldable play table

Cheng, Q. see Gao, J.
(21) 2020102622

(71) China Coal Technology Engineering Group Chongqing Research Institute
(21) 2020102687 (22) 12.10.2020

(54) Safety Protection Method for the Ultra-high Pressure Hydraulic Slotting Device

(71) China University of Geosciences, Beijing
(21) 2020102596 (22) 05.10.2020
(54) Simulation Device For Research On Carbonate Sedimentary Reservoirs
(31) 201911179670.3 (32) 26.11.19 (33) CN

CHINNADURAI, V. see JADHAV, J.
(21) 2020102643

CHINNASAMY, A. see JAICHANDRAN, R.
(21) 2020102663

Chordiya, S.B. see Pathak, R.K.
(21) 2020102614

Chordiya, S.B. see Kumar, S.
(21) 2020102636

Chowdary, P.S.R. see Athavale, V.A.
(21) 2020102637

(71) CJRC PTY LTD
(21) 2020102594 (22) 05.10.2020
(54) High-Frequency & Ultrasonic Sound Meter

(71) Cui, L.
(21) 2020102587 (22) 03.10.2020
(54) The disposable paper coffee cup ideas. 4U paper coffee cup. My paper cup can be used as an advertising carrier for businesses. Each paper cup collects the trademarks of five(or more or less) businesses in different fields. it can also include government departments of charities and non-profit organizations. We provide typesetting and charge advertising fees for businesses that need to advertise. Our paper cups will be provided to small/sole coffee suppliers for free because the advertisers have already given the advertising fees. This can help small coffee suppliers save costs.

D, J.D.J. see Devarajan, B.
(21) 2020102593

D., J. see K, H.
(21) 2020102727

D. Ganvir, K. see Jain, V.
(21) 2020102635

Daqo Group Co., Ltd. see Nanjing Daqo Electrical Institute Co., Ltd.
(21) 2020102653

Daqo Group Co., Ltd. see Nanjing Daqo Electrical Institute Co., Ltd.
(21) 2020102654

Desalegn, T. see Murthy, H.C.A.
(21) 2020102620

(71) Devarajan, B.; A. K, P.; J, V.; J, T.
(21) 2020102592 (22) 05.10.2020
(54) Method of synthesising hybrid metal sand composite and 3D Printing thereof for construction application

(71) Devarajan, B.; A.K, P.; M.R, A.; G, S.P.; D, J.D.J.; R, G.; Srinagesh, A.; Muthukrishnan, P.
(21) 2020102593 (22) 05.10.2020
(54) Flying vehicle abetted additive manufacturing

(71) Devarajan, B.; M.R, A.; S, R.; Srinagesh, A.; V, A.; R, B.; Y.P, A.T.; S, M.; M.R, S.
(21) 2020102660 (22) 09.10.2020
(54) Enhancement of security in IOT Network System using Overlay Network Logical Nodes (ONLN)

Devi, M.R. see Kumari, D.A.
(21) 2020102665

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(21) 2020102588

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Dwivedi, R.K. see Jain, A.
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(71) El Ammar, H.
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(54) The disclosed ductulator is a professional duct sizer that is capable of calculating duct size given air flow and either friction loss or velocity and also can calculate friction loss and velocity given air flow and duct size. This ductulator can perform the above mentioned calculations for an unlimited number of ducts on the same platform, on the same page and lists all the ducts with their corresponding calculation in a table that can be printed, saved as pdf and exported to excel workbook. The project data can be saved and ac-

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R, E. see MOORTHY, V.
(21) 2020102647

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(21) 2020102660

Raja, R. see Kumar, S.
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(71) Rajasekaran, P.; Gupta, S.L.; Balamurugan, M.; Gupta, V.; Sharma, M.; Usha Kumari, C.; Pavani, T.; Marimuthu, K.; Valli, R.; Ponnusamy, S.
(21) 2020102681 (22) 12.10.2020
(54) EFFECTIVE COMMUNICATION SYSTEM FOR DISABLED PERSONS USING NEURO SIGNALS

Raju, D. see Muthuselvam, M.
(21) 2020102606

Ramanathan, L. see Baby Maruthi, P.
(21) 2020102678

(71) Ramirez, A.
(21) 2020102585 (22) 02.10.2020
(54) Sanitation system through Eucalyptus properties in partnership with humification process.

RAMPURE, P.B. see JADHAV, J.
(21) 2020102643

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(21) 2020102636

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(21) 2020102665

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(21) 2020102643

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(21) 2020102606

Rathina Sabapathi, P. see Sampath Kumar, K.
(21) 2020102667

(71) Razer (Asia-Pacific) Pte. Ltd.
(21) 2020102639 (22) 08.10.2020
(54) Input device

Reddy, L.V. see Jain, V.
(21) 2020102635

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(21) 2020102667

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(21) 2020102727

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(21) 2020102727

Sahu, O.P. see Pathak, R.K.
(21) 2020102614

Sakhare, S.R. see Patil, S.P.
(21) 2020102615

(71) Salunke, N.
(21) 2020102623 (22) 07.10.2020
(54) "Apparatus, System and Method for actuating a Tool"
(31) 2019903831 (32) 11.10.19 (33) AU

(71) Sampath Kumar, K.; Ganesh Kumar, T.; T I, M.; Paul, V.; George, T.; Gururama Senthilvel, P.; Rishi, P.; Srinivasan, S.; Partheeban, N.; Rathina Sabapathi, P.
(21) 2020102667 (22) 11.10.2020
(54) ADVERSARIAL TRAINING FOR LARGE SCALE HEALTHCARE DATA USING MACHINE LEARNING SYSTEM

SAMUNDESWARI, S. see JAICHANDRAN, R.
(21) 2020102663

Sana, S.S. see Pothuraju, R.D.
(21) 2020102595

Santhanam, P. see Muthuselvam, M.
(21) 2020102606

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(21) 2020102615

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(21) 2020102614

Satapathy, S.K. see MOHAMMED, A.
(21) 2020102642

(71) Sayers, J.
(21) 2020102617 (22) 06.10.2020
(54) The stock exchange innovation allows a single ASX 200 enterprise through a share holding access to new enterprise endeavours they cannot by themselves. Example no one enterprise would take on the Mag Lev financially nor risk. But together as shareholders in one enterprise they can do anything as the new enterprise is not bound to anyone sector.

(71) SCF Group Pty Ltd
(21) 2020102565 (22) 01.10.2020
(54) INTEGRATED TANK VALVE CONTROL
(31) 2019904348 (32) 19.11.19 (33) AU
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Senthil, G. see Subramanian, C.
(21) 2020102608

(71) Sentry Medical Pty Ltd
(21) 2020102581 (22) 02.10.2020

(54) Face mask

Shaik, M. see MOHAMMED, A.
(21) 2020102642

(71) Shanghai Institute of Technology
(21) 2020102566 (22) 01.10.2020
(54) HIGH POWER DENSITY ULTRA-EFFICIENT PERMANENT MAGNET SYNCHRONOUS MOTOR

(71) Shanxi Datong University
(21) 2020102621 (22) 07.10.2020
(54) Wireless power transmission device

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(21) 2020102584 (22) 02.10.2020
(54) AN ASPHALT-DERIVED MAGNETIC CARBON SPHERES WITH MULTIPLE CORES IN ONE SHELL STRUCTURE AND PREPARATION METHOD THEREOF

(71) Shenzhen Xingqiling Food Technology Co., Ltd.
(21) 2020102669 (22) 12.10.2020
(54) VEGETABLE ROAST BEEF FLAVOR MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF
(31) 202010759131.3 (32) 31.07.20 (33) CN

(71) Shihezi University
(21) 2020102670 (22) 12.10.2020
(54) Applications of ABC Transport Proteins in Agricultural Spider Mite Control and Bt Resistance Management

(71) Shikata, Y.
(21) 2020102649 (22) 09.10.2020
(54) Adjustable Anti-Lost Earrings for wireless earphone

Shukla, A.P. see Jain, A.
(21) 2020102616

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(21) 2020102577 (22) 02.10.2020
(54) A utility feeding equipment with a heating and stirring structure for geese

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(54) A utility feeding equipment capable of weight screening for geese

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(54) Indirect ELISA Detection Method and Application of DHAV-3 Antibody Based on VP2 or VP4 Recombinant Protein Antigen

(71) Sichuan Agricultural University
(21) 2020102679 (22) 12.10.2020
(54) Kit and Method for Detecting Duck HAV by Double TaqMan Fluorescence Quantitative RT-PCR

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(71) SONI, M.; S, G.; S, S.K.; Nandlal Maheshwari, S.K.; Patro, R.R.; Patro, R.; Singh, K.; Lunagarra, M.; Nigam, U.
(21) 2020102648 (22) 08.10.2020
(54) Method for Energy Efficient Communication in Heterogeneous IoT Networks

(71) South Subtropical Crop Research Institute, China Academy of Tropical Agricultural Sciences; Agricultural Products Processing Research Institute#China Academy of Tropical Agricultural Sciences
(21) 2020102627 (22) 07.10.2020
(54) Latex foaming sponge capable of promoting sleep and preparation method and application thereof

Srinagesh, A. see Devarajan, B.
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(71) Stoked Stainless Limited
(21) 2020102638 (22) 08.10.2020
(54) A Stainless Steel Pool and Method of Making the Same
(31) 2020902109 (32) 24.06.20 (33) AU

(71) STRANGE, W.
(21) 2020102575 (22) 02.10.2020
(54) CENTRE BYPASS MUD HAMMER

Subbarayudu, C.B.V. see Baby Maruthi, P.
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(54) Next Generation Framework for Smart building monitoring using 6LoWPAN

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(21) 2020102665

(71) Summarwar, S.; Kumar, H.; Yadav, K.P.
(21) 2020102680 (22) 12.10.2020
(54) A METHODOLOGY FOR SPECIES VALIDATION OF MAHSEER POPULATIONS

Surya Kumari, P.L. see Jain, V.
(21) 2020102635

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(71) Tapia Echanove, G.; Tapia Echanove, G.
(21) 2020102589 (22) 04.10.2020
(54) The invention related to a quick/side release plastic buckle integrated with an LED (Light Emitting Diode[s]) light-emitting device that offers enhanced visibility, and safety of the pet during nighttime and low light environments.

(71) Techtronic Cordless GP
(21) 2020102604 (22) 06.10.2020
(54) Switch for power tool
(31) 201911173254.2 (32) 26.11.19 (33) CN

(71) The Leisure Collective International Pty Ltd
(21) 2020102579 (22) 02.10.2020
(54) Tethering accessory for water-sports board or water recreation board
(62) 2017220383

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(71) Tianjin University
(21) 2020102624 (22) 07.10.2020
(54) Four-Membered Ring Aerospace Fuel Synthesized by Norbornene and Norbornene Homologue and Preparation Method by Heterogeneous Photocatalytic Cyclization and Use Thereof
(31) 202010126175.2 (32) 21.02.20 (33) CN

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(71) TSEN, C.
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(71) University of Science and Technology Beijing
(21) 2020102567 (22) 01.10.2020
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(71) Vemu Institute of Technology
(21) 2020102625 (22) 07.10.2020
(54) A Novel method for Electricity Backup with Super capacitors for Television

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(21) 2020102626 (22) 07.10.2020
(54) Design of Progressive Tools

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(54) Secure Smart Health Care System and Analytics through Wireless Sensor Networks

(71) Vemu Institute of Technology
(21) 2020102634 (22) 07.10.2020
(54) IoT Enabled Network for IoT Devices to Handle Attack through DeepLearning Approach

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(71) VTARA ENERGY GROUP PTY LTD; Stephens, C.; Arunachalarao, K.; YALAMANCHILI, B.
(21) 2020102552 (22) 01.10.2020
(54) An Integrated Digital Cloud based Management, Financial, Operational, and Supply chain platform for agility, efficiency, sustainability and profitability.

(71) Wang, X.
(21) 2020102682 (22) 12.10.2020
(54) A prediction method of skarn deposit based on hyperspectral remote sensing images

(71) Wu, J.
(21) 2020102597 (22) 05.10.2020
(54) Foot Control Pedestrian Crossing Button

(71) WUHAN UNIVERSITY
(21) 2020102602 (22) 06.10.2020
(54) VISUAL EXPERIMENTAL METHOD FOR SAND EROSION OF FLOW PASSAGE PART OF HYDRAULIC MACHINERY

(71) Xi ' an university of technology
(21) 2020102583 (22) 02.10.2020
(54) Multi-head cooperative cell 3D printing device

(71) Xinxiang Shuidi Network Technology Co., Ltd.
(21) 2020102664 (22) 10.10.2020
(54) Keyboard

Y.P, A.T. see Devarajan, B.
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(71) Z.K RICHARDSON-LEITMANN & R.N SIGLEY-MUELLER & N VAN DER HEIJDEN
(21) 2020102611 (22) 06.10.2020
(54) Grey Skyale Filter #1

Zhenjinag Klockner-Moeller Electrical Systems Co., Ltd. see Nanjing Daqo Electrical Institute Co., Ltd.
(21) 2020102654

(71) Zhongshan Institute of Modern Industrial Technology of SCUT; Zhongshan Supersense Tech. Ltd
(21) 2020102578 (22) 02.10.2020
(54) A FLEXIBLE DRY ELECTRODE WITH LOW CONTACT IMPEDANCE AND ITS PREPARATION METHOD

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2020102563	Northwest A&F University; Pucheng Qunfeng Fruit Co.,Ltd	2020102616	Jain, A.; Kumar, A.; Shukla, A.P.; Dwivedi, R.K.; Garg, H.; Bhardwaj, A.; Yadav, P.K.; Singh, S.; Singh, S.; Agrawal, R.
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2020102565	SCF Group Pty Ltd	2020102618	M, G.; S, R.; J, S.; H, P.S.; N, N.; M, M.; N, N.K.
2020102566	Shanghai Institute of Technology	2020102619	KIM, B.O.
2020102567	University of Science and Technology Beijing	2020102620	Murthy, H.C.A.; Desalegn, T.
2020102568	Paynter, J.J.	2020102621	Shanxi Datong University
2020102569	GOYAL, L.; MITTAL, M.; AGRAWAL, R.; SHARMA, S.; AGGARWAL, A.	2020102622	Gao, J.; Cheng, Q.
2020102570	Changsha University of Science and Technology	2020102623	Salunke, N.
2020102571	Progressive IP Limited	2020102624	Tianjin University
2020102572	Guizhou University	2020102625	Vemu Institute of Technology
2020102573	Marl Wellness Research and Development Pty Ltd	2020102626	Vemu Institute of Technology
2020102574	Institute of Fruit and Floriculture Research, Gansu Academy of Agricultural Sciences	2020102627	South Subtropical Crop Research Institute, China Academy of Tropical Agricultural Sciences; Agricultural Products Processing Research Institute#China Academy of Tropical Agricultural Sciences
2020102575	STRANGE, W.	2020102628	Northwestern Polytechnical University
2020102576	North China Electric Power University	2020102629	Five At Heart International Pty Ltd
2020102577	Sichuan Agricultural University	2020102630	North China Electric Power University
2020102578	Zhongshan Institute of Modern Industrial Technology of SCUT; Zhongshan Supersense Tech. Ltd	2020102631	M, S.P.; M, M.; Jain, P.; N, P.; Udayakumar, S.; T, S.; A, A.
2020102579	The Leisure Collective International Pty Ltd	2020102632	Vemu Institute of Technology
2020102580	Sichuan Agricultural University	2020102633	Next Medicine Co., Ltd.
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2020102582	Llance & Lain Investments Pty Ltd	2020102635	Jain, V.; Mandala, J.; Kulkarni, A.; Vinodkumar, C.R.; Vatti, R.; Bhardwaj, R.J.; D. Ganvir, K.; Reddy, L.V.; Surya Kumari, P.L.; Kumar Srivastava, P.
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2020102584	Shenzhen Rutan New Material Technology Co., Ltd.	2020102637	Athavale, V.A.; Sharma, S.; Tripathi, R.; Dhindsa, K.S.; Chowdary, P.S.R.; Kumar, Y.; Kaur, S.; Bedi, P.; Kumbhkar, M.; Kumar, S.
2020102585	Ramirez, A.	2020102638	Stoked Stainless Limited
2020102586	Bharambe, B.	2020102639	Razer (Asia-Pacific) Pte. Ltd.
2020102587	Cui, L.	2020102640	Qilu University of Technology
2020102588	Kohli, R.; S, S.; Kumar, Y.; S, G.; SONI, M.; Singar, C.P.; Gupta, S.; Dhiman, G.; BAJPAI, B.; Nair, R.	2020102641	Qilu University of Technology
2020102589	Tapia Echanove, G.; Tapia Echanove, G.	2020102642	MOHAMMED, A.; Bhoi, A.; Mallick, P.K.; Panigrahi, R.; Priyadarshi, N.; Satapathy, S.K.; Mishra, S.; Naga Srinivasu, P.; Bhoi, P.B.; Shaik, M.
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2020102591	El Ammar, H.	2020102644	Carew-Hopkins, B.
2020102592	Devarajan, B.; A. K, P.; J, V.; J, T.	2020102645	Broughton, N.
2020102593	Devarajan, B.; A.K, P.; M.R, A.; G, S.P.; D, J.D.J.; R, G.; Srinagesh, A.; Muthukrishnan, P.	2020102646	Hafiz, S.I.F.A.; Mohiuddin, M.Z.; Farooqui, M.A.; Battase, A.P.; Khan, A.M.; Gaikwad, A.A.; Munde, S.V.
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2020102595	Pothuraju, R.D.; Sana, S.S.; Gangadhar, L.; nalluri, A.; Putti venkata Siva, T.	2020102648	SONI, M.; S, G.; S, S.K.; Nandlal Maheshwari, S.K.; Patro, R.R.; Patro, R.; Singh, K.; Lunagarla, M.; Nigam, U.
2020102596	China University of Geosciences, Beijing	2020102649	Shikata, Y.
2020102597	Wu, J.	2020102650	Nguyen Huynh, S.
2020102598	PRODUCTION IMAGING PTY LTD	2020102651	MOOV TECHNOLOGIES (AUSTRALIA) PTY LTD
2020102599	Sichuan Agricultural University	2020102652	North China University of Science and Technology
2020102600	Nanjing Institute of Technology	2020102653	Nanjing Daqo Electrical Institute Co., Ltd.; Daqo Group Co., Ltd.; Nanjing Daqo Electric Co., Ltd.
2020102601	Hengyang Normal University	2020102654	Nanjing Daqo Electrical Institute Co., Ltd.; Daqo Group Co., Ltd.; Nanjing Daqo Electric Co., Ltd.; Zhenjinag Klockner-Moeller Electrical Systems Co., Ltd.
2020102602	WUHAN UNIVERSITY	2020102655	Carlton, D.
2020102603	Beijing Institute of Technology	2020102657	Professional Built Group Pty Ltd
2020102604	Techtronic Cordless GP	2020102658	Apple Inc.
2020102605	ARCH DAY DESIGN, LLC	2020102659	Fortisco Pty Ltd
2020102606	Muthuselvam, M.; Premkumar, M.; Kamalraj, R.; Santhanam, P.; Kumar, B.P.; Mubeen, S.; Rathee, N.; Raju, D.; Karunakaran, S.; Behura, A.		
2020102607	Chen, J.N.J.		
2020102608	Subramanian, C.; Balakrishnan, S.; Qureshi, H.M.; Goyal, A.; Kaushik, S.; Marimuthu, K.; Varma, P.S.; Srinivas, Y.; Karunakaran, S.; Senthil, G.		
2020102609	McIntosh, D.J.		
2020102610	Firebrick Pharma Pty Ltd		
2020102611	Z.K RICHARDSON-LEITMANN & R.N SIGLEY-MUELLER & N VAN DER HEIJDEN		
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2020102661	Moke, C.	2020102677	Alvotech hf
2020102662	GARIMELLA, R.C.; MADETI, S.R.	2020102678	Baby Maruthi, P.; Gupta, V.; Giri Prasad, R.; Vijay Sankar, U.; Ramanathan, L.; Pavate, A.A.; Arunmozhi, S.; Puneeth Kumar, B.S.; Subbarayudu, C.B.V.; Kalvala, R.
2020102663	JAICHANDRAN, R.; KARUNKUZHALI, D.; MEENAKSHI, B.; PERIASAMY, J.; CHINNASAMY, A.; KAVITHA, V.; JEGAN AMARNATH, J.; MANIMALA, G.; NITHYA, M.; SAMUNDESWARI, S.	2020102679	Sichuan Agricultural University
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2020102667	Sampath Kumar, K.; Ganesh Kumar, T.; T I, M.; Paul, V.; George, T.; Gururama Senthilvel, P.; Rishi, P.; Srinivasan, S.; Partheeban, N.; Rathina Sabapathi, P. Lenon, A.	2020102683	Institute of Zoology, Chinese Academy of Sciences
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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
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

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

- N Applications not Open to Public Inspection

1995

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Assignments before Grant, Section 113

2016

2016211208 Glasgow, David; Pollard, Gary; Verga, Frank; Pазis, Jason; Buda, Paul; Schneider Electric USA, Inc.; Brown, Scott; Turner, Larry The application has been assigned to **Schneider Electric USA, Inc.**

2016257636 Smart Wave Technologies Corp. The application has been assigned to **SMART WAVE TECHNOLOGIES, INC.**

2017

2017225908 NewSouth Innovations Pty Limited The application has been assigned to **Qingdao Xin Shi Gang Technology Industry Co Ltd**

2017281038 Radius Health, Inc. The application has been assigned to **Radius Pharmaceuticals, Inc.**

2017336564 Radius Health, Inc. The application has been assigned to **Radius Pharmaceuticals, Inc.**

2017369634 Anheuser-Busch InBev S.A. The application has been assigned to **Bedford Systems LLC**

2017369636 Anheuser-Busch InBev S.A. The application has been assigned to **Bedford Systems LLC**

2017369687 Anheuser-Busch InBev S.A. The application has been assigned to **Bedford Systems LLC**

2017369688 Anheuser-Busch InBev S.A. The application has been assigned to **Bedford Systems LLC**

2017369690 Anheuser-Busch InBev S.A. The application has been assigned to **Bedford Systems LLC**

Assignments before Grant, Section 113

2018

2018214117 Freestyle Technology Limited The application has been assigned to **X2M Connect Limited**

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

2018390914 Nutri-Ad International N.V. The application has been assigned to **NutriAd International**

2019

2019202024 Linhai Shengzhi Cup Industry Co., Ltd. The application has been assigned to **Jining Qikang Packaging Co., Ltd.**

2019202276 Ihrke, Thomas James; Poviva Corp.; Bunka, Christopher; Docherty, John The application has been assigned to **Poviva Corp.**

2019202300 Poviva Corp.; Bunka, Christopher; Docherty, John; Ihrke, Thomas The application has been assigned to **Poviva Corp.**

2019202710 Ningbo Ou Tai Jin Stationery Co., Ltd. The application has been assigned to **Jining Qikang Packaging Co., Ltd.**

2019212646 Knitmasters, LLC The application has been assigned to **Ecofibre Limited**

2019216461 Purple Line Limited The application has been assigned to **Opus RV Pty Ltd**

2019216462 Purple Line Limited The application has been assigned to **Opus RV Pty Ltd**

2019252255 Mars Sciences Limited; Ge, Yu The application has been assigned to **Mars Sciences Limited**

2020

2020205272 Poviva Corp.; Bunka, Christopher Andrew; Docherty, John; Ihrke, Thomas James The application has been assigned to **Poviva Corp.**

2020207796 Poviva Corp.; Bunka, Christopher Andrew; Docherty, John; Ihrke, Thomas James The application has been assigned to **Poviva Corp.**

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.

2004

2004200942 **Director-General of the Department of Infrastructure, Planning and Natural Resources** An application to extend the time from 05 Mar 2020 to 05 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2005

2005200464 **Williams, D.** An application to extend the time from 04 Feb 2020 to 04 Sep 2020 in which to pay the renewal fee has been filed . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2009

2009234625 **Korea Advanced Institute of Science and Technology** An application to extend the time from 05 Mar 2020 to 05 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Mad-derns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2011

2011310480 **Director General, Defence Research & Development Organisation** An application to extend the time from 06 May 2019 to 06 May 2020 in which to pay the renewal fee has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2017

2017203027 **HIBM Research Group, Inc.** An application to extend the time from 01 Feb 2020 to 01 Oct 2020 in which to pay the renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018288029 **SICHUAN BAILI PHARM CO. LTD** An application to extend the time from 19 Jan 2020 to 19 Aug 2020 in which to enter the national phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018372323 **Jushi Group Co., Ltd.** An application to extend the time from 13 Sep 2020 to 13 Jan 2021 in which to gain acceptance has been filed . Address for service - Pipers Intellectual Property PO Box 5298 Imagetext House 3 Owens Road Auckland Auckland 1141 NZ

2019

2019203870 **Phoenix Product Development Limited** An application to extend the time from 01 Mar 2020 to 01 Oct 2020 in which to pay the continuation fee has been filed . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2019206016 **CushCore, Inc.** An application to extend the time from 15 Mar 2020 to 15 Oct 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019222873 **Amplifier Marketing Pty Limited** An application to extend the time from 27 Jan 2020 to 27 Aug 2020 in which to pay the continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)

2007

2007275580 **Genera Istrazivanja d.o.o.** The time in which to pay a renewal fee has been extended to 23 Jul 2020 . Address for service - Cot-ters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

Extensions of Time, Section 223

2008

2008338251 **Conplant Pty Limited** The time in which to pay the renewal fee has been extended to 17 Jul 2020 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

2010

2010315655 **Ethicon, LLC** The time in which to pay a renewal fee has been extended to 21 May 2020 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

2012

2012328876 **Sprague, G.; C.R. Laurence Company Inc.** The time in which to pay the renewal fee has been extended to 24 May 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013206494 **Conplant Pty Limited** The time in which to pay the renewal fee has been extended to 17 Jul 2020 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2015

2015236099 **Innotas** The time in which to gain acceptance has been extended to 19 Mar 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2015250132 **Questa Corporation** The time in which to gain acceptance and pay the continuation fee has been extended to 15 Dec 2020 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2015252949 **Anterios, Inc.** The time in which to gain acceptance has been extended to 22 Jan 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015390108 **Kop-Coat, Inc.** The time in which to gain acceptance and pay the continuation extended to 06 Nov 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016

2016213856 **Soul, S.** The time in which to request examination has been extended to 19 Jan 2021 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2016228955 **Concave Global Pty Ltd** The time in which to gain acceptance has been extended to 29 Jan 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016238571 **Pelican Healthcare Limited** The time in which to gain acceptance has been extended to 18 Jan 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2016260916 **KVG Quartz Crystal Technology GmbH** The time in which to gain acceptance has been extended to 01 Feb 2021 . Address

Extensions of Time, Section 223

for service - KVG Quartz Crystal Technology GMBH Allen & Associates C/- Brent Gibson 906/80 Clarendon St Southbank VIC 3006 AU

2016324166 **Omicia, Inc.; University of Utah** The time in which to request examination has been extended to 04 Feb 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017

2017203521 **Xirasol Pty Ltd** The time in which to gain acceptance has been extended to 02 Jul 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2017207388 **Kavi Associates, LLC** The time in which to request examination has been extended to 28 Oct 2020 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2017211781 **ICAT LLC** The time in which to request examination has been extended to 28 Oct 2020 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2017339435 **Schenck Process LLC** The time in which to gain acceptance has been extended to 18 Jan 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018279017 **Xirasol Pty Ltd** The time in which to gain acceptance has been extended to 24 Jun 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2019

2019201414 **Environmental Management Confederation, Inc.** The time in which to pay the continuation fee has been extended to 19 Jun 2020 . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

2019204833 **Northeastern Ohio Medical University** The time in which to gain acceptance has been extended to 12 Mar 2021 . Address for service - ACROGON GROUP PTY LTD PO Box 1210 Cronulla NSW 2230 AU

2019231130 **FRACTAL INDUSTRIES, INC.** The time in which to enter the national phase has been extended to 04 Nov 2020 . Address for service - Walker IP PO Box 637 South Melbourne VIC 3205 AU

2020

2020204437 **Antenna World Inc.** The time in which to claim the convention priority date has been extended to 13 Jul 2020 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

Amendments

Applications for Amendment

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

Amendments

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.

2009

2009347084 System, method and capsule for preparing a beverage **Koninklijke Douwe Egberts B.V.** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012322660 Pyrazol-3-ones that activate pro-apoptotic BAX **Dana Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read Walensky, Loren D. and Gavathiotis, Evripidis . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016

2016395426 A softener composition **Kemira Oyj** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017202612 Compositions and methods for in-situ macro-encapsulation treatment of friable asbestos fibers generated by trenchless pipe bursting of asbestos cement pipe **Ambler, E.** The nature of the amendment is: Add applicant Boyd Tech, Inc. and add inventor Boyd, Samuel James . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2017228527 PYRAZOL-3-ONES THAT ACTIVATE PRO-APOPTOTIC BAX **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read Walensky, Loren D. and Gavathiotis, Evripidis . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Amendments Made

2004

2004243789 **Grasslanz Technology Limited** The nature of the amendment is as shown in the statement filed 09 Apr 2020

2008

2008200775 **Grasslanz Technology Limited** The nature of the amendment is as shown in the statement filed 09 Apr 2020

2014

2014324703 **Genentech, Inc.** The nature of the amendment is as shown in the statement filed 10 Jul 2020

2015

2015209481 **Dyax Corp.** The nature of the amendment is as shown in the statement filed 23 Jul 2020

2015230668 **Yorid Pty Ltd** The nature of the amendment is as shown in the statement filed 28 Sep 2020

Amendments

2015241004 **The Coca-Cola Company** The nature of the amendment is: Amend the name of the inventor to read Carpenter, Gregg; Newman, David Roy; Rudick, Arthur G.; Joshi, Anisha; Slagley, David O. and Hopkins, Michael Edward

2015316472 **Chronos Therapeutics Limited** The nature of the amendment is as shown in the statement filed 09 Jul 2020

2015358532 **Genentech, Inc.** The nature of the amendment is as shown in the statement filed 20 Jul 2020

2016

2016427834 **Google LLC** The nature of the amendment is as shown in the statement filed 16 Jul 2020

2017

2017234380 **Piling and Concreting Australia (PCA) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Herse, Allan John and Bollman, Robert Michael

2017235611 **Eberhard Karls Universitaet Tuebingen Medizinische Fakultae** The nature of the amendment is: Amend the name of the inventor to read Schindler, Michael; Codrea, Marius; Nahnsen, Sven; Koppensteiner, Herwig; Jung, Gundram and Hofmann, Martin

2017301292 **Tech Corporation Co., Ltd.** The nature of the amendment is as shown in the statement filed 06 Jul 2020

2017313044 **Visual Physics, LLC** The nature of the amendment is as shown in the statement filed 22 Jul 2020

2017326703 **Pulse Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2020

2018

2018201916 **Lantheus Medical Imaging, Inc.** The nature of the amendment is as shown in the statement filed 10 Jul 2020

2018211735 **Astellas Pharma Inc.** The nature of the amendment is: Amend the invention title to read PHENYLDIFLUOROMETHYL-SUBSTITUTED PROLINAMIDE COMPOUND

2018232952 **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement filed 20 Jul 2020

2018253476 **Dyax Corp.** The nature of the amendment is as shown in the statement filed 20 Jul 2020

2018264062 **Stryker Corporation** The nature of the amendment is: Amend the name of the inventor to read Lambarth, Clifford Edwin; Wroblewski, Jason James; Naber, Brandon David; Dacey, Alfred James; Puvogel, Thomas Alan and Lucas, Ross Timothy

2018264113 **Bucher Municipal Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102190

2018280465 **Haier Smart Home Co., Ltd.** The nature of the amendment is: Amend the invention title to read Thawing method for thawing device

Amendments

2018287863 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2018102191

2018415667 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read VIDEO RECORDING METHOD AND ELECTRONIC DEVICE

2018418453 **South China University of Technology** The nature of the amendment is: Amend the invention title to read METHOD FOR FRACTIONATION OF CELLULOSE BY MICROCHANNEL

2019

2019101494 **Tjandra, S.** The nature of the amendment is: Amend the priority details to read CN201910224690.1 23 Mar 2019 CN

2019231257 **Avedro, Inc.** The nature of the amendment is: Amend the name of the inventor to read ADLER, Desmond Christopher; USHER, David and SMIRNOV, Mikhail Z.

2019233612 **Janssen Pharmaceutica NV** The nature of the amendment is: Amend the name of the inventor to read EBNETH, Andreas; VAN OUTRYVE D'YDEWALLE, Constantin; GRYAZNOV, Sergei; MARTINEZ MONTERO, Saúl; RAJWANSHI, Vivek Kumar and BEIGELMAN, Leonid

2019247064 **Novoluto GmbH** The nature of the amendment is: Amend the invention title to read Device for stimulating the clitoris using a variable pressure field and method for generating a variable pressure field

2019248309 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND APPARATUS

2019253406 **Dainihon Jochugiku Co., Ltd.** The nature of the amendment is: Amend the invention title to read Insect pest repellent and insect pest repellent product

2020

2020101726 **University of South China; Xinjiang Tianshan Uranium Co.,Ltd.CNNC** The nature of the amendment is: Amend the invention title to read A method of rapid oxidating Fe²⁺ from uranium leachate at low temperature in-situ leaching system by psychrophilic acidophilic bacteria

2020102421 **Suzhou Vocational Health College** The nature of the amendment is: Amend the priority details to read PCT/CN2020/108835 13 Aug 2020 CN

2020203587 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MOUSSETTE, Camille; KERR, Duncan R.; KOPIN, Joshua B.; HE, Miao; FENNIS, Jules K.; VERWEIJ, Hugo D.; BROWN, Matthew I.; ALONSO RUIZ, Marcos; FAMILY, Afrooz; LERNER, Mitchell R.; PERSSON, Per Håkan Linus; MALIA, Joseph A. and MOUILLESEAU, Jean-Pierre M.

2020244517 **Chugai Seiyaku Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read ANTIBODIES COMPRISING AN ION CONCENTRATION DEPENDENT ANTIGEN-BIND-

Amendments

ING DOMAIN, FC REGION VARIANTS, IL-8-BINDING ANTIBODIES, AND USES THEREOF

2020903432 **HICKSON, B.; HICKSON, J.F.** The nature of the amendment is: Amend the invention title to read SOLAR POWERED WIRELESS EFFLUENT LEVEL WARNING ALARM

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

2005

2005240203 EntIT Software LLC The name of the patentee has been altered to **Micro Focus LLC**

2007

2007216793 Arconic Global Fasteners & Rings, Inc. The name of the patentee has been altered to **Howmet Global Fastening Systems Inc.**

2007308830 EntIT Software LLC The name of the patentee has been altered to **Micro Focus LLC**

2008

2008311195 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2009

2009324275 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2011

2011201575 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2011267928 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2011268017 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2013

2013290484 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2014

2014287260 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2015

2015101740 Magnis Resources Limited The name of the patentee has been altered to **Magnis Energy Technologies Ltd**

2015205966 Hunter Douglas Industries B.V The name of the patentee has been altered to **Hunter Douglas Industries B.V.**

2016

2016238852 Safran Identity & Security The name of the applicant has been altered to **Idemia Identity & Security France**

Amendments

2017

2017206051 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2017249595 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2017257559 Arconic Inc. The name of the patentee has been altered to **Howmet Aerospace Inc.**

2017386658 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2017388532 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2017388535 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2018

2018212270 Guangzhou Ocusun Ophthalmic Biotechnology Co., Ltd. The name of the applicant has been altered to **Guangzhou Ocusun Ophthalmic Biotechnology Co., Ltd.**

2018234810 Pandion Therapeutics, Inc. The name of the applicant has been altered to **Pandion Operations, Inc.**

2018260547 Ascus Biosciences, Inc. The name of the applicant has been altered to **Native Microbials, Inc.**

2018273914 Pandion Therapeutics, Inc. The name of the applicant has been altered to **Pandion Operations, Inc.**

2018306463 iTeos Therapeutics SA The name of the applicant has been altered to **iTeos Belgium SA**

2018349279 Compass Pathways Limited The name of the applicant has been altered to **Compass Pathfinder Limited**

2018378078 Pandion Therapeutics, Inc. The name of the applicant has been altered to **Pandion Operations, Inc.**

2020

2020102497 Inner Mongolia Medical University; Inner Mongolia Autonomous Region International Mongolian Medicine Hospital (Inner Mongolia Autonomous Region Mongolian Medicine Research Ins The name of the applicant has been altered to **Inner Mongolia Medical University; Inner Mongolia Autonomous Region International Mongolian Medicine Hospital (Inner Mongolia Autonomous Region Mongolian Medicine Research Institute)**

2020244394 Gemalto SA The name of the applicant has been altered to **Thales DIS France SA**

2020250215 Lo, Hoe; Lee, Tack The name of the applicant has been altered to **Lo, H.; Lee, C.**

2020903576 Vision Pharma Pty Ltd The name of the applicant has been altered to **PYC Therapeutics Limited**

Applications Open to Public Inspection

Name Index

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

(71) 4D Pharma Research Limited
 (11) AU-A-2020241605
 (21) 2020241605 (22) 28.09.2020
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
 A61K 35/74 (2006.01)
 A61P 1/00 (2006.01)
 A61P 11/06 (2006.01)
 A61P 19/02 (2006.01)
 A61P 25/28 (2006.01)
 A61P 27/02 (2006.01)
 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
 C12N 1/20 (2006.01)

(43) 29.10.2020
 (62) 2016278069
 (72) Grant, George; Patterson, Angela Margaret; Mulder, Imke; McCluskey, Sean-in; Raftis, Emma
 (74) FB Rice Pty Ltd

(71) AbbVie Inc.
 (11) AU-A-2020239800
 (21) 2020239800 (22) 25.09.2020
 (54) Methods for treating HCV
 (51) Int. Cl.
 A61K 31/454 (2006.01)
 A61K 31/498 (2006.01)
 A61K 31/7072 (2006.01)

(43) 29.10.2020
 (62) 2015240754
 (72) Bernstein, Barry M.; Dutta, Sandeep; Liu, Wei; Podsadecki, Thomas J.; Campbell, Andrew L.; Menon, Rajeev M.; Lin, Chih-Wei; Wang, Tianli; Awani, Walid M.
 (74) Spruson & Ferguson

(71) AbbVie Inc.
 (11) AU-A-2020244482
 (21) 2020244482 (22) 30.09.2020
 (54) Stable dual variable domain immunoglobulin protein formulations
 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/19 (2006.01)
 C07K 16/22 (2006.01)
 C07K 16/24 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/32 (2006.01)
 C07K 16/42 (2006.01)

(43) 29.10.2020
 (62) 2018253520
 (72) SIEDLER, Michael; KUMAR, Vineet; CHARI, Ravi; SALUJA, Sonal; PATIL, Vishwesh
 (74) Spruson & Ferguson

(71) Acceleron Pharma, Inc.
 (11) AU-A-2020244456
 (21) 2020244456 (22) 30.09.2020
 (54) ENDOGLIN POLYPEPTIDES AND USES THEREOF
 (51) Int. Cl.
 C07K 14/515 (2006.01)
 (43) 29.10.2020
 (62) 2019204979
 (72) Grinberg, Asya; Castonguay, Roselyne; Werner, Eric; Kumar, Ravindra
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Acceleron Pharma, Inc.
 (11) AU-A-2020244463
 (21) 2020244463 (22) 30.09.2020
 (54) Endoglin peptides to treat fibrotic diseases
 (51) Int. Cl.
 A61K 38/17 (2006.01)

(43) 29.10.2020
 (62) 2014339898
 (72) Grinberg, Asya; Castonguay, Roselyne; Werner, Eric; Kumar, Ravindra
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Advanced New Technologies Co., Ltd.
 (11) AU-A-2020244545
 (21) 2020244545 (22) 01.10.2020
 (54) Method for performing inter-system service operation, service platform, and target system
 (51) Int. Cl.
 G06Q 20/32 (2012.01)

(43) 29.10.2020
 (62) 2016373251
 (72) WANG, Huan
 (74) Spruson & Ferguson

(71) Altro Limited
 (11) AU-A-2020202431
 (21) 2020202431 (22) 08.04.2020
 (54) Improvements in or relating to flooring material
 (51) Int. Cl.
 E04F 15/10 (2006.01)
 A47G 27/04 (2006.01)
 B32B 3/30 (2006.01)
 B32B 5/18 (2006.01)
 B32B 27/00 (2006.01)

(31) GB1905121.8 (32) 11.04.19 (33) GB
 (43) 29.10.2020
 (72) Callis, Martin David; Peace, Richard John; Yates, Laura; Fassauer, Oliver; Jung, Bernhard; Spitz, Wilfried
 (74) Baldwins Intellectual Property

(71) American Wave Machines, Inc
 (11) AU-A-2020244441
 (21) 2020244441 (22) 29.09.2020
 (54) IMPROVEMENT TO WAVE MAKING APPARATUS
 (51) Int. Cl.
 A63B 69/08 (2006.01)
 A47K 3/10 (2006.01)
 (43) 29.10.2020
 (62) 2018388807
 (72) MCFARLAND, Bruce
 (74) Halfords IP

(71) AMO Development, LLC
 (11) AU-A-2020239802
 (21) 2020239802 (22) 25.09.2020
 (54) Systems for lenticular laser incision
 (51) Int. Cl.
 A61F 9/008 (2006.01)
 (43) 29.10.2020
 (62) 2015320445
 (72) Fu, Hong
 (74) FPA Patent Attorneys Pty Ltd

(71) Anova Applied Electronics, Inc.
 (11) AU-A-2020201722
 (21) 2020201722 (22) 09.03.2020
 (54) SOUS VIDE COOKER
 (51) Int. Cl.
 A47J 27/10 (2006.01)
 (31) 16/382,534 (32) 12.04.19 (33) US
 (43) 29.10.2020
 (72) MESSLER, Carl Hakan; YUJIE, Xia; HU, Vivian Lee
 (74) AJ PARK

(71) Anson, M.; Roman-Miller, L.
 (11) AU-A-2020202482
 (21) 2020202482 (22) 09.04.2020
 (54) A COMPUTER SYSTEM IMPLEMENTED METHOD FOR GENERATING A SYMMETRIC ENCRYPTION KEY FOR ENCRYPTING AND DECRYPTING SECURE DATA
 (51) Int. Cl.
 H04L 9/32 (2006.01)
 G06F 21/00 (2013.01)
 (31) 62/831,385 (32) 09.04.19 (33) US
 (43) 29.10.2020
 (72) Anson, Mark Rodney
 (74) Lance Arthur Roman-Miller

(71) Apple Inc.
 (11) AU-A-2020223752
 (21) 2020223752 (22) 14.04.2020
 (54) Accelerated scrolling and selection
 (51) Int. Cl.
 G06F 3/048 (2013.01)

Applications Open to Public Inspection - Name Index cont'd

(31) 62/834,364 (32) 15.04.19 (33) US
 62/844,015 06.05.19 US
 PA201970513 12.08.19 DK
 16/573,849 17.09.19 US
 (43) 29.10.2020
 (72) ALONSO RUIZ, Marcos; LEMAY,
 Stephen O.; MAGAHERN, James; PA-
 TERTSON, Toby C.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020239803
 (21) 2020239803 (22) 25.09.2020
 (54) Incoming telephone call management
 for a portable multifunction device with
 touch screen display
 (51) Int. Cl.
 H04M 1/247 (2006.01)
 H04M 1/57 (2006.01)
 H04M 1/725 (2006.01)
 H04M 1/2745 (2006.01)
 H04M 1/60 (2006.01)
 (43) 29.10.2020
 (62) 2019202688
 (72) LEMAY, Stephen O.; JOBS, Steven P.;
 FORSTALL, Scott; CHRISTIE, Greg;
 NOVICK, Gregory; VAN OS, Marcel;
 COFFMAN, Patrick Lee; CHAUDHRI,
 Imran
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020244406
 (21) 2020244406 (22) 29.09.2020
 (54) Devices and methods for capturing and
 interacting with enhanced digital im-
 ages
 (51) Int. Cl.
 G06F 3/0488 (2013.01)
 G06F 3/0484 (2013.01)
 G06F 3/0487 (2013.01)
 G06K 9/00 (2006.01)
 H04N 1/00 (2006.01)
 H04N 1/21 (2006.01)
 H04N 5/232 (2006.01)
 (43) 29.10.2020
 (62) 2019257437
 (72) PENHA, Henrique D.; MEZAK, Charles
 A.; MANZARI, Behkish J.; LOPEZ,
 Paulo M.; CLARKE, Graham R.;
 PIVONKA, Pavel; BAUER, Sebastian
 J.; CHAUDHRI, Imran A.; DYE, Alan
 C.; FEDERIGHI, Craig M.; GUZMAN,
 Aurelio; IVE, Jonathan; KING, Nicholas
 V.; TITI, Justin S.; WILSON, Christoph-
 er I.; HARRIS, Elliot B.; KIM, Emilie;
 LANGOULANT, Brendan J.; MIURA,
 Britt S.; GOBERA RUBALCAVA, Daniel
 E.; FOSS, Christopher P.; KOZIENDA,
 Kenneth L.; PRESTON, Daniel T.; APO-
 DACA, Gregory M.; BOVET, Simon;
 JUREWITZ, Michael T.; CONOLLY,
 Bethany B.; MARIC, Natalia C.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020244538
 (21) 2020244538 (22) 01.10.2020
 (54) Wireless listening device and case

(51) Int. Cl.
 A45C 13/34 (2006.01)
 H04M 1/725 (2006.01)
 H04W 4/20 (2009.01)
 H04W 88/02 (2009.01)
 H04W 92/18 (2009.01)
 (43) 29.10.2020
 (62) 2019200416
 (72) Albonico, Marcus; Yang, Shannon X.;
 Panecki, Lee M.; Chawan, Arun D.;
 LeBlanc, Jason J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020244539
 (21) 2020244539 (22) 01.10.2020
 (54) Wireless earbuds
 (51) Int. Cl.
 A45C 13/34 (2006.01)
 H04M 1/725 (2006.01)
 H04W 4/20 (2009.01)
 H04W 88/02 (2009.01)
 H04W 92/18 (2009.01)
 (43) 29.10.2020
 (62) 2019200416
 (72) Albonico, Marcus; Yang, Shannon X.;
 Panecki, Lee M.; Chawan, Arun D.;
 LeBlanc, Jason J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Aragon Pharmaceuticals, Inc.
 (11) AU-A-2020244431
 (21) 2020244431 (22) 29.09.2020
 (54) Anti-androgens for the treatment of
 non-metastatic castrate-resistant pro-
 state cancer
 (51) Int. Cl.
 A61K 31/00 (2006.01)
 A61K 31/4166 (2006.01)
 A61K 31/4439 (2006.01)
 A61P 35/00 (2006.01)
 (43) 29.10.2020
 (62) 2018206695
 (72) Chen, Isan
 (74) Shelston IP Pty Ltd.

(71) Architect Corporation Pty Limited
 (11) AU-A-2019202455
 (21) 2019202455 (22) 09.04.2019
 (54) A MEMBRANE ROOF SYSTEM FOR
 BUILDINGS
 (51) Int. Cl.
 E04D 5/14 (2006.01)
 E04B 7/16 (2006.01)
 E04D 15/04 (2006.01)
 (43) 29.10.2020
 (72) Horsfall, Harvey David; Pascoe, Mal-
 colm Richard
 (74) Maxwells Patent & Trade Mark Attor-
 neys Pty Ltd

(71) Argenta Innovation Limited
 (11) AU-A-2020244536
 (21) 2020244536 (22) 01.10.2020
 (54) Ectoparasite formulation
 (51) Int. Cl.
 A01N 25/04 (2006.01)

A01N 25/12 (2006.01)
 A01N 25/14 (2006.01)
 A01N 43/52 (2006.01)
 A01N 43/54 (2006.01)
 A01N 43/90 (2006.01)
 A61K 8/02 (2006.01)
 A61K 8/04 (2006.01)
 A61K 9/16 (2006.01)
 (43) 29.10.2020
 (62) 2015215638
 (72) Cleverly, Douglas Robert; Gill, David
 Anthony; Morrow, Desmond Ian John
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2020202196
 (21) 2020202196 (22) 27.03.2020
 (54) MYSTERY BONUS SYMBOL REVEAL
 (51) Int. Cl.
 A63F 13/00 (2014.01)
 G07F 17/32 (2006.01)
 (31) 16/379,724 (32) 09.04.19 (33) US
 (43) 29.10.2020
 (72) SANBORN, Hanna; LA GUARDIA,
 Chad; CHING, Erick
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2020202477
 (21) 2020202477 (22) 09.04.2020
 (54) TECHNIQUES AND APPARATUSES
 FOR PROVIDING BLENDED GRAPH-
 ICAL CONTENT FOR GAMING AP-
 PPLICATIONS USING A SINGLE
 GRAPHICS CONTEXT AND MUL-
 TIPLE APPLICATION PROGRAMMING
 INTERFACES
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 G06F 3/00 (2006.01)
 (31) 16/383,435 (32) 12.04.19 (33) US
 (43) 29.10.2020
 (72) BABB, Derrick Tobias; STANHOPE,
 John David
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2020239822
 (21) 2020239822 (22) 25.09.2020
 (54) A GAMING SYSTEM AND A METHOD
 OF GAMING
 (51) Int. Cl.
 A63F 13/00 (2006.01)
 (43) 29.10.2020
 (62) 2018204455
 (72) BLANCO, Victor; BODEN, Peter
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2020244448
 (21) 2020244448 (22) 29.09.2020

Applications Open to Public Inspection - Name Index cont'd

(54) A METHOD OF GAMING AND A GAMING SYSTEM
 (51) Int. Cl.
A63F 9/24 (2006.01)
 (43) 29.10.2020
 (62) 2018253557
 (72) CHIM, Chi We
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020244492
 (21) 2020244492 (22) 30.09.2020
 (54) A Gaming System and a Method of Gaming
 (51) Int. Cl.
A63F 13/45 (2014.01)
 (43) 29.10.2020
 (62) 2018241090
 (72) TYLMAN, Tricia; PENACHO, Gary Joseph; STEWART, Scott Monroe
 (74) Griffith Hack

(71) Atarfil, S.L.
 (11) AU-A-2020244527
 (21) 2020244527 (22) 01.10.2020
 (54) Self-supporting, synthetic polymer waterproof membrane with self-healing ability
 (51) Int. Cl.
C08J 5/18 (2006.01)
C08K 3/34 (2006.01)
C08L 23/02 (2006.01)
C09K 3/10 (2006.01)
E04B 1/66 (2006.01)
 (43) 29.10.2020
 (62) 2016279942
 (72) Martín Sevilla, Gabriel; Carreras Torres, Emilio; Hidalgo Betanzos, Joaquin; Garmendia Barrena, Maria Izascun
 (74) Allens Patent & Trade Mark Attorneys

(71) Auris Health, Inc.
 (11) AU-A-2020244524
 (21) 2020244524 (22) 01.10.2020
 (54) Configurable robotic surgical system with virtual rail and flexible endoscope
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 10/04 (2006.01)
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 A01B 61/04 (2006.01)
 A01B 33/04 (2006.01)
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 (31) 62/834,037 (32) 15.04.19 (33) US
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A61K 31/198 (2006.01)
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(72) Crum, Albert
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A63B 21/072 (2006.01)
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B65D 85/72 (2006.01)
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(72) Dunstan, Tanya
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(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
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G01N 33/53 (2006.01)
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(71) Earthing 3.0 Pty Ltd
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A43B 7/36 (2006.01)

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B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/20 (2006.01)
B32B 27/30 (2006.01)
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(54) CABLE TRAY ISOLATION PAD
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F16L 3/26 (2006.01)
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C12N 15/45 (2006.01)
A61K 39/12 (2006.01)
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(71) Energen Biomedical Co., Ltd
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(21) 2020244377 **(22)** 28.09.2020
(54) Compound for activating AMPK and uses thereof
(51) Int. Cl.
A61K 31/52 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 17/02 (2006.01)
A61P 25/28 (2006.01)
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(21) 2020244476 **(22)** 30.09.2020
(54) Efficient method for decontaminating waste gases and waste water containing cyanide in a method for producing alkali metal cyanides
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C01C 3/10 (2006.01)
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(54) EZH2 INHIBITORS FOR TREATING LYMPHOMA
(51) Int. Cl.
A61K 31/5377 (2006.01)
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(72) Keilhack, Heike
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(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2020244529
(21) 2020244529 **(22)** 01.10.2020
(54) SYSTEM FOR HUMIDIFICATION OF MEDICAL GASES
(51) Int. Cl.
A61M 13/00 (2006.01)
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(74) Baldwins Intellectual Property

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(54) DELIVERING VARIABLE POSITIVE AIRWAY PRESSURE DEPENDING ON AWAKE STATE AND SLEEP DISORDERED BREATHING
(51) Int. Cl.
A61M 16/00 (2006.01)
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(72) GERRED, Andrew Gordon; WHITING, David Robin
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(71) FISHER & PAYKEL HEALTHCARE LIMITED
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(21) 2020244384 **(22)** 28.09.2020
(54) A COMPONENT FOR CONVEYING GASES
(51) Int. Cl.
A61M 16/08 (2006.01)
(43) 29.10.2020
(62) 2018278847
(72) GRAHAM, Peter Kenneth; CHU, Shu-Yi; GARCIA, Enrico Alvarez
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(71) Fometix LLC
(11) AU-A-2020244458
(21) 2020244458 **(22)** 30.09.2020
(54) Client services for applied key management systems and processes
(51) Int. Cl.
H04L 9/08 (2006.01)
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(62) 2016228531
(72) WHITE, Charles; EDWARDS, Stephen
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(21) 2020244609 **(22)** 03.10.2020
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(62) 2018208522
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(74) Griffith Hack

(71) Fred Hutchinson Cancer Research Center
(11) AU-A-2020244495
(21) 2020244495 **(22)** 30.09.2020
(54) Immunomodulatory fusion proteins and uses thereof
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C12N 5/0783 (2010.01)
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 (11) AU-A-2020244521
 (21) 2020244521 (22) 30.09.2020
 (54) Method and apparatus of assessment of access flow in hemodialysis patients by video imaging processing
 (51) Int. Cl.
A61B 5/0215 (2006.01)
A61B 5/026 (2006.01)
A61B 5/027 (2006.01)
G06T 7/00 (2006.01)
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 (72) Kotanko, Peter; Zhu, Fansan
 (74) FB Rice Pty Ltd

(71) Galil Medical Inc.
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 (21) 2020244547 (22) 01.10.2020
 (54) Cryoneedle
 (51) Int. Cl.
A61B 18/02 (2006.01)
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 (54) This invention is a 'fold-a-way' compact Concrete Sewer or Stormwater Lid or Manhole Cover, Lifter. The device fits inside a PVC tube 100mm dia and all up weighs approx 6.5 kgs. Its light weight for field inspections to find blockages or just for routine maintenance inspection. It is operated manually or with the aid of a cordless drill. Its intended use is to crack and lift the lid just enough to get an Infra Red camera for video and picture The design need is to reduce work related back and body injuries from the normal practice of manually lifting these very heavy lids.
 (51) Int. Cl.
E02D 29/14 (2006.01)
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A01J 7/02 (2006.01)
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H04W 12/06 (2009.01)
H04L 29/06 (2006.01)
H04W 12/02 (2009.01)
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F16K 1/32 (2006.01)
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H04N 19/00 (2014.01)
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 (51) Int. Cl.
H03M 7/40 (2006.01)
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 (54) Sheet processing apparatus and foreign-object entry determination method
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G07D 11/50 (2019.01)

B65H 5/02 (2006.01)
G07D 7/00 (2016.01)
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 (51) Int. Cl.
G05B 19/04 (2006.01)
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A61L 2/08 (2006.01)
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A61L 2/08 (2006.01)
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H01R 4/2416 (2018.01)
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H01R 12/50 (2011.01)
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F16H 7/12 (2006.01)
A47L 11/162 (2006.01)
A47L 11/40 (2006.01)
B24B 41/047 (2006.01)
B24B 47/12 (2006.01)
B24B 47/18 (2006.01)
B24D 7/06 (2006.01)
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 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FOR USE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHER CANCERS
 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)

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 (72) Mahr, Andrea; Weinschenk, Toni; Wiebe, Anita; Fritsche, Jens; Singh, Harpreet; Schoor, Oliver
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 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FOR USE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHER CANCERS
 (51) Int. Cl.
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 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FOR USE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHER CANCERS
 (51) Int. Cl.
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 (21) 2020244420 (22) 29.09.2020
 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FOR USE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHER CANCERS
 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
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(51) Int. Cl.
C07K 14/47 (2006.01)
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(72) Mahr, Andrea; Weinschenk, Toni; Wiebe, Anita; Fritsche, Jens; Singh, Harpreet; Schoor, Oliver
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(21) 2020244422 (22) 29.09.2020

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(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)

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(72) Mahr, Andrea; Weinschenk, Toni; Wiebe, Anita; Fritsche, Jens; Singh, Harpreet; Schoor, Oliver
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C07K 14/47 (2006.01)
A61K 39/00 (2006.01)

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A61F 5/00 (2006.01)
A61F 2/04 (2006.01)

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B65D 25/02 (2006.01)
A47J 47/08 (2006.01)
B65D 81/05 (2006.01)
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 A61Q 17/04 (2006.01)
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 A61P 25/28 (2006.01)
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 A61M 5/178 (2006.01)
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 (54) SUPPORT-WEIGHT, STRENGTHENING POST, RELATED METHODS OF USE AND INSTALLATIONS
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 (51) Int. Cl.
 A61H 3/04 (2006.01)
 A61G 5/00 (2006.01)
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C08J 5/06 (2006.01)
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(51) Int. Cl.

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VERDINE, Gregory L.; ZLATEV,, Ivan

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WIN, S. see CLEVERLY, D.R.

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(71) Wing Aviation LLC

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(21) 2020102250

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(11) AU-A-2020101526

(21) 2020101526 (22) 28.07.2020

(54) Sugarcane Yield Increasing and Sugar Increasing Growth Promoter Based on Unmanned Aerial Vehicle Precise Spraying and Application Method

(51) Int. Cl.

A01N 45/00 (2006.01)

A01B 79/00 (2006.01)

A01N 25/02 (2006.01)

A01N 43/38 (2006.01)

A01N 47/18 (2006.01)

A01N 47/38 (2006.01)

A01N 51/00 (2006.01)

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LUO, Ting; HUANG, Xing; WENG, Mengling

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Guduru, R.R. see Babu, G.V.

(21) 2020102250

(71) Guilin Univ. Electr. Technol.; YUAN, L.

(11) AU-A-2020102259

(21) 2020102259 (22) 15.09.2020

(54) A non-contact single-fiber optical tweezers and its preparation method

(51) Int. Cl.

G02B 6/32 (2006.01)

G02B 6/02 (2006.01)

G21K 1/00 (2006.01)

(45) 29.10.2020

(72) YUAN, LIBO; YANG, SHITAI

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(71) Guilin Univ. Electr. Technol.; YUAN, L.

(11) AU-A-2020102260

(21) 2020102260 (22) 15.09.2020

(54) A nanojets scanning probe based on fiber optical tweezers

(51) Int. Cl.

G02B 27/00 (2006.01)

B82Y 20/00 (2011.01)

G02B 3/00 (2006.01)

G02B 6/036 (2006.01)

G02B 6/25 (2006.01)

G02B 6/32 (2006.01)

(45) 29.10.2020

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(71) Guilin Univ. Electr. Technol.; YUAN, L.

(11) AU-A-2020102261

(21) 2020102261 (22) 15.09.2020

(54) A self-assembled super-resolution optical probe based on fiber optical tweezers

(51) Int. Cl.

G02B 27/58 (2006.01)

B82Y 20/00 (2011.01)

B82Y 35/00 (2011.01)

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(72) YUAN, LIBO; YANG, SHITAI

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(51) Int. Cl.

G08G 1/01 (2006.01)

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(21) 2020102250

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(21) 2020102306

(71) Guyuan Branch of Ningxia Academy of Agriculture and Forestry Sciences

(11) AU-A-2020102264

(21) 2020102264 (22) 15.09.2020

(54) METHOD FOR SOWING AND RAISING SEEDLINGS OF EUONYMUS PHELLOMANUS

(51) Int. Cl.

A01G 22/00 (2018.01)

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(21) 2020102250

(71) Hardrock Mining Solutions Pty Ltd

(11) AU-A-2020102267

(21) 2020102267 (22) 15.09.2020

(54) Anchor bolt

(51) Int. Cl.

E21F 17/02 (2006.01)

F16B 13/08 (2006.01)

F16L 3/22 (2006.01)

(31) 2019903519 (32) 23.09.19 (33) AU

(45) 29.10.2020

(72) WAKE, Clarissa

(74) SPICER SPICER PTY LTD

Hassan, M. see Babu, G.V.

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HEBEI HUATONG WIRES AND CABLES GROUP CO., LTD. see SHINDA (TANGSHAN) CREATIVE OIL & GAS EQUIPMENT CO., LTD.

(21) 2020102236

(71) Hebei Normal University for Nationalities

(11) AU-A-2020102321

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(54) Preparation for Alumina@Co Composite Film with Gradual Change Structural Color and Magnetism

(51) Int. Cl.

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(74) Alder IP Pty Ltd
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(11) AU-A-2020102241
(21) 2020102241 (22) 14.09.2020
(54) A special test bed for potato digging shovel
(51) Int. Cl.
A01D 13/00 (2006.01)
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(74) Alder IP Pty Ltd
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(11) AU-A-2020102328
(21) 2020102328 (22) 18.09.2020
(54) Method for determination of heterocyclic aromatic amine in oil
(51) Int. Cl.
G01N 30/00 (2006.01)
(31) 201911036837.0 (32) 29.10.19 (33) CN
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(74) BOSH IP Pty Ltd
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(21) 2020102228
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(54) IOT BASED TOUCH DETECTING HAND GLOVE FOR POST PANDEMIC SAFETY
(51) Int. Cl.
G16H 50/80 (2018.01)
G06F 1/16 (2006.01)
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(11) AU-A-2020102322
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(54) A ROBOTICS BASED MUSCULAR SPASM RELIEF DEVICE
(51) Int. Cl.
A61H 23/02 (2006.01)
(45) 29.10.2020
(72) SATHIYAVEL, C.; JANA, ANINDYA; JEYANTHY, P.ARUNA; PRAGADA, DIVAKARA RAO; DURAI PANDY, P.; SHARMA, HIMANSHU; UPADHAYAYA, NIRAJ; PRADHAN, PRASANTA KUMAR; SNEHALATHA, K.; SULTANA, TOWHEED
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(21) 2020102253 (22) 15.09.2020
(54) LIGHTWEIGHT AND HIGH-STRENGTH CERAMSITE AND PREPARATION METHOD THEREOF
(51) Int. Cl.
C04B 35/16 (2006.01)
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(74) AJ Pietras IP Limited
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- (71) Illinois Tool Works Inc.
(11) AU-A-2020102352
(21) 2020102352 (22) 21.09.2020
(54) Floating connection between a structural member and a wall member in a building structure
(51) Int. Cl.
E04B 2/82 (2006.01)
E04B 1/26 (2006.01)
F16B 25/00 (2006.01)
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(74) Davies Collision Cave Pty Ltd
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- (71) Imperial Wreath Holdings Pty Ltd
(11) AU-A-2020102265
(21) 2020102265 (22) 15.09.2020
(54) A RADIO FREQUENCY IDENTIFICATION SYSTEM
(51) Int. Cl.
H04B 5/00 (2006.01)
G07C 9/00 (2020.01)
G08B 13/24 (2006.01)
H04W 12/00 (2009.01)
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(11) AU-A-2020102254
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(54) RAW MATERIAL FOR PREPARING POROUS CERAMIC MATERIAL AND PREPARATION METHOD OF POROUS CERAMIC MATERIAL
(51) Int. Cl.
C04B 32/02 (2006.01)
(31) 202010005917. 6 (32) 03.02.20 (33) CN
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- (71) Innovative Products Pty Ltd
(11) AU-A-2020102257
(21) 2020102257 (22) 15.09.2020
(54) CONDUIT INSERT AND THE MANUFACTURE AND USE THEREOF
(51) Int. Cl.
F16L 55/11 (2006.01)
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(72) Osborne, Mark
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(11) AU-A-2019101744
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(51) Int. Cl.
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- (71) Institute of Atmospheric Physics, Chinese Academy of Sciences
(11) AU-A-2020102324
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(54) Online Monitoring Instrument for Multiple Environmental Elements
(51) Int. Cl.
G01N 1/22 (2006.01)
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(72) HAN, Pengfei; WANG, Yinan; ZENG, Ning; LIU, Di; ZHANG, Zhimin
(74) James Yoong-Siang Wan

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Chinese Academy of Sciences
(11) AU-A-2020102283
(21) 2020102283 (22) 16.09.2020
(54) Shear box for simulating motion characteristics of active fault
(51) Int. Cl.
G01N 3/24 (2006.01)
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Chinese Academy of Sciences
(11) AU-A-2020102336
(21) 2020102336 (22) 18.09.2020
(54) METHOD, SYSTEM AND DEVICE FOR IDENTIFYING WATER-FILLED GOAF AREA IN COAL MINE
(51) Int. Cl.
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(74) Madderns Pty Ltd

(71) Institute of Horticulture, Sichuan Academy of Agricultural Sciences
(11) AU-A-2020102281
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(54) A method for rapidly determining the chilling requirement of peaches
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A01G 17/00 (2006.01)
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(72) Li, Wengui; Deng, Jialin; Zhang, Qunjun; Zhong, Bifeng
(74) Alder IP Pty Ltd

(71) Institute of Rock and Soil Mechanics,
Chinese Academy of Sciences
(11) AU-A-2020102355
(21) 2020102355 (22) 21.09.2020
(54) EMBEDDED MICROSEISMIC MONITORING DEVICE WITH TBM
(51) Int. Cl.
G01V 1/00 (2006.01)
E21D 9/10 (2006.01)
G01V 1/16 (2006.01)
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(21) 2020102250

(71) IT PANDA PTY LTD
(11) AU-A-2020102341
(21) 2020102341 (22) 19.09.2020

(54) An improved user interface for displaying proper order(s) tracking details by launching app, where the user simply gets a result rather than watching start-up screen advertisement or multiple tapping to execute the look-up based on the history order(s) list.
(51) Int. Cl.
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(72) ZHU, QING
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(21) 2020102347

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(71) Jiangsu Yongyi Environmental Protection Technology Co., Ltd.
(11) AU-A-2020102288
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(54) Novel industrial sewage treatment facility
(51) Int. Cl.
C02F 1/00 (2006.01)
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(11) AU-A-2020102294
(21) 2020102294 (22) 02.07.2020
(54) Noise reducer for fans
(51) Int. Cl.
F04D 29/66 (2006.01)
(31) 202021159816.6 (32) 22.06.20 (33) CN
(45) 29.10.2020
(72) JIANG, Wei; CHI, Jian
(74) Shelston IP Pty Ltd.

(71) Jilin University
(11) AU-A-2020102296
(21) 2020102296 (22) 16.09.2020

(54) A DISTRIBUTED OPTICAL FIBER SENSING SYSTEM BASED ON HETEROZYNE DETECTION TECHNOLOGY
(51) Int. Cl.
G01H 9/00 (2006.01)
H04B 10/64 (2013.01)
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(72) Zhong, Zhicheng; Liu, Kuiyuan; Lin, Jun; Bai, Yuxin; Li, Zhe
(74) Madderns Pty Ltd

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K, S.M. see S, N.
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(71) Kaluarachchi, C.
(11) AU-A-2020102234
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(54) A method to automatically encrypt attached documents on an email and email it to intended recipient. Encryption password is passed to the recipient separately, using different method.
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H04L 29/06 (2006.01)
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(51) Int. Cl.

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(54) A HOME AQUARIUM MONITORING SYSTEM
(51) Int. Cl.
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A01K 63/04 (2006.01)
A01K 63/06 (2006.01)
(45) 29.10.2020
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(74) Pratik Kanani
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(51) Int. Cl.
G06Q 10/00 (2006.01)
B67D 1/08 (2006.01)
G06K 7/08 (2006.01)
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G06K 17/00 (2006.01)
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(62) 2019101641
(72) JONES, Timothy L.
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(11) AU-A-2020102290
(21) 2020102290 **(22)** 25.05.2020
(54) Novel bridge expansion joint structure
(51) Int. Cl.
E01D 19/06 (2006.01)
(31) 202020623574.5 **(32)** 23.04.20 **(33)** CN
(45) 29.10.2020
(72) LIU, Xiping; ZOU, Chengjie
(74) Shelston IP Pty Ltd.
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(54) Bridge expansion joint structure
(51) Int. Cl.
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(31) 202020624027.9 **(32)** 23.04.20 **(33)** CN
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(72) LIU, Xiping; ZOU, Chengjie
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- (71)** Kunshan Hanhui Electronic Technology Co., Ltd.
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(21) 2020102293 **(22)** 25.05.2020
(54) Corrosion-resistant submarine cable
(51) Int. Cl.
H01B 7/14 (2006.01)
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(31) 202020595871.3 **(32)** 21.04.20 **(33)** CN
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(72) XUE, Dongmei
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(54) Ice storage tank capable of preventing expansion damage

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(72) ZHU, Beilei
(74) Shelston IP Pty Ltd.

(71) Kunshan SiLaiMu Energy-Saving Technology Co., Ltd.
(11) AU-A-2020102237
(21) 2020102237 **(22)** 27.05.2020
(54) Internal-melt ice storage tank with high heat exchange efficiency
(51) Int. Cl.
F25C 5/18 (2018.01)
F25C 1/00 (2006.01)
(31) 202020490125.8 **(32)** 07.04.20 **(33)** CN
(45) 29.10.2020
(72) ZHU, Beilei
(74) Shelston IP Pty Ltd.

(71) Kunshan SiLaiMu Energy-Saving Technology Co., Ltd.
(11) AU-A-2020102284
(21) 2020102284 **(22)** 27.05.2020
(54) Ice storage tank with buffer coil support
(51) Int. Cl.
F25C 5/18 (2018.01)
F25C 1/00 (2006.01)
(31) 202020488938.3 **(32)** 07.04.20 **(33)** CN
(45) 29.10.2020
(72) ZHU, Beilei
(74) Shelston IP Pty Ltd.

L, B. see S, N.
(21) 2020102249

L, N.J. see P, M.
(21) 2020102346

Iatha, G. see Venkatesh, A.
(21) 2020102320

(71) Lignor Limited
(11) AU-A-2020102335
(21) 2020102335 **(22)** 18.09.2020
(54) Container flooring
(51) Int. Cl.
B32B 21/13 (2006.01)
B27N 3/06 (2006.01)
B27N 3/14 (2006.01)
B32B 7/03 (2019.01)
B32B 21/02 (2006.01)
B32B 21/04 (2006.01)
B32B 21/06 (2006.01)
B32B 21/14 (2006.01)
B65D 88/12 (2006.01)
B65D 90/02 (2019.01)
(31) 2019903505 **(32)** 20.09.19 **(33)** AU
(45) 29.10.2020
(72) Burton, Peter Edward
(74) Davies Collison Cave Pty Ltd

(71) Ljubanovic, F.
(11) AU-A-2020102233
(21) 2020102233 **(22)** 13.09.2020
(54) The 'Property Identification Method' ("PIM") is a novel algorithm through which a Real Estate Authority and/or Conveyancing data is created through image-processing a document such as a Council/Shire Rates Notice. This invention establishes a unique algorithm incorporating techniques such deep learning segmentation and computer vision to decode property information. This application utilises computer-implemented technology configured in such manner as to enable conveyancers and real estate agents to automate the creation of client files.

(51) Int. Cl.
G06K 9/62 (2006.01)
G06K 9/46 (2006.01)
G06N 3/02 (2006.01)
G06T 7/10 (2017.01)

(45) 29.10.2020
(72) Ljubanovic, Fabian
(74) Fabian Ljubanovic

M, M.B. see Sharma, A.
(21) 2020102228

M, S.R. see S, N.
(21) 2020102249

M, A. see A, A.
(21) 2020102303

M, S. see P, M.
(21) 2020102346

M, K. see P, M.
(21) 2020102346

Madhusudan . see Sharma, A.
(21) 2020102228

Mahajan, R.A. see Yadav, S.K.
(21) 2020102319

(71) MAHAJAN, A.D.; KOHLI, R.; K, S.K.; PATEL, R.G.; S, G.; SONI, M.; K, R.B.
(11) AU-A-2020102338
(21) 2020102338 **(22)** 18.09.2020
(54) Information Locker System for Android Mobile Users Using Steganography Technique
(51) Int. Cl.
H04N 1/32 (2006.01)
G06F 21/31 (2013.01)
G06F 21/62 (2013.01)
H04L 9/14 (2006.01)

(45) 29.10.2020
(72) PANDIMURUGAN, V.; GITE, PRATIK; MAURYA, SUDHANSHU; VIRMANI, DEEPAI; SAKTHIVEL, P.; MADIAJAGAN, M.; B. K., HARSHA
(74) ARUN SUNDARAM

Manjunath, T. see Babu, G.V.
(21) 2020102250

Manoharan, H. see Venkatesh, A.
(21) 2020102320

MARYKUTTY, A. see HUMCEN Co
(21) 2020102232

Maurya, S. see Venkatesh, A.
(21) 2020102320

Meera, M.R. see Babu, G.V.
(21) 2020102250

Miriala, S. see B. Waghulde, K.
(21) 2020102304

Mishra, B.K. see Venkatesh, A.
(21) 2020102320

Mishra, D. see Agrawal, K.K.
(21) 2020102345

(71) Mitchell, C.
(11) AU-A-2020102316
(21) 2020102316 **(22)** 17.09.2020
(54) A method of rendering a cable and/or an owner of a cable identifiable
(51) Int. Cl.
H01B 13/32 (2006.01)
G06K 19/06 (2006.01)
H01B 7/285 (2006.01)
H01B 13/00 (2006.01)
H01B 13/30 (2006.01)
(45) 29.10.2020
(72) Mitchell, Cecil Albert
(74) Cecil Albert Mitchell

More, S.S. see Padmavat, C.S.
(21) 2020102315

More, P.S. see Padmavat, C.S.
(21) 2020102315

More, P.S. see Yadav, S.K.
(21) 2020102319

MURALI, R. see HUMCEN Co
(21) 2020102232

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N, V. see SANKARAN, K.
(21) 2020102231

N, A.K. see Venkatesh, A.
(21) 2020102320

Nadar, N. see Kanani, P.
(21) 2020102342

NAIR, R. see KOTAMRAJU, S.K.
(21) 2020102248

Nanade, A. see Kanani, P.
(21) 2020102342

Nanjing Daqo Electrical Institute Co., Ltd. see Daqo Group Co., Ltd.
(21) 2018102188

(71) Nanjing Forestry University
(11) AU-A-2020102309
(21) 2020102309 (22) 17.09.2020
(54) SIW planar filter
(51) Int. Cl.
H01P 1/207 (2006.01)
(45) 29.10.2020
(72) Zhang, Dan; Ding, ZhenDong; Zong, Chujing; Xu, Chenyue
(74) Alder IP Pty Ltd

(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment
(11) AU-A-2020102330
(21) 2020102330 (22) 18.09.2020
(54) OUTDOOR MESOCOSM DEVICE FOR SIMULATING LARGE POND ECOSYSTEM
(51) Int. Cl.
C02F 9/00 (2006.01)
(31) 202010127022.X (32) 28.02.20 (33) CN
(45) 29.10.2020
(72) Jinlin, JIANG; Junying, ZHOU; Tao, LONG; Zhengjun, SHAN; Renbin, LIU; Yue, SHI; Shaopo, DENG
(74) Davies Collison Cave Pty Ltd

(71) Nanjing Institute of Technology
(11) AU-A-2020102245
(21) 2020102245 (22) 14.09.2020
(54) A GRID HYBRID ROLLING DISPATCHING METHOD CONSIDERING CONGESTION AND ENERGY STORAGE TOU PRICE
(51) Int. Cl.
H02J 3/46 (2006.01)
(45) 29.10.2020
(62) PCT/CN2019/076425
(72) Chen, Guangyu; Zhang, Yangfei; Hao, Sipeng; Liu, Haitao
(74) Madderns Pty Ltd

Neerugatti, V. see Reddy Madhavi, K.
(21) 2020102305

Nigrel, S. see Kanani, P.
(21) 2020102342

(71) NONDRILL PTY LTD
(11) AU-A-2020102297
(21) 2020102297 (22) 16.09.2020
(54) Gawk screen support, system and method
(51) Int. Cl.
E01F 15/08 (2006.01)
E01F 9/669 (2016.01)
E01F 13/02 (2006.01)
(31) 2019903442 (32) 16.09.19 (33) AU
(45) 29.10.2020
(72) BREEN, Paul
(74) Ascot Martin

(71) OPHOP PTY LTD
(11) AU-A-2020102329
(21) 2020102329 (22) 18.09.2020
(54) A mobile phone software application (App) designed to connect people with op shops or thrift shops, and with other users of the application, aiding in finding stores, navigating to stores, tracking which stores the user of the application has been to and what they bought there, setting reminders, communicating with stores, and communicating with other users of the application.
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06F 3/0482 (2013.01)
G06Q 10/04 (2012.01)
(45) 29.10.2020
(72) Foggitt, Zebulun
(74) OPHOP PTY LTD

Ossenberg, T.M. see Ossenberg, S.J.
(21) 2020102225

(71) Ossenberg, S.J.; Ossenberg, T.M.
(11) AU-A-2020102225
(21) 2020102225 (22) 11.09.2020
(54) Lockable shackle
(51) Int. Cl.
F16G 15/06 (2006.01)
F16B 41/00 (2006.01)
(31) 2019903413 (32) 13.09.19 (33) AU
(45) 29.10.2020
(72) Ossenberg, Stefan James; Ossenberg, Tina Maree
(74) Davies Collison Cave Pty Ltd

P, E. see SANKARAN, K.
(21) 2020102231

P, T. see SANKARAN, K.
(21) 2020102231

P, S. see P, M.
(21) 2020102346

(71) P, M.; M, S.; S, K.; L, N.J.; V, B.; k, S.K.; S, A.; G, S.; C, S.; S, S.; M, K.; P, S.
(11) AU-A-2020102346
(21) 2020102346 (22) 20.09.2020
(54) CONTINUOUS ENERGY SUPPLY TO HOUSE HOLD APPLIANCES THROUGH UNINTERRUPTED POWER METER
(51) Int. Cl.
H02J 9/06 (2006.01)
(45) 29.10.2020
(72) P., MURUGAN; M., Suchithra; S., KALIAPPAN; L., NALINI JOSEPH; V., BALAJI; k., Suresh Kumar; S., Arun; G., Sriharan; C., Swaminathan; S., SENTHILRAJAN; M., KARTHIGAIRAJAN; P., SURIANARAYANAN
(74) ARUN SUNDARAM

(71) Padmavat, C.S.; Sayyad, S.F.; Sayyad, F.B.; Kulkarni, V.P.; Patil, P.S.; More, S.S.; More, P.S.; Dadape, I.Y.; Patil, O.S.; Patil, M.D.; Patil, S.B.
(11) AU-A-2020102315
(21) 2020102315 (22) 17.09.2020
(54) SMART WASHROOM SYSTEM
(51) Int. Cl.
G08B 21/22 (2006.01)
G06F 3/16 (2006.01)
G06K 9/62 (2006.01)
G08B 21/02 (2006.01)
G10L 15/08 (2006.01)
(45) 29.10.2020
(72) Padmavat, Chandraprakash Shivram; Sayyad, Shabnam Farook; Sayyad, Farook Bashir; Kulkarni, Vaibhav P.; Patil, Preeti Suryakant; More, Shivaprasad Sakharam; More, Priyanka Shivaprasad; Dadape, Ishan Yogesh; Patil, Om Suryakant; Patil, Maitri Dinesh; Patil, Suryakant Babanrao
(74) Chandraprakash Shivram Padmavat

Padmavat, C.S. see Yadav, S.K.
(21) 2020102319

Padmavathi, M. see Dhanalaxmi, B.
(21) 2020102300

Pallikonda, S. see Dhanalaxmi, B.
(21) 2020102300

(71) Pandey, A.; Jain, A.; Singh Chauhan, S.P.; Verma, L.; Deshmukh, M.A.; A. Metre, V.; Chordiya, S.B.; Singh, Y.
(11) AU-A-2020102280
(21) 2020102280 (22) 15.09.2020
(54) IAVP-Intelligent Business Data: INTELLIGENT BUSINESS DATA VISUALIZA-

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TION USING AI- BASED PROGRAM-
MING
(51) Int. Cl.
G06Q 10/06 (2012.01)
(45) 29.10.2020
(72) Pandey, Anand; Jain, Arpit; Singh
Chauhan, Sanjay Pratap; Verma, Lal-
ita; Deshmukh, Mahesh Avadhutrao;
A. Metre, Vishakha; Chordiya, S. B.;
Singh, Yashpal
(74) Anand Pandey

Pandey, C. see SETHY, P.
(21) 2020102343

Parkar, N. see Kanani, P.
(21) 2020102342

PATEL, R.G. see MAHAJAN, A.D.
(21) 2020102338

Patil, S.A. see B. Waghulde, K.
(21) 2020102304

Patil, A.A. see B. Waghulde, K.
(21) 2020102304

Patil, P.S. see Padmavat, C.S.
(21) 2020102315

Patil, O.S. see Padmavat, C.S.
(21) 2020102315

Patil, M.D. see Padmavat, C.S.
(21) 2020102315

Patil, S.B. see Padmavat, C.S.
(21) 2020102315

Patil, P.S. see Yadav, S.K.
(21) 2020102319

Patil, O.S. see Yadav, S.K.
(21) 2020102319

Patil, S.B. see Yadav, S.K.
(21) 2020102319

Portelli, E. see Garg, L.
(21) 2020102347

PRADHAN, P.K. see HUMCEN Co
(21) 2020102322

PRAGADA, D.R. see HUMCEN Co

(21) 2020102322

PRIYADARSINI.P.S, U. see HUMCEN Co
(21) 2020102232

(71) Qilu University of Technology
(11) AU-A-2020102258
(21) 2020102258 (22) 15.09.2020
(54) MIXED CRYSTAL TiO₂/BiOBr COM-
POSITE AND PREPARATION METH-
OD AND APPLICATION THEREOF
(51) Int. Cl.
B01J 21/06 (2006.01)
B01J 35/10 (2006.01)
B01J 37/10 (2006.01)
B82Y 40/00 (2011.01)
C02F 1/30 (2006.01)
(45) 29.10.2020
(72) Sun, Jing; Meng, Xia; Li, Danqi; Wang,
Xikui
(74) Madderns Pty Ltd

(71) Qilu University of Technology
(11) AU-A-2020102262
(21) 2020102262 (22) 15.09.2020
(54) Use of ratiometric fluorescent probe in
measurement of peroxyxynitrite anion
(51) Int. Cl.
C07D 405/14 (2006.01)
C09K 11/06 (2006.01)
G01N 21/64 (2006.01)
G01N 21/77 (2006.01)
(31) 202010338171.0 (32) 26.04.20 (33) CN
(45) 29.10.2020
(72) LIU, Keyin; BAO, Luo; ZHANG, Chang-
wei
(74) Griffith Hack

Rajpoot, S.C. see SETHY, P.
(21) 2020102343

Raju, Y. see Dhanalaxmi, B.
(21) 2020102300

Ramana, S.V. see Dhanalaxmi, B.
(21) 2020102300

RAMESH, S. see HUMCEN Co
(21) 2020102232

Reddy, N. see Venkatesh, A.
(21) 2020102320

(71) Reddy Madhavi, K.; Viswanadharaju,
S.; Avanija, J.; Sunitha, G.; Sujatha, B.;
Sreenivasulu, G.; Kannan, K.S.; Suma,
K.G.; Neerugatti, V.; Baseer, K.K.
(11) AU-A-2020102305
(21) 2020102305 (22) 16.09.2020
(54) Intelligent Shopping Card by using In-
ternet of Things (IoT), Artificial Intelli-

gence (AI) and Machine Learning (ML)
Technologies

(51) Int. Cl.
G06Q 30/00 (2012.01)
G06Q 20/34 (2012.01)

(45) 29.10.2020
(72) Reddy Madhavi, K.; Viswanadharaju, S;
Avanija, J.; Sunitha, Gurram; Sujatha, B;
Sreenivasulu, G; Kannan, K S; Suma, K
G; Neerugatti, Vikram; Baseer, Kamal-
apuram Khaja
(74) K Reddy Madhavi

(71) Roubanova, T.; Rubanov, A.
(11) AU-A-2020102326
(21) 2020102326 (22) 18.09.2020
(54) Improved Portable Evapotranspiration
Beds as a component of sustainable
waste system for off grid tiny house on
wheels
(51) Int. Cl.
C02F 3/04 (2006.01)
C02F 3/32 (2006.01)
C02F 9/00 (2006.01)
E03F 1/00 (2006.01)
(45) 29.10.2020
(72) Roubanova, Tatiana; Rubanov, Alexan-
der
(74) Tatiana Roubanova

Rubanov, A. see Roubanova, T.
(21) 2020102326

S, S. see SANKARAN, K.
(21) 2020102231

S, P. see SANKARAN, K.
(21) 2020102231

S, B. see HUMCEN Co
(21) 2020102232

S, S. see HUMCEN Co
(21) 2020102232

S, G. see KOTAMRAJU, S.K.
(21) 2020102248

(71) S, N.; Singh, S.; K, S.; K, S.M.; K, V.;
Singh, P.; L, B.; Suman, S.K.; M, S.R.;
E, N, G.
(11) AU-A-2020102249
(21) 2020102249 (22) 15.09.2020
(54) WATER CONSUMPTION CONTROL
SYSTEM FOR IRRIGATION BASED
ON IoT
(51) Int. Cl.
A01G 25/16 (2006.01)
H04W 4/02 (2018.01)
H04W 4/38 (2018.01)

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 (72) P., Padmanabhan; Arun, S.; A., Nageswaran
 (74) ARUN SUNDARAM

S, D. see Sengan, S.
 (21) 2020102306

S, G. see MAHAJAN, A.D.
 (21) 2020102338

S, K. see P, M.
 (21) 2020102346

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 (21) 2020102346

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 (21) 2020102346

Sabeena, J. see Venkatesh, A.
 (21) 2020102320

Sabitha, N. see Dhanalaxmi, B.
 (21) 2020102300

Sahoo, S.C. see Ghamande, M.
 (21) 2020102340

Sahu, A. see Kanani, P.
 (21) 2020102342

Saini, B.S. see Yadav, S.K.
 (21) 2020102319

(71) SANKARAN, K.; N, V.; S, S.; S, P.; SHEKHAR, H.; P, E.; P, T.
 (11) AU-A-2020102231
 (21) 2020102231 (22) 12.09.2020
 (54) MAXIMUM POWER POINT TRACKABLE AND OPTIMIZED IOT BASED PV CHARGE CONTROLLER USING MACHINE LEARNING
 (51) Int. Cl.
 H02J 1/12 (2006.01)
 H02J 5/00 (2016.01)
 H02M 3/00 (2006.01)
 H02M 7/00 (2006.01)
 (45) 29.10.2020
 (72) SANKARAN, K.SAKTHIDASAN; N., VASUDEVAN; S., SASIKUMAR; S., PRABHA; SHEKHAR, HIMANSHU; P., ELANGOVAN; P., THIRUMARASELVAN
 (74) K.SAKTHIDASAN @ SANKARAN

SATHIYAVEL, C. see HUMCEN Co
 (21) 2020102232

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 (21) 2020102232

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 (21) 2020102315

Sayyad, F.B. see Padmavat, C.S.
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Sayyad, F.B. see Yadav, S.K.
 (21) 2020102319

Sayyad, S.F. see Yadav, S.K.
 (21) 2020102319

(71) Sengan, S.; V, V.M.; C, A.; V, S.; S, D.; Bhargava, C.; Sharma, P.K.; Aggarwal, V.; Singla, V.K.; Gupta, S.; V, P.
 (11) AU-A-2020102306
 (21) 2020102306 (22) 17.09.2020
 (54) A Solar Energy Agro Sprayer System by Switch Control Mechanism for Yielder and Disability Farmer
 (51) Int. Cl.
 A01M 7/00 (2006.01)
 G01F 23/00 (2006.01)
 H02S 40/00 (2014.01)
 (45) 29.10.2020
 (72) Sengan, Sudhakar; V., VeL Murugan; C., Anandan; V., Subramaniaswamy; S., Dhivya; Bhargava, Cherry; Sharma, Pardeep Kumar; Aggarwal, Vibha; Singla, Virinder Kumar; Gupta, Sandeep; V., Priya
 (74) Sudhakar Sengan

Seshagiri Rao, C.R. see Dhanalaxmi, B.
 (21) 2020102300

(71) SETHY, P.; Rajpoot, S.C.; Behera, S.K.; Pandey, C.
 (11) AU-A-2020102343
 (21) 2020102343 (22) 19.09.2020
 (54) n4riceleaf: AN ANDROID/WEB BASED APPLICATION TO ESTIMATE NITROGEN CONCENTRATION IN RICE CROP
 (51) Int. Cl.
 G06T 7/90 (2017.01)
 G06F 16/248 (2019.01)
 (45) 29.10.2020
 (72) SETHY, PRABIRA KUMAR; Rajpoot, Sharad Chandra; Behera, Santi Kumari; Pandey, Chanki
 (74) Sharad Chandra Rajpoot

Shah, A. see Kanani, P.
 (21) 2020102342

(71) Shandong Institute for Food and Drug Control

(11) AU-A-2020102240
 (21) 2020102240 (22) 14.09.2020
 (54) A quantitative testing method of snake venom thrombin-like enzyme (SVTLE)
 (51) Int. Cl.
 C12Q 1/37 (2006.01)
 C12Q 1/56 (2006.01)
 G01N 33/68 (2006.01)
 (31) 2020107530447 (32) 30.07.20 (33) CN
 (45) 29.10.2020
 (72) Xian, Ruiqing; Shi, Feng; Zhang, Xunjie; Gong, Liping; Hu, Defu; Wang, Weijian; Wang, Congcong; Hang, Baojian; Li, Chunhuan
 (74) Shelston IP Pty Ltd.

Shandong Normal University see Water Resources Research Institute of Shandong Province
 (21) 2020102247

(71) SHANGHAI TENTH PEOPLE'S HOSPITAL
 (11) AU-A-2020102270
 (21) 2020102270 (22) 15.09.2020
 (54) USE OF IU1 IN PREPARATION OF DRUGS FOR TREATING p53-DEFICIENT TUMORS
 (51) Int. Cl.
 A61K 31/4025 (2006.01)
 A61P 35/00 (2006.01)
 C07D 403/06 (2006.01)
 (31) 201911118763.5 (32) 15.11.19 (33) CN
 (45) 29.10.2020
 (72) FU, Da; MA, Yushui
 (74) Wallington-Dummer

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 (11) AU-A-2020102228
 (21) 2020102228 (22) 11.09.2020
 (54) A SYSTEM FOR DETECTION OF CORONA VIRUS IN HUMAN BODY USING ARTIFICIAL INTELLIGENCE
 (51) Int. Cl.
 G16H 50/80 (2018.01)
 A61B 5/01 (2006.01)
 A61B 5/08 (2006.01)
 A61B 5/1455 (2006.01)
 G06N 20/00 (2019.01)
 G16H 50/20 (2018.01)
 (45) 29.10.2020
 (72) Sharma, Arvind K.; Upreti, Kamal; Sidhu, Rajwinder Singh; Agrawal, Pankaj; Herur, Santosh; Bhat, Nagaraj; Madhusudan; Gulati, Kamal; Bhasin, Narinder Kumar; Tewari, Ranjana; Sonth, Mahesh V.; M., Mahendra B.; Kalpana, V.; B., VENKAI AHP-PALASWAMY; Yaseen, Syed Mufassir; Takyi, Kate; Kshirsagar, Pravin R.
 (74) Arvind K. Sharma

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(21) 2020102306

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(21) 2020102322

SHEKHAR, H. see SANKARAN, K.
(21) 2020102231

(71) Shenzhen University
(11) AU-A-2020102266
(21) 2020102266 (22) 15.09.2020
(54) Single-mode fiber with a surface waveguide, SPR biosensor and preparing method
(51) Int. Cl.
G02B 6/02 (2006.01)
G01N 21/552 (2014.01)
(45) 29.10.2020
(72) Liao, Changrui; Wang, Yiping; Zhang, Yunfang; Lin, Chupao
(74) Shelston IP Pty Ltd.

(71) Shenzhen University
(11) AU-A-2020102269
(21) 2020102269 (22) 15.09.2020
(54) Processing system and processing process for a microlens array
(51) Int. Cl.
G02B 3/00 (2006.01)
(45) 29.10.2020
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2020102245	Nanjing Institute of Technology	2020102296	Jilin University
2020102246	Bajpai, S.; Tiwari, S.; Chanpuria, A.; Bajpai, M.; Dubey, D.	2020102297	NONDRILL PTY LTD
2020102247	Water Resources Research Institute of Shandong Province; Shandong Normal University	2020102298	Kegspeed, LLC
2020102248	KOTAMRAJU, S.K.; SONI, M.; SRI KAVYA, K.C.; S, G.; NAIR, R.; BAJPAI, B.; BABU, A.N.; V, S.	2020102300	Dhanalaxmi, B.; Seshagiri Rao, C.R.; Bantu, S.; Sabitha, N.; Srikanth, P.P.; Pallikonda, S.; Raju, Y.; Ramana, S.V.; Kumar, G.S.C.; Padmavathi, M.
2020102249	S, N.; Singh, S.; K, S.; K, S.M.; K, V.; Singh, P.; L, B.; Suman, S.K.; M, S.R.; E, N, G.	2020102301	Gaurav, K.; Singh, P.; Chordiya, S.B.; Jha, M.K.; Kumar, R.; Bhoje, T.S.; Sodhi, R.S.
2020102250	Babu, G.V.; Sivappagari, C.M.R.; Goyal, A.; Kaushik, S.; Bansal, R.; Meera, M.R.; Manjunath, T.; Islam, S.; Guduru, R.R.; Kamatham, H.; Kshirsagar, P.R.; Kumar, S.; Gaur, M.S.; Garnayak, M.K.; SINGLA, D.S.; GOYAL, A.; Bangar, P.; H, G.; Gupta, S.; Vashisht, S.; Yaseen, S.M.; Hassan, M.	2020102303	A, A.; M, A.; S K, M.; C, G.; A V, T.; K, V.
2020102252	Wuhan University of Technology	2020102304	B. Waghulde, K.; Suman, J.V.; Dhane, D.M.; Patil, S.A.; Vasu, V.; Miriala, S.; Patil, A.A.; Kulkarni, N.S.; Chordiya, S.B.
2020102253	Hunan No. 3 Engineering Co., Ltd.; Xiangtan Gewu Energy-saving Building Material Co., Ltd.	2020102305	Reddy Madhavi, K.; Viswanadharaju, S.; Avanija, J.; Sunitha, G.; Sujatha, B.; Sreenivasulu, G.; Kannan, K.S.; Suma, K.G.; Neerugatti, V.; Baseer, K.K.
2020102254	Inner Mongolia University of Technology; Inner Mongolia Zhanhua Technology Co., Ltd.	2020102306	Sengan, S.; V, V.M.; C, A.; V, S.; S, D.; Bhargava, C.; Sharma, P.K.; Aggarwal, V.; Singla, V.K.; Gupta, S.; V, P.
2020102256	Zhejiang Academy of Forestry	2020102308	Fudan University
2020102257	Innovative Products Pty Ltd	2020102309	Nanjing Forestry University
2020102258	Qilu University of Technology	2020102310	Fudan University
2020102259	Guilin Univ. Electr. Technol.; YUAN, L.	2020102311	Shuguang Hospital Affiliated to Shanghai Traditional Chinese Medical University
2020102260	Guilin Univ. Electr. Technol.; YUAN, L.	2020102312	ATF Services Pty Limited
2020102261	Guilin Univ. Electr. Technol.; YUAN, L.	2020102313	South China Botanical Garden, Chinese Academy of Sciences
2020102262	Qilu University of Technology	2020102314	South China Botanical Garden, Chinese Academy of Sciences
2020102263	EKK Holdings Pty Limited	2020102315	Padmavat, C.S.; Sayyad, S.F.; Sayyad, F.B.; Kulkarni, V.P.; Patil, P.S.; More, S.S.; More, P.S.; Dadape, I.Y.; Patil, O.S.; Patil, M.D.; Patil, S.B.
2020102264	Guyuan Branch of Ningxia Academy of Agriculture and Forestry Sciences	2020102316	Mitchell, C.
2020102265	Imperial Wreath Holdings Pty Ltd	2020102317	Xin Xiang Jiuhe Electronic Technology Co., Ltd.
2020102266	Shenzhen University	2020102318	Xin Xiang Jiuhe Electronic Technology Co., Ltd.
		2020102319	Yadav, S.K.; Sayyad, F.B.; Mahajan, R.A.; Saini, B.S.; Patil, P.S.; Sayyad, S.F.; Padmavat, C.S.; Kulkarni, V.P.; Patil, O.S.; More, P.S.; Patil, S.B.

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- 2020102320 Venkatesh, A.; Maurya, S.; Khaira, A.; B M., S.; Bohra, B.; K K., P.; Kumari, G.T.P.; Sabeena, J.; Iatha, G.; Behera, P.C.; Dash, C.; Mishra, B.K.; N, A.K.; Reddy, N.; Kumar, K.; Manoharan, H.; Kshirsagar, P.R.
- 2020102321 Hebei Normal University for Nationalities
- 2020102322 HUMCEN Co; SATHIYAVEL, C.; JANA, A.; JEYANTHY, P.; PRAGADA, D.R.; DURAI PANDY, P.; SHARMA, H.; UPADHAYAYA, N.; PRADHAN, P.K.; SNEHALATHA, K.; SULTANA, T.
- 2020102323 Smith, N.
- 2020102324 Institute of Atmospheric Physics, Chinese Academy of Sciences
- 2020102326 Roubanova, T.; Rubanov, A.
- 2020102327 Chang'an University
- 2020102328 Henan University of Technology
- 2020102329 OPHOP PTY LTD
- 2020102330 Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment
- 2020102331 Zhejiang University of Science & Technology
- 2020102332 Yunnan Agricultural University; Kunming Changshui International Airport, Yunnan Airport Group; Yunnan Yuanke Land Improvement Planning and Design Co., Ltd.
- 2020102333 Tianjin University
- 2020102334 Zaozhuang University
- 2020102335 Lignor Limited
- 2020102336 Institute of Geology and Geophysics, Chinese Academy of Sciences
- 2020102338 MAHAJAN, A.D.; KOHLI, R.; K, S.K.; PATEL, R.G.; S, G.; SONI, M.; K, R.B.
- 2020102339 Short, J.
- 2020102340 Ghamande, M.; Bhattacharjee, A.; Kar, A.; Sahoo, S.C.
- 2020102341 IT PANDA PTY LTD
- 2020102342 Kanani, P.; Vaishnav, H.; Bagul, S.; Kore, A.; Kawade, P.; Khatavkar, C.; Nigrel, S.; Nanade, A.; Nadar, N.; Amrutiya, H.; Gohil, V.; Shah, A.; Sahu, A.; Singh, N.; Parkar, N.
- 2020102343 SETHY, P.; Rajpoot, S.C.; Behera, S.K.; Pandey, C.
- 2020102345 Agrawal, K.K.; Mishra, D.; Singh, S.
- 2020102346 P, M.; M, S.; S, K.; L, N.J.; V, B.; k, S.K.; S, A.; G, S.; C, S.; S, S.; M, K.; P, S.
- 2020102347 Garg, L.; K, R.; Garg, G.; Portelli, E.; Jamal, A.
- 2020102348 Chinese Research Academy of Environmental Sciences
- 2020102350 Guizhou Minzu University
- 2020102351 Apple Inc.
- 2020102352 Illinois Tool Works Inc.
- 2020102353 Beall, R.
- 2020102354 Tianjin Research Institute For Water Transport Engineering.M.O.T.
- 2020102355 Institute of Rock and Soil Mechanics, Chinese Academy of Sciences

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<u>A01B 79 /-</u>	<u>A23K 10 /-</u>	<u>A61P 1 /-</u>	<u>B27N 3 /-</u>	<u>B67D 1 /-</u>	<u>C05F 1 /-</u>
2020101526	2020102275	2020102311	2020102235 2020102335	2020102298	2020102331
<u>A01D 13 /-</u>	<u>A23K 50 /-</u>	<u>A61P 35 /-</u>	<u>B32B 21 /-</u>	<u>B82Y 20 /-</u>	<u>C05F 3 /-</u>
2020102241	2020102275	2020102270	2020102335	2020102260 2020102261	2020102331
<u>A01G 11 /-</u>	<u>A41D 13 /-</u>	<u>A62B 18 /-</u>	<u>B32B 27 /-</u>	<u>B82Y 35 /-</u>	<u>C05F 9 /-</u>
2020102268	2020102286 2020102317 2020102318	2020102286	2020102327	2020102261	2020102331
<u>A01G 17 /-</u>	<u>A44C 15 /-</u>	<u>A62B 23 /-</u>	<u>B32B 37 /-</u>	<u>B82Y 40 /-</u>	<u>C05G 3 /-</u>
2020102281	2020102340	2020102286	2020102327	2020102258 2020102308 2020102310	2019101744 2020102331
<u>A01G 18 /-</u>	<u>A44C 5 /-</u>	<u>A62B 7 /-</u>	<u>B32B 7 /-</u>	<u>C01B 13 /-</u>	<u>C07D 403 /-</u>
2020102268	2020102340	2020102286	2020102335	2020102246	2020102270
<u>A01G 22 /-</u>	<u>A45C 3 /-</u>	<u>A62C 2 /-</u>	<u>B60D 1 /-</u>	<u>C01B 32 /-</u>	<u>C07D 405 /-</u>
2020102230 2020102264	2020102339	2020102243	2020102353	2020102308 2020102310	2020102262
<u>A01G 24 /-</u>	<u>A47J 47 /-</u>	2020102243	<u>B60K 28 /-</u>	<u>C01G 49 /-</u>	<u>C08F 134 /-</u>
2020102256	2020102289	<u>B01F 13 /-</u>	2020102320	2020102246	2020102308 2020102310
<u>A01G 25 /-</u>	<u>A47K 17 /-</u>	2020102236	<u>B62H 3 /-</u>	<u>C02F 1 /-</u>	<u>C08F 255 /-</u>
2020102249	2020102340	<u>B01F 15 /-</u>	2020102292	2020102246	2020102276
<u>A01K 63 /-</u>	<u>A61B 5 /-</u>	2020102236	<u>B63B 35 /-</u>	2020102247 2020102258 2020102288 2020102333	<u>C08G 61 /-</u>
2020102342	2020102228 2020102250 2020102303 2020102319	<u>B01J 19 /-</u>	2020102348	2020102308 2020102310	2020102308 2020102310
<u>A01M 7 /-</u>	<u>A61F 5 /-</u>	2020102273	<u>B63B 79 /-</u>	<u>C02F 101 /-</u>	<u>C08K 13 /-</u>
2020102306	2020102303	<u>B01J 20 /-</u>	2020102354	2020102333	2020102308 2020102310
<u>A01N 25 /-</u>	2020102303	2020102273 2020102333	<u>B63H 21 /-</u>	<u>C02F 3 /-</u>	<u>C08K 3 /-</u>
2020101526	<u>A61G 17 /-</u>	<u>B01J 21 /-</u>	2020102348	2020102326	2020102308 2020102310
<u>A01N 43 /-</u>	2020102291	2020102258	<u>B64C 39 /-</u>	<u>C02F 9 /-</u>	<u>C08K 5 /-</u>
2020101526 2020102230	<u>A61H 1 /-</u>	<u>B01J 3 /-</u>	2020102304	2020102247 2020102326 2020102330	2020102308 2020102310
<u>A01N 45 /-</u>	2020102303	2020102273	<u>B64D 47 /-</u>	<u>C03C 14 /-</u>	<u>C08K 7 /-</u>
2020101526	<u>A61H 23 /-</u>	<u>B01J 35 /-</u>	2020102304	2020102229	2020102229
<u>A01N 47 /-</u>	2020102322	2020102258	<u>B65B 31 /-</u>	<u>C03C 3 /-</u>	<u>C08L 23 /-</u>
2020101526	<u>A61K 31 /-</u>	<u>B01J 37 /-</u>	2020102313 2020102314	2020102229	2020102276
<u>A01N 51 /-</u>	2020102270	2020102258	<u>B65D 81 /-</u>	2020102229	<u>C09D 151 /-</u>
2020101526	<u>A61K 36 /-</u>	<u>B01L 9 /-</u>	2020102313 2020102314	<u>C04B 32 /-</u>	2020102276
<u>A01P 21 /-</u>	2020102311	2020102239	<u>B65D 88 /-</u>	2020102254	<u>C09K 11 /-</u>
2020102230	<u>A61K 9 /-</u>	<u>B04C 5 /-</u>	2020102335	<u>C04B 35 /-</u>	2020102276
<u>A23B 7 /-</u>	2020102311	2020102212	<u>B65D 90 /-</u>	2020102253 2020102274	2020102262
2020102313 2020102314	<u>A61L 2 /-</u>	<u>B05B 11 /-</u>	2020102335	<u>C05C 9 /-</u>	
	2020102340	2020102340		2020102331	

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2020102212	2020102236	2020102221	2020102300	2020102300	<u>H01C 7 /-</u>
<u>C12P 17 /-</u>	<u>E21D 9 /-</u>	2020102237	2020102343	<u>G06T 7 /-</u>	2020102274
2020102334	2020102355	2020102284	<u>G06F 21 /-</u>	2020102233	<u>H01P 1 /-</u>
<u>C12Q 1 /-</u>	<u>E21F 17 /-</u>	<u>G01F 23 /-</u>	2020102338	2020102343	2020102309
2020102240	2020102243	2020102306	<u>G06F 3 /-</u>	<u>G07C 9 /-</u>	<u>H02J 1 /-</u>
2020102244	2020102267	<u>G01H 9 /-</u>	2020102315	2020102265	2020102231
<u>C25D 3 /-</u>	<u>E21F 5 /-</u>	2020102296	2020102329	<u>G08B 13 /-</u>	<u>H02J 3 /-</u>
2020102321	2020102243	<u>G01N 1 /-</u>	2020102341	2020102265	2018102188
<u>C25D 5 /-</u>	<u>E21F 7 /-</u>	2020102324	2020102351	<u>G08B 19 /-</u>	2020102245
2020102321	2020102243	<u>G01N 21 /-</u>	<u>G06K 17 /-</u>	2020102301	<u>H02J 5 /-</u>
<u>C25D 7 /-</u>	<u>F02D 41 /-</u>	2020102262	<u>G06K 19 /-</u>	<u>G08B 21 /-</u>	2020102231
2020102321	2020102252	2020102266	2020102298	2020102263	<u>H02J 9 /-</u>
<u>E01D 19 /-</u>	<u>F02M 65 /-</u>	<u>G01N 27 /-</u>	2020102316	2020102315	2020102346
2020102290	2020102252	2020102345	2020102347	2020102319	<u>H02M 3 /-</u>
2020102295	<u>F04D 29 /-</u>	<u>G01N 3 /-</u>	<u>G06K 7 /-</u>	2020102320	2020102231
<u>E01F 13 /-</u>	2020102294	2020102283	<u>G06K 9 /-</u>	<u>G08B 25 /-</u>	2020102231
2020102297	<u>F16B 13 /-</u>	<u>G01N 30 /-</u>	2020102233	2020102301	<u>H02M 7 /-</u>
<u>E01F 15 /-</u>	2020102267	2020102328	2020102315	<u>G08B 5 /-</u>	2020102231
2020102297	<u>F16B 25 /-</u>	<u>G01N 33 /-</u>	2020102320	2020102263	<u>H02S 40 /-</u>
<u>E01F 9 /-</u>	2020102352	2020102240	<u>G06N 20 /-</u>	<u>G08C 17 /-</u>	2020102306
2020102297	<u>F16B 41 /-</u>	2020102342	2020102079	2020102263	<u>H04B 1 /-</u>
<u>E02B 15 /-</u>	2020102225	2020102345	2020102228	<u>G08C 19 /-</u>	2020102248
2020102348	<u>F16G 15 /-</u>	<u>G01V 1 /-</u>	2020102320	2020102263	<u>H04B 10 /-</u>
<u>E02D 17 /-</u>	2020102225	<u>G01V 3 /-</u>	<u>G06N 3 /-</u>	<u>G08G 1 /-</u>	2020102296
2020102332	<u>F16L 3 /-</u>	2020102336	2020102233	2020102350	<u>H04B 5 /-</u>
<u>E02D 3 /-</u>	2020102267	<u>G01W 1 /-</u>	2020102320	<u>G08G 5 /-</u>	2020102265
2020102332	<u>F16L 55 /-</u>	2020102354	<u>G06Q 10 /-</u>	2020102304	<u>H04L 12 /-</u>
<u>E03F 1 /-</u>	2020102257	<u>G02B 27 /-</u>	2020102280	<u>G10L 15 /-</u>	2020102234
2020102326	<u>F16M 11 /-</u>	2020102260	2020102287	2020102315	<u>H04L 29 /-</u>
<u>E04B 1 /-</u>	2020102312	2020102261	2020102298	<u>G16H 50 /-</u>	2020102234
2020102352	<u>F16M 13 /-</u>	<u>G02B 3 /-</u>	2020102300	2020102228	<u>H04L 9 /-</u>
<u>E04B 2 /-</u>	2020102312	2020102269	2020102305	2020102232	2020102338
2020102352	<u>F21V 9 /-</u>	<u>G02B 6 /-</u>	2020102329	<u>G21K 1 /-</u>	<u>H04N 1 /-</u>
<u>E04H 13 /-</u>	2020102263	2020102259	2020102347	2020102259	2020102338
2020102291	<u>F25C 1 /-</u>	2020102260	<u>G06Q 20 /-</u>	<u>H01B 13 /-</u>	<u>H04R 1 /-</u>
<u>E21B 36 /-</u>	2020102221	2020102266	<u>G06Q 30 /-</u>	2020102316	2020102323
2020102242	2020102237	2020102272	2020102329	<u>H01B 3 /-</u>	<u>H04R 25 /-</u>
	2020102284	<u>G06F 1 /-</u>	2020102287	2020102276	2020102323
		2020102319	<u>G06Q 40 /-</u>	<u>H01B 7 /-</u>	2020102293
			2020102079		

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No IPC Mark

PCT applications which have entered the National Phase

Name Index

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

<p>(71) AbbVie Inc. (11) AU-A-2019268333 (21) 2019268333 (22) 15.05.2019 (54) Treating solid tumors with bromodomain inhibitors (51) Int. Cl. A61K 31/437 (2006.01) A61P 35/00 (2006.01) (87) WO2019/222331 (31) 62/671,522 (32) 15.05.18 (33) US (43) 21.11.2019 (72) ALBERT, Daniel; GAO, Wenqing; KATI, Warren; MCKEE, Mark; WONG, Shek-man (74) Spruson & Ferguson</p>	<p>(31) 18171245.6 (32) 08.05.18 (33) EP (43) 14.11.2019 (72) MOURRAN, Claudia; SIESS, Thorsten (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd. (11) AU-A-2019204733 (21) 2019204733 (22) 12.04.2019 (54) Performing parallel execution of transactions in a distributed ledger system (51) Int. Cl. G06F 9/46 (2006.01) G06Q 20/00 (2012.01) (87) WO2019/120334 (43) 27.06.2019 (72) Xie, Guilu (74) Spruson & Ferguson</p> <hr/> <p>(71) AECOM (11) AU-A-2019245374 (21) 2019245374 (22) 29.03.2019 (54) Digital design tools for building construction (51) Int. Cl. G06Q 10/10 (2012.01) (87) WO2019/191638 (31) 62/650,077 (32) 29.03.18 (33) US (43) 03.10.2019 (72) JONES, Stephan Alexander; DAVIES, Gavin Miles James (74) Michael Buck IP</p> <hr/> <p>(71) Al Fluidics Pty Ltd (11) AU-A-2019277193 (21) 2019277193 (22) 12.03.2019 (54) Method and apparatus for controlling and manipulation of multi-phase flow in microfluidics using artificial intelligence (51) Int. Cl. B01L 3/00 (2006.01) G01N 15/00 (2006.01) G06N 20/00 (2019.01) (87) WO2019/227126 (31) 2018901863 (32) 28.05.18 (33) AU (43) 05.12.2019 (72) NGUYEN, Nam-Trung; GAO, Yongsheng; ZHOU, Jun; TAN, Say Hwa (74) Spruson & Ferguson</p> <hr/> <p>(71) Aker Solutions AS (11) AU-A-2019252890 (21) 2019252890 (22) 10.04.2019 (54) Method of and system for connecting to a tubing hanger (51) Int. Cl. E21B 33/043 (2006.01) (87) WO2019/199177 (31) 20180488 (32) 10.04.18 (33) NO</p>	<p>(43) 17.10.2019 (72) KARDEC, Alan; AUGUSTO, Alexandre; ANASTACIO, Felipe Ehike; MELLO, Henrique; TOLEDO, Marcel; REHEM, Michel (74) WRAYS PTY LTD</p> <hr/> <p>(71) Aker Solutions AS (11) AU-A-2019271726 (21) 2019271726 (22) 13.05.2019 (54) Petroleum production process system and method of operation (51) Int. Cl. E21B 41/00 (2006.01) E21B 43/00 (2006.01) E21B 43/01 (2006.01) (87) WO2019/221608 (31) 20180680 (32) 14.05.18 (33) NO (43) 21.11.2019 (72) LAUVDAL, Anders; BUNGER, Tylar Paul (74) WRAYS PTY LTD</p> <hr/> <p>(71) AlaMab Therapeutics, Inc. (11) AU-A-2019249427 (21) 2019249427 (22) 02.04.2019 (54) Connexin 43 antibodies and use thereof (51) Int. Cl. C07K 16/18 (2006.01) C07K 7/06 (2006.01) C07K 16/28 (2006.01) (87) WO2019/195273 (31) 62/651,668 (32) 02.04.18 (33) US (43) 10.10.2019 (72) ZHANG, Yanfeng (74) WRAYS PTY LTD</p> <hr/> <p>(71) Albert Einstein College of Medicine (11) AU-A-2019262056 (21) 2019262056 (22) 01.05.2019 (54) HSV-2-delta-gD vaccines and methods for their production and use (51) Int. Cl. A61K 39/245 (2006.01) A61K 39/12 (2006.01) C12N 7/00 (2006.01) (87) WO2019/213305 (31) 62/665,050 (32) 01.05.18 (33) US (43) 07.11.2019 (72) JACOBS, William; HEROLD, Betsy; DARDICK, Joseph; WEISS, Kayla A. (74) Spruson & Ferguson</p> <hr/> <p>(71) Alcon Inc. (11) AU-A-2019281356 (21) 2019281356 (22) 31.05.2019 (54) Systems and methods for reflection-based positioning relative to an eye (51) Int. Cl. A61B 3/15 (2006.01)</p>
<p>(71) Abeome Corporation (11) AU-A-2019239850 (21) 2019239850 (22) 19.03.2019 (54) High affinity neutralizing monoclonal antibodies to programmed death ligand 1 (PD-L1) and uses thereof (51) Int. Cl. C07K 16/28 (2006.01) G01N 33/577 (2006.01) (87) WO2019/183093 (31) 62/644,832 (32) 19.03.18 (33) US (43) 26.09.2019 (72) SHIMKETS, Richard; VINCENT, Thomas; JACKSON, Crystal (74) FB Rice Pty Ltd</p>	<p>(71) Abiomed Europe GmbH (11) AU-A-2019264734 (21) 2019264734 (22) 17.04.2019 (54) Corrosion-resistant permanent magnet and intravascular blood pump comprising the magnet (51) Int. Cl. H01F 41/02 (2006.01) A61M 1/10 (2006.01) F16C 1/00 (2006.01) H01F 7/02 (2006.01) (87) WO2019/214920</p>	

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(87) WO2019/234574
 (31) 62/681,440 (32) 06.06.18 (33) US
 (43) 12.12.2019
 (72) ZIEGER, Peter; GRUENDIG, Martin;
 BIRKNER, Sascha
 (74) Phillips Ormonde Fitzpatrick

(71) Algatechnologies Ltd.
 (11) AU-A-2019247947
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A23L 17/60 (2016.01)
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C07C 221/00 (2006.01)
B01J 23/30 (2006.01)
B01J 23/46 (2006.01)
C07C 45/66 (2006.01)
C07C 49/12 (2006.01)
C07C 49/24 (2006.01)
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C04B 7/24 (2006.01)
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C04B 7/153 (2006.01)
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C04B 12/00 (2006.01)
C04B 28/00 (2006.01)
H01M 2/16 (2006.01)
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A61K 31/519 (2006.01)
A61P 29/00 (2006.01)
C07D 213/81 (2006.01)
C07D 213/82 (2006.01)
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A01B 79/00 (2006.01)
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A47C 20/00 (2006.01)
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A61L 27/38 (2006.01)
A61L 27/54 (2006.01)
B29C 64/386 (2017.01)
B33Y 30/00 (2015.01)
B33Y 70/00 (2015.01)
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F15B 15/14 (2006.01)
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F17C 11/00 (2006.01)
B01D 53/04 (2006.01)
C01B 3/00 (2006.01)
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B61B 7/02 (2006.01)
B61B 7/06 (2006.01)
B61B 12/00 (2006.01)
B61F 3/04 (2006.01)
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H04N 1/32 (2006.01)
G03G 15/08 (2006.01)
G06F 13/12 (2006.01)
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H04N 1/23 (2006.01)
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G06K 15/00 (2006.01)
G06F 3/12 (2006.01)
G06F 21/60 (2013.01)
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G06F 3/00 (2006.01)
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G06F 9/22 (2006.01)
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H04B 1/38 (2015.01)
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C07K 16/18 (2006.01)
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B01D 53/00 (2006.01)
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C02F 1/66 (2006.01)
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F41G 3/26 (2006.01)
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B23Q 1/70 (2006.01)
B29C 35/02 (2006.01)
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C07D 487/16 (2006.01)
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A61P 9/10 (2006.01)
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C12N 15/00 (2006.01)
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H01Q 1/40 (2006.01)
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H01L 27/18 (2006.01)
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A61K 31/17 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
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G01D 4/00 (2006.01)
G01F 1/66 (2006.01)
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E21C 41/26 (2006.01)
F42D 3/04 (2006.01)
F42D 1/02 (2006.01)
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H04Q 11/04 (2006.01)
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 C07D 311/02 (2006.01)
 C07D 311/04 (2006.01)
 C07D 311/22 (2006.01)
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 of use thereof
 (51) Int. Cl.
 A61K 31/197 (2006.01)
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 C07K 1/113 (2006.01)
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 into neurons and methods and compos-
 itions to treat neurodegenerative dis-
 eases and disorders
 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61P 25/28 (2006.01)
 C12N 5/079 (2010.01)
 C12N 5/0793 (2010.01)
 C12N 15/11 (2006.01)
 C12N 15/113 (2010.01)
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 F41B 9/00 (2006.01)
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 ThyssenKrupp AG
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 the bucket of a bucket-wheel excavator
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C09D 5/24 (2006.01)
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C09K 3/16 (2006.01)
H01B 1/12 (2006.01)
H01G 9/00 (2006.01)
H01G 9/028 (2006.01)
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C12Q 1/68 (2018.01)
C40B 40/06 (2006.01)
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C04B 33/02 (2006.01)
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(51) Int. Cl.
C04B 33/02 (2006.01)
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C04B 33/138 (2006.01)
C04B 33/22 (2006.01)
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C04B 33/02 (2006.01)
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H04W 12/06 (2009.01)
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B22F 3/105 (2006.01)

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D06F 58/02 (2006.01)
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 pneumatic retractors
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B62D 7/14 (2006.01)
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G05D 1/02 (2006.01)
G05B 23/02 (2006.01)
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 plexed tumor vaccination with endogen-
 ous gene activation
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C12N 9/22 (2006.01)
C12N 15/63 (2006.01)
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 with autonomous processing capability
 and its communication procedure
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H04B 5/00 (2006.01)
G06K 19/07 (2006.01)
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A47C 3/40 (2006.01)
A47B 3/00 (2006.01)
A47C 4/00 (2006.01)
F16B 7/12 (2006.01)
F16M 11/28 (2006.01)
F16M 11/32 (2006.01)
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(74) Wallington-Dummer

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(54) Methods, apparatus and systems for
 preempting uplink transmission re-
 source in a wireless communication
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H04W 72/04 (2009.01)
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 Wei
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(21) 2019248305 **(22)** 04.04.2019
(54) Method and device for determining and
 detecting time domain resource, stor-
 age medium, and electronic device
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H04W 72/04 (2009.01)
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 Bl, Feng
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2018410348	LOVELAND Co., Ltd.	2019243547	Morris, C.
2018414629	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.	2019243724	CohBar, Inc.
2018415594	N.V. Nutricia	2019245276	VulcanForms Inc.
2018415667	Huawei Technologies Co., Ltd.	2019245296	Kimberly-Clark Worldwide, Inc.
2018417441	WINGOLD GmbH	2019245333	ContraFect Corporation
2018417507	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019245369	ContraFect Corporation
2018417513	ZTE Corporation	2019245374	AECOM
2018418326	Smartwash Solutions, LLC	2019245443	ESCO Group LLC
2018418453	South China University of Technology	2019245479	Pebble Labs USA Inc.
2018418520	Building IP Holdings Pty Ltd	2019246196	GE Healthcare AS
2018418996	teamLab Inc.	2019246290	Daikin Industries, Ltd.
2018419625	Watson & Chalin Manufacturing, Inc.	2019246424	L'air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude
2018421051	Mitsubishi Electric Corporation	2019246983	Amgen Inc.
2018422053	Turun yliopisto	2019247383	Duke University
2018422381	V-Zug AG	2019247386	Meedl68 Lp
2018424260	Google LLC	2019247408	Avalon Polymills (HK) Limited
2018429394	Google LLC	2019247412	The General Hospital Corporation
2018435522	Halliburton Energy Services, Inc.	2019247650	President and Fellows of Harvard College
2019204733	Advanced New Technologies Co., Ltd.	2019247677	Becton Dickinson and Company Limited
2019223390	Shah, S.; Desai, U.; Amin, A.; Patel, Y.	2019247751	Bonti, Inc.
2019224855	LG Electronics Inc.	2019247846	Halkey-Roberts Corporation
2019226555	Teleflex Medical Incorporated	2019247947	Algatechnologies Ltd.
2019226631	Sustainable Eye Health Pty Ltd	2019248305	ZTE Corporation
2019230200	University of Notre Dame du Lac	2019248309	Huawei Technologies Co., Ltd.
2019231794	PathogenDx, Inc.	2019248548	Illustro Solutions, LLC
2019231893	The Regents of the University of California	2019248760	Innova Patent GmbH
2019232249	Breen, I.	2019249246	Caterpillar Global Mining LLC
2019232854	J&C Trading Co., Ltd.	2019249271	Orbis Intelligent Systems, Inc.
2019233065	Osaka University	2019249357	Voice Life Inc.
2019233613	Hospital Clinic de Barcelona (HCB); Sepsia Therapeut- ics, S.L.	2019249377	Flo'Sail Srl
2019233651	Institut Químic de Sarrià Cets Fundació Privada	2019249427	AlaMab Therapeutics, Inc.
2019233734	Schreder S.A.	2019249431	Dynamic Infrastructure Ltd.
2019233772	The Secretary of State for Defence	2019249761	LG Electronics Inc.
2019233846	Infinity Retractable Screens Pty Ltd	2019249762	LG Electronics Inc.
2019234104	Canva Pty Ltd.	2019250367	Bayer Aktiengesellschaft
2019234194	Ospedale Pediatrico Bambino Gesu'	2019250427	Schreder S.A.
2019234645	Shoulder Innovations, Inc.	2019250452	Haldor Topsøe A/S
2019234726	MELD Manufacturing Corporation	2019250537	Invent Medic Sweden AB
2019234827	Renew Health Limited	2019250616	Bayer Aktiengesellschaft
2019235398	ThyssenKrupp Industrial Solutions AG; ThyssenKrupp AG	2019250617	Bayer Aktiengesellschaft
2019235523	NovImmune SA	2019250773	Colour Tone Masterbatch Ltd
2019235615	Henry Young & Sons Proprietary Limited	2019250781	ITS Cycling Limited
2019235617	Locata Corporation Pty Ltd	2019250832	SignPath Pharma, Inc.
2019235659	Comfortel Furniture Pte. Ltd.	2019250980	Nanopharmaceuticals, LLC
2019235867	InnoVasion Labs, Inc.	2019251152	Huawei Technologies Co., Ltd.
2019237832	Green Cross Lab Cell Corporation	2019251176	South Bank University Enterprises Ltd
2019238082	Meggitt Training Systems, Inc.	2019251191	The General Hospital Corporation
2019239311	Equifax Inc.	2019251227	Renaissance Fiber, LLC
2019239357	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shirui Electronics Co. Ltd.	2019251421	Checkmate Pharmaceuticals
2019239514	Fertin Pharma A/S	2019251474	Align Technology, Inc.
2019239776	PyroGenesis Canada Inc.	2019251493	Lubrizol Advanced Materials, Inc.
2019239818	Betolar Oy	2019251560	Pandrol Limited
2019239819	Betolar Oy	2019251583	JPMorgan Chase Bank, N.A.
2019239850	Abeome Corporation	2019251973	Regeneron Pharmaceuticals, Inc.
2019240218	biOasis Technologies, Inc.	2019252063	Nippon Telegraph and Telephone Corporation
2019240264	RAI Strategic Holdings, Inc.	2019252114	Starry, Inc.
2019240901	Exosomics S.p.A.	2019252128	Carnegie Mellon University
2019240906	Hummingbird Bioscience Holdings Pte. Ltd.	2019252255	Ge, Y.; Mars Sciences Limited
2019241240	Jiangsu Hengrui Medicine Co., Ltd.	2019252285	Umoja Biopharma, Inc.
2019241779	LG Electronics Inc.	2019252429	Lexmark International, Inc.
2019242168	Tokuyama Dental Corporation	2019252443	Avava, Inc.
2019242520	Toray Industries, Inc.	2019252534	The Regents of the University of California
		2019252552	Karll, N.
		2019252560	Lexmark International, Inc.
		2019252672	Board of Regents, The University of Texas System
		2019252717	Yocto Technologies, S.L.

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2019252795	Bristol-Myers Squibb Company	2019270999	Depuy Ireland Unlimited Company
2019252847	Leitner S.p.A.	2019271419	Bionomics Limited
2019252890	Aker Solutions AS	2019271420	Bionomics Limited
2019252944	Kite Pharma, Inc.	2019271726	Aker Solutions AS
2019252947	Guardant Health, Inc.	2019272874	Blue River Technology Inc.
2019253085	Board of Regents, The University of Texas System; Zumbuehl, A.	2019274450	Allergenis LLC; Icahn School of Medicine at Mount Sinai
2019253112	Grail, Inc.	2019276359	Quriert Co., Ltd.
2019253130	D & D	2019277193	AI Fluidics Pty Ltd
2019253285	Archer Daniels Midland Company	2019278870	AbbVie Stemcentrx LLC
2019253288	Archer Daniels Midland Company	2019280170	Société des Produits Nestlé S.A.
2019253298	Neuros Medical, Inc.	2019280205	Apple Inc.
2019253332	Stepan Company	2019281356	Alcon Inc.
2019253505	British American Tobacco	2019281373	Apple Inc.
2019253569	Singlera Genomics, Inc.	2019282150	Trustees of Tufts College; Avacta Life Sciences, Limited
2019253603	Ecolab USA Inc.	2019284094	Humab Co., Ltd.
2019253914	Mahtava Enterprises Pty Ltd	2019285821	Hydro Limited
2019254034	Ethicon, Inc.	2019288385	BP Corporation North America Inc.
2019254537	F.Hoffmann-La Roche AG	2019289010	Hollister Incorporated
2019254542	Vecor IP Holdings	2019290413	Northrop Grumman Systems Corporation
2019254543	Vecor IP Holdings	2019291439	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019254544	Vecor IP Holdings	2019293150	Dyson Technology Limited
2019254596	F. Hoffmann-La Roche AG	2019293152	Dyson Technology Limited
2019254681	Estetra SPRL	2019294731	Immatics Biotechnologies GmbH
2019255175	Orica International Pte Ltd	2019294751	Vorderwülbecke, M.
2019255227	Lexmark International, Inc.	2019295482	Northrop Grumman Systems Corporation
2019255323	Yale University	2019297148	Guardian Glass, LLC
2019255473	Kyocera Senco Industrial Tools, Inc.	2019299619	Cyber Top Trading Limited
2019255638	Lexmark International, Inc.	2019309505	Hochiki Corporation
2019255781	Lyvgen Biopharma Co., Ltd.	2019315065	Komatsu Ltd.
2019256011	Chaturvedi, A.	2019327378	ContraFect Corporation
2019256021	Panasonic Intellectual Property Corporation of America	2019334536	Komatsu Ltd.
2019256237	Nanjingjinsirui Science & Technology Biology Corp.	2019339973	Beijing Goldwind Science & Creation Windpower Equip- ment Co., Ltd.
2019256461	Bayer HealthCare LLC	2019356037	Goli Nutrition Inc.
2019256788	CellCentric Ltd	2019380276	CSP Technologies, Inc.
2019257292	Wing Aviation LLC	2019390995	China University of Mining and Technology
2019257696	LightForce Orthodontics, Inc.	2019438357	Qingdao University of Technology
2019258575	Shionogi & Co., Ltd.	2020203508	Samsung Electronics Co., Ltd.
2019258584	NetComm Wireless Pty Ltd	2020223752	Apple Inc.
2019259292	Cytea GmbH		
2019259653	Pfizer Inc.		
2019259686	Shionogi & Co., Ltd.		
2019260455	HBM2 Limited		
2019260497	PepsiCo, Inc.		
2019260525	Triathlon Batterien GmbH		
2019260569	QIAGEN Sciences LLC		
2019260608	Merck Sharp & Dohme Corp.		
2019261299	MAKO Surgical Corp.		
2019261425	MannKind Corporation		
2019261433	Geosyntec Consultants, Inc.		
2019262056	Albert Einstein College of Medicine		
2019262169	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.		
2019262589	Amgen Inc.		
2019263626	BP Exploration Operating Company Limited		
2019264022	Nicoventures Trading Limited		
2019264734	Abiomed Europe GmbH		
2019264834	Metso Minerals, Inc.		
2019264974	Cellect Biotherapeutics Ltd.		
2019265663	Rutgers, The State University of New Jersey		
2019265740	Cocrystal Pharma, Inc.		
2019267011	CIS Pharma AG		
2019267349	Phanes Therapeutics, Inc.		
2019267357	Northrop Grumman Systems Corporation		
2019268333	AbbVie Inc.		
2019268562	Zaifman, Y.		
2019268583	Novartis AG		
2019269123	Nova Bio-Pharma Product Development Ltd		
2019270181	Chan Zuckerberg Biohub, Inc.; The Board of Trustees of The Leland Stanford Junior University		
2019270342	MorphoSys AG		
2019270985	Immatics Biotechnologies GmbH		

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2019272874	2019253505	2019226555 2019252063		<u>A61K 8 /-</u>	2019271419 2019271420
<u>A01C 15 /-</u>	<u>A24F 47 /-</u>	<u>A61B 90 /-</u>	<u>A61K 33 /-</u>	2019251493	<u>A61P 3 /-</u>
2019272874	2019240264 2019264022	2019270999	2019239514	<u>A61K 9 /-</u>	2019243724 2019247947
<u>A01C 21 /-</u>	<u>A41B 9 /-</u>	<u>A61C 13 /-</u>	<u>A61K 35 /-</u>	2019239514 2019250832 2019259686 2019269123	<u>A61P 31 /-</u>
2019272874	2019253914	2019242168	2019243724 2019247383 2019247947 2019264974 2019265663	<u>A61L 15 /-</u>	2019233613 2019245333 2019245369 2019247751 2019259686 2019265740 2019327378
<u>A01K 15 /-</u>	<u>A45D 24 /-</u>	<u>A61C 3 /-</u>	<u>A61K 36 /-</u>	2019245296	
2018417441	2019235659	2019243547	2019294751	<u>A61L 27 /-</u>	
<u>A01K 5 /-</u>	<u>A45F 3 /-</u>	<u>A61C 5 /-</u>	<u>A61K 38 /-</u>	2019233651 2019252128	<u>A61P 35 /-</u>
2018417441	2018418326	2019242168	2019233613 2019245333 2019245369 2019247751 2019265663 2019327378	<u>A61M 1 /-</u>	2019235523 2019240906 2019241240 2019242520 2019243408 2019243724 2019250832 2019250980 2019252795 2019252944 2019254537 2019255781 2019256788 2019259653 2019262589 2019267011 2019267349 2019268333 2019276359 2019294731
<u>A01N 25 /-</u>	<u>A46B 17 /-</u>	<u>A61C 7 /-</u>	<u>A61K 39 /-</u>	<u>A61M 16 /-</u>	
2019250616 2019250617 2019380276	2019235659	2019251474 2019253130 2019257696	2019234194 2019240218 2019240906 2019241240 2019242520 2019251421 2019252795 2019252944 2019254537 2019255781 2019262056 2019267349 2019270342 2019270985 2019294731	2019264734	
<u>A01N 43 /-</u>	<u>A47B 3 /-</u>	<u>A61D 19 /-</u>	<u>A61K 45 /-</u>	<u>A61M 25 /-</u>	
2019250616 2019250617	2019268562	2019247412	2019253298	2019289010	
<u>A01N 57 /-</u>	<u>A47C 20 /-</u>	<u>A61F 13 /-</u>	<u>A61N 1 /-</u>	<u>A61M 27 /-</u>	
2019245479	2019232249	2019245296	2019253298	2019289010	
<u>A01N 59 /-</u>	<u>A47C 3 /-</u>	<u>A61F 2 /-</u>	<u>A61N 5 /-</u>	<u>A61M 5 /-</u>	
2019380276	2019268562	2019233651 2019234645 2019250537 2019252128	2019253298	2019247677 2019256461	
<u>A01N 63 /-</u>	<u>A47C 4 /-</u>	<u>A61F 5 /-</u>	<u>A61N 1 /-</u>	<u>A61M 16 /-</u>	
2019265663	2019268562	2019253130	2019253298	2019289010	
<u>A01P 5 /-</u>	<u>A47D 13 /-</u>	<u>A61J 1 /-</u>	<u>A61K 47 /-</u>	<u>A61N 1 /-</u>	
2019250617	2019232249	2019247677	2018415594 2019265740	2019253298	
<u>A01P 7 /-</u>	<u>A47J 43 /-</u>	<u>A61K 31 /-</u>	<u>A61K 47 /-</u>	<u>A61N 5 /-</u>	
2019250616 2019250617	2018418326	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123	2019254537 2019259686 2019267011 2019269123 2019278870 2019282150	2019226631	
<u>A23K 20 /-</u>	<u>A61B 1 /-</u>	<u>A61K 31 /-</u>	<u>A61K 48 /-</u>	<u>A61P 1 /-</u>	
2019280170	2019252443	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123	2019254537 2019259686 2019267011 2019269123 2019278870 2019282150	2019243724	
<u>A23K 50 /-</u>	<u>A61B 17 /-</u>	<u>A61K 31 /-</u>	<u>A61K 49 /-</u>	<u>A61P 19 /-</u>	
2019280170	2019247412 2019254034 2019270999	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123	2019254537 2019259686 2019267011 2019269123 2019278870 2019282150	2019247383	
<u>A23L 17 /-</u>	<u>A61B 18 /-</u>	<u>A61K 31 /-</u>	<u>A61K 51 /-</u>	<u>A61P 25 /-</u>	
2019247947	2019252443	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123	2019254537 2019259686 2019267011 2019269123 2019278870 2019282150	2019247383	
<u>A23L 2 /-</u>	<u>A61B 3 /-</u>	<u>A61K 31 /-</u>		2019243724 2019246983 2019252534 2019258575 2019294751	
2019356037	2019281356	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123		2019243724 2019246983 2019252534 2019258575 2019294751	
<u>A23L 33 /-</u>	<u>A61B 34 /-</u>	<u>A61K 31 /-</u>			
2018415594 2019280170	2019270999	2019231893 2019239514 2019242520 2019250832 2019250980 2019251191 2019254537 2019254681 2019256788 2019258575 2019259686 2019260608 2019262169 2019262589 2019264022 2019265663 2019265740 2019268333 2019268583 2019269123			

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<u>A62C 2 /-</u>	<u>B22F 9 /-</u>	<u>B41F 9 /-</u>	<u>B65D 41 /-</u>	<u>C07C 221 /-</u>	<u>C07D 403 /-</u>
2019251176	2019239776	2019256011	2019252552	2019253285	2019243408 2019262589
<u>A62C 35 /-</u>	<u>B23D 49 /-</u>	<u>B41J 2 /-</u>	<u>B65D 50 /-</u>	<u>C07C 225 /-</u>	<u>C07D 405 /-</u>
2019251176	2019263626	2019260455	2019252552	2019253285	2019259653
<u>A62C 99 /-</u>	<u>B23K 20 /-</u>	<u>B41J 3 /-</u>	<u>B65D 55 /-</u>	<u>C07C 29 /-</u>	<u>C07D 413 /-</u>
2019251176	2019234726	2019260455	2019252552	2019264022	2019256788
<u>A63B 21 /-</u>	<u>B23Q 1 /-</u>	<u>B41M 5 /-</u>	<u>B65G 17 /-</u>	<u>C07C 45 /-</u>	<u>C07D 471 /-</u>
2018259152 2019285821	2019234726	2019245296	2019248760	2019253285 2019253288	2019262589 2019268583 2019271419 2019271420
<u>A63B 23 /-</u>	<u>B25B 29 /-</u>	<u>B60B 21 /-</u>	<u>B66B 5 /-</u>	<u>C07C 49 /-</u>	
2019285821	2019245443	2019250781	2019390995	2019253285	
<u>A63B 24 /-</u>	<u>B25C 1 /-</u>	<u>B60R 1 /-</u>	<u>C01B 3 /-</u>	<u>C07C 51 /-</u>	<u>C07D 487 /-</u>
2019285821	2019255473	2019334536	2019246424	2019253288	2019259653 2019260608 2019262589 2019271420
<u>A63B 69 /-</u>	<u>B25C 7 /-</u>	<u>B61B 12 /-</u>	<u>C02F 1 /-</u>	<u>C07C 59 /-</u>	
2019285821	2019255473	2019252847	2019234827 2019247386	2019253288	<u>C07D 498 /-</u>
<u>B01D 53 /-</u>	<u>B28C 9 /-</u>	<u>B61B 7 /-</u>	<u>C02F 9 /-</u>	<u>C07D 209 /-</u>	2019258575 2019259653
2019246424 2019247386	2019247386	2019252847	2019234827	2019271420	
<u>B01D 61 /-</u>	<u>B28D 1 /-</u>	<u>B61F 3 /-</u>	<u>C03C 27 /-</u>	<u>C07D 213 /-</u>	<u>C07F 9 /-</u>
2019234827	2019263626	2019252847	2019241779	2019271419 2019271420	2019253085
<u>B01D 65 /-</u>	<u>B29B 7 /-</u>	<u>B61F 5 /-</u>	<u>C03C 8 /-</u>	<u>C07D 231 /-</u>	<u>C07K 1 /-</u>
2019234827	2019250773	2019252847	2019241779	2019271419	2019231893
<u>B01J 23 /-</u>	<u>B29C 35 /-</u>	<u>B61F 9 /-</u>	<u>C04B 12 /-</u>	<u>C07D 235 /-</u>	
2019253285	2019234726 2019245276	2019252847	2019239819	2019262169	2019240218 2019243724 2019245333 2019245369 2019250367 2019252672 2019252944 2019270181 2019270985 2019294731 2019327378
<u>B01L 3 /-</u>	<u>B29C 48 /-</u>	<u>B62D 7 /-</u>	<u>C04B 22 /-</u>	<u>C07D 239 /-</u>	
2018418453 2019226555 2019247412 2019277193	2019250773	2018419625	2019247386	2019271419	
<u>B07B 1 /-</u>	<u>B29C 64 /-</u>	<u>B63B 32 /-</u>	<u>C04B 28 /-</u>	<u>C07D 241 /-</u>	
2019264834	2019252128	2019249377	2019239818 2019239819	2019271419	
<u>B08B 3 /-</u>	<u>B29C 70 /-</u>	<u>B63B 35 /-</u>	<u>C04B 33 /-</u>	<u>C07D 249 /-</u>	<u>C07K 16 /-</u>
2018418326	2019234726	2019247386 2019249377	2019254542 2019254543 2019254544	2019271419	2019235523 2019239850 2019240218 2019240906 2019241240 2019242520 2019246983 2019249427 2019250367 2019252795 2019252944 2019254537 2019254596 2019255781 2019270181 2019270342 2019278870 2019282150
<u>B08B 5 /-</u>	<u>B33Y 10 /-</u>	<u>B63C 11 /-</u>	<u>C04B 35 /-</u>	<u>C07D 271 /-</u>	
2019235659	2019245276	2019249377	2019254542 2019254543 2019254544	2019271419	
<u>B09C 1 /-</u>	<u>B33Y 30 /-</u>	<u>B63C 9 /-</u>	<u>C04B 7 /-</u>	<u>C07D 277 /-</u>	
2019261433	2019252128	2019247846	2019239818 2019239819	2019271419	
<u>B22F 3 /-</u>	<u>B33Y 70 /-</u>	<u>B63H 1 /-</u>	<u>C04B 11 /-</u>	<u>C07D 311 /-</u>	
2019234726 2019245276	2019252128	2019235615	2019239818 2019239819	2019251191	
	<u>B41F 23 /-</u>	<u>B65D 33 /-</u>	<u>C05F 11 /-</u>	<u>C07D 401 /-</u>	
	2019256011	2019233772	2019223390	2019259653 2019276359	

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2019240218	2019237832	2019249761	2019235615	2019246290	2019252255
2019245369	2019241240		2019293150	<u>F24F 13 /-</u>	
2019250367	2019252534	<u>D06M 15 /-</u>	2019293152	2019246290	<u>G03G 15 /-</u>
<u>C07K 7 /-</u>	2019264974	2019247408			2019252429
	2019270181		<u>F04F 5 /-</u>	<u>F25B 1 /-</u>	
2019249427	<u>C12N 7 /-</u>	<u>D06M 16 /-</u>	2019293150	2018421051	<u>G05B 19 /-</u>
	2019251421	2019247408	2019293152		2019234726
<u>C08G 18 /-</u>	2019262056	<u>E01B 9 /-</u>	<u>F15B 15 /-</u>	<u>F41A 33 /-</u>	
2019253332	<u>C12N 9 /-</u>	2019251560	2019249246	2019238082	<u>G05B 23 /-</u>
<u>C08G 61 /-</u>	2019245369	<u>E02F 9 /-</u>	<u>F16B 7 /-</u>	<u>F41B 9 /-</u>	2019257292
2018422053	2019245479	2019235398	2019268562	2019233772	<u>G05D 1 /-</u>
	2019255323	2019245443		<u>F41G 3 /-</u>	2019257292
<u>C08J 3 /-</u>	<u>C12P 21 /-</u>	2019334536	<u>F16C 1 /-</u>	2019238082	<u>G05D 27 /-</u>
2019250773	2019241240	<u>E04B 1 /-</u>	2019264734		2018418453
<u>C09D 165 /-</u>	<u>C12Q 1 /-</u>	2018418520	<u>F16J 15 /-</u>	<u>F42D 1 /-</u>	
2018422053	2019230200	2019251176	2019249246	2019255175	<u>G06F 1 /-</u>
<u>C09D 5 /-</u>	2019231794	<u>E04C 2 /-</u>	<u>F16M 11 /-</u>	<u>F42D 3 /-</u>	2019290413
2018422053	2019235867	2018418520	2019268562	2019255175	<u>G06F 12 /-</u>
	2019252944	2019232854	<u>F17C 11 /-</u>	<u>G01D 4 /-</u>	2019255638
<u>C09K 17 /-</u>	2019253112	<u>E04F 13 /-</u>	2019246424	2019249271	<u>G06F 13 /-</u>
2019223390	2019253569	2019251176	<u>F21S 8 /-</u>	<u>G01F 1 /-</u>	2018410348
	2019260569	<u>E06B 3 /-</u>	2019250427	2019249271	2019252429
<u>C09K 3 /-</u>	<u>C25B 1 /-</u>	2019299619	<u>F21V 14 /-</u>	<u>G01F 15 /-</u>	
2018422053	2019250452	<u>E06B 9 /-</u>	2019226631	2019249271	<u>G06F 16 /-</u>
<u>C09K 8 /-</u>	<u>C25B 15 /-</u>	2019233846	<u>F21V 23 /-</u>	<u>G01N 15 /-</u>	2018429394
2018435522	2019250452	2019297148	2019226631	2019277193	<u>G06F 17 /-</u>
<u>C12M 1 /-</u>	<u>C40B 40 /-</u>	<u>E21B 25 /-</u>	<u>F21V 29 /-</u>	<u>G01N 21 /-</u>	<u>G06F 21 /-</u>
2019247650	2019230200	2019263626	2019250427	2019235867	2019239311
2019259292	<u>D01C 1 /-</u>	<u>E21B 33 /-</u>	<u>F21V 5 /-</u>	2019249431	2019249357
<u>C12M 3 /-</u>	2019251227	2019252890	2019250427	2019253085	2019252560
2019247412	<u>D06F 35 /-</u>	<u>E21B 41 /-</u>	<u>F21Y 105 /-</u>	2019309505	<u>G06F 3 /-</u>
2019247650	2019249761	2019271726	2019250427	<u>G01N 31 /-</u>	2018418996
<u>C12N 1 /-</u>	2019249762	<u>E21B 43 /-</u>	<u>F21Y 115 /-</u>	2019253603	2019239357
2019241240	<u>D06F 37 /-</u>	2019271726	2019250427	<u>G01N 33 /-</u>	2019252560
<u>C12N 15 /-</u>	2019224855	<u>E21B 49 /-</u>	<u>F23C 99 /-</u>	2019231794	2019255227
2019230200	<u>D06F 58 /-</u>	2019263626	2019261433	2019239850	2019280205
2019241240	2018422381	<u>E21C 41 /-</u>	<u>F23G 7 /-</u>	2019240901	2019281373
2019242520	2019249761	2019255175	2019261433	2019247650	2020223752
2019245333	2019249762	<u>F03B 11 /-</u>	<u>F24D 3 /-</u>	2019251973	<u>G06F 9 /-</u>
2019245479	<u>D06F 71 /-</u>	2019235615	2019232854	2019252672	2019204733
2019251421	2019249761	<u>F04B 39 /-</u>		2019252795	2019255638
2019252285	2019249762	2019293152		2019252944	<u>G06K 15 /-</u>
2019252534	<u>D06F 73 /-</u>			2019270181	2019252560
2019255323	2019249761			2019274450	
2019256237	2019249762			<u>G01R 31 /-</u>	<u>G06K 19 /-</u>
2019260569	2019249761			2019255638	2019252717
2019284094	2019249762				
2019327378					

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2019272874	<u>G16B 40 /-</u>	<u>H02K 1 /-</u>	<u>H04W 8 /-</u>
<u>G06N 10 /-</u>	2019252947	2019339973	2019251152
	2019253112		
2019295482	<u>G16H 50 /-</u>	<u>H03K 3 /-</u>	<u>H04W 84 /-</u>
		2019267357	
<u>G06N 20 /-</u>	2019252947		2019252114
	2019253112	<u>H04B 1 /-</u>	
2019277193			<u>H04W 88 /-</u>
<u>G06N 3 /-</u>	<u>G21G 4 /-</u>	2019235617	
		2019252114	2019252114
2019272874	2019233065		
		<u>H04B 10 /-</u>	<u>H05B 33 /-</u>
<u>G06Q 10 /-</u>	<u>H01B 1 /-</u>	2019252114	2019226631
			2019233734
2019245374	2018422053		
		<u>H04B 5 /-</u>	<u>H05K 5 /-</u>
<u>G06Q 20 /-</u>	<u>H01F 41 /-</u>	2019252717	2019258584
2019204733	2019264734	<u>H04B 7 /-</u>	
<u>G06Q 40 /-</u>	<u>H01F 7 /-</u>		
		2018414629	
2019251583	2019264734	2019235617	
		2019252114	
<u>G06Q 50 /-</u>	<u>H01G 9 /-</u>		
		<u>H04L 12 /-</u>	
2019248548	2018422053	2019252114	
<u>G06T 7 /-</u>	<u>H01L 25 /-</u>	<u>H04L 7 /-</u>	
2019249431	2019226631		
2019261299		2019235617	
2019288385	<u>H01L 27 /-</u>		
2019438357		<u>H04L 9 /-</u>	
	2019226631	2019239311	
	2019295482		
<u>G06T 9 /-</u>			
	<u>H01L 39 /-</u>	<u>H04N 1 /-</u>	
2019256021		2019252429	
	2019295482		
<u>G07F 13 /-</u>	<u>H01L 51 /-</u>	<u>H04N 5 /-</u>	
2019260497	2018422053	2018415667	
		2019239357	
<u>G08B 17 /-</u>	<u>H01M 10 /-</u>		
		<u>H04N 7 /-</u>	
2019309505			
	2019239818		
<u>G08G 1 /-</u>	2019239819	2019334536	
2019315065	<u>H01M 2 /-</u>	<u>H04Q 11 /-</u>	
<u>G09B 5 /-</u>	2019239818	2019252114	
	2019239819		
2019248548	2019260525	<u>H04W 12 /-</u>	
<u>G09B 7 /-</u>	<u>H01M 6 /-</u>	2019249357	
2019248548	2019239818	<u>H04W 56 /-</u>	
	2019239819		
<u>G16B 20 /-</u>		2019235617	
	<u>H01Q 1 /-</u>		
2019231794		<u>H04W 72 /-</u>	
2019252947	2019258584		
2019253112	2020203508	2018417513	
		2019248305	
<u>G16B 25 /-</u>	<u>H01Q 21 /-</u>	2019248309	
		2019252114	
2019231794	2019258584	2019291439	
<u>G16B 30 /-</u>	<u>H01R 4 /-</u>	<u>H04W 74 /-</u>	
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F16M 11/04 (2006.01)
F16M 13/00 (2006.01)
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C12N 1/15 (2006.01)
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C12N 9/10 (2006.01)
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F02C 7/20 (2006.01)
F16M 1/00 (2006.01)
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2014320015	MockV Solutions	2016257626	Université du Québec à Chicoutimi
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2016229918	Case Western Reserve University	2016420400	Intelligent Sciences Ltd.
2016231656	Aktiebolaget SKF	2016426890	Coglix Co.Ltd.
2016233984	N.V. Nutricia	2017201850	Adhar, V.
2016236309	Phyton Holdings LLC	2017203130	Alytech Pty Ltd
2016236347	Sanofi-Aventis Deutschland GmbH	2017206119	Visa International Service Association
2016236816	4th Dimension Developments Pty Ltd	2017207981	ISP Investments LLC
2016245321	Hans Künz GmbH	2017215121	Albemarle Europe SPRL
2016245434	Ela Pharma Ltd	2017216876	Qualcomm Incorporated
2016247589	Allnex Netherlands B.V.	2017218870	DAP Products Inc.
2016250414	Baxter, K.	2017220185	Verdesian Life Sciences U.S., LLC
		2017222376	Johnson Matthey Public Limited Company
		2017223924	Sakata Inx Corporation

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2017233716	The United States of America, as represented by the Secretary Department of Health and Human Services	2018285620	Siemens Industry, Inc.
2017239144	Stadlmann, K.	2018286573	LG Electronics Inc.
2017255935	Novihum Technologies GmbH	2018286610	Beijing Voyager Technology Co., Ltd.
2017270026	SAPPI Netherlands Services B.V.	2018309459	Daikin Industries, Ltd.
2017280491	GEA TDS GmbH	2018311699	Wing Aviation LLC
2017286522	Dupont Industrial BioSciences USA, LLC	2018311702	Wing Aviation LLC
2017303768	Telefield Medical Imaging Limited	2018311739	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017304290	Fidia Farmaceutici S.p.A.	2018320093	KS Electronics.Co.,Ltd
2017305147	Qualcomm Incorporated	2018323458	Advanced New Technologies Co., Ltd.
2017308831	Qualcomm Incorporated	2018325428	THE GRITCHIE KITCHEN COMPANY LIMITED
2017309399	Telefonaktiebolaget LM Ericsson (Publ)	2018329639	Eli Lilly and Company
2017316089	LG Electronics Inc.	2018345332	Boston Scientific Scimed, Inc.
2017316090	LG Electronics Inc.	2018347879	Evoqua Water Technologies LLC
2017316091	LG Electronics Inc.	2018351278	Memjet Technology Limited
2017331329	Molecular Partners AG	2018396402	Asahi Kasei Pharma Corporation
2017347223	LG Electronics Inc.	2018410466	S&C Electric Company
2017349631	Wearhawk Pty Ltd	2018424207	China University of Mining and Technology; Xuzhou Usure Mining Technology Co., Ltd
2017350957	Nant Holdings IP, LLC	2019200021	Nobel Biocare Services AG
2017356208	Colgate-Palmolive Company	2019200211	BLY IP Inc.
2017356617	Rheinmetall Waffe Munition GmbH	2019200333	Gilead Sciences, Inc.
2017358502	Inventio AG	2019200543	TOPPAN PRINTING CO., LTD.
2017363769	LG Electronics Inc.	2019200735	Vaxiion Therapeutics, LLC
2017366996	General Electric Company	2019201372	Accenture Global Solutions Limited
2017369525	Inventio AG	2019201473	Kimura Kohki Co., Ltd.
2017371488	"Future Analgesics" Limited	2019201819	RV Lizenz AG
2017374025	Baker Hughes Holdings, LLC	2019202413	Nguyen, D.
2017385332	Shanghai Green Valley Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2019202489	Hangzhou Mulin Eyewear Co., Ltd.
2017386233	Malta Inc.	2019202552	Novartis AG
2017407981	Baker Hughes Holdings, LLC	2019202731	Epigen Biosciences, Inc.
2017411700	Mitsubishi Electric Corporation	2019203032	8 Rivers Capital, LLC
2017414238	Shandong University	2019203128	Genzyme Corporation
2017418267	Mitsubishi Electric Corporation	2019203214	Allergan, Inc.
2017418296	Code 3, Inc.	2019203321	Artio Medical, Inc.
2017418995	Intuit Inc.	2019203660	Allergan Industrie, SAS
2017428328	Essity Hygiene and Health Aktiebolag	2019204204	Waymo LLC
2017430443	Google LLC	2019204268	Johnson & Johnson Vision Care, Inc.
2018201014	Regeneron Pharmaceuticals, Inc.	2019204420	Clene Nanomedicine, Inc.
2018201920	The Board of Trustees of the Leland Stanford Junior University	2019204546	Nuovo Pignone Srl
2018202307	ViaCyte, Inc.	2019204599	BLUESCOPE STEEL LIMITED
2018202612	Life Technologies Corporation	2019204641	JENOPTIK Traffic Solutions UK Ltd
2018202976	Board of Regents, The University of Texas System	2019204722	Advanced New Technologies Co., Ltd.
2018204309	Amazon Technologies, Inc.	2019204994	Covidien LP
2018209508	Hangzhou AGS MedTech Co., Ltd.	2019205984	INCYTE CORPORATION
2018213062	Neste Oyj	2019207311	Advanced New Technologies Co., Ltd.
2018214902	IHI Corporation	2019210639	Colgate-Palmolive Company
2018224400	Golden Lady Company S.p.A.	2019210673	Apple Inc.
2018226754	Fujitsu General Limited	2019213437	DePuy Synthes Products, Inc.
2018230364	The Procter & Gamble Company	2019216676	Rose, A.
2018230830	ConMed Corporation	2019216720	Road Widener LLC
2018230831	ConMed Corporation	2019219743	Alma Mater Studiorum-Universita di Bologna
2018236912	Ab Initio Technology LLC	2019229933	H2 PowerTech, LLC
2018239319	Zimmer, Inc.	2019232887	ServiceNow, Inc.
2018241656	Guangzhou Sinogen Pharmaceutical Co., Ltd	2019236177	MUSC Foundation for Research Development
2018244485	Korea Kumho Petrochemical Co., Ltd.	2019236754	Technological Resources Pty. Limited
2018246660	Baoshan Iron & Steel Co., Ltd.	2019240641	Encore Vision, Inc.
2018246879	Petroleum Technology Company AS	2019240774	Commonwealth Scientific and Industrial Research Organisation
2018251796	Saudi Arabian Oil Company	2019246749	GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEERA, C.; WHEELWRIGHT, W.
2018253573	Biosense Webster (Israel) Ltd.	2019246835	Inguran, LLC
2018253620	Revance Therapeutics, Inc.	2019253912	Southern Mills, Inc.
2018255314	Kilowatt Labs, Inc.	2019257360	Siemens Aktiengesellschaft
2018260975	Macrogenics, Inc.	2019261748	Accenture Global Solutions Limited
2018261209	Victaulic Company	2019264575	Byondis B.V.
2018266449	JAMF Software, LLC	2019271939	Inscape Data, Inc.
2018271240	Marine Polymer Technologies, Inc.; The Brigham and Women's Hospital, Inc.	2019272053	CA Casyso GmbH
2018273972	The Scripps Research Institute; Hyconix, Inc.	2019272874	Blue River Technology Inc.
2018274937	The a2 Milk Company Limited	2019284096	SPD Swiss Precision Diagnostics GmbH
2018278886	KCI Licensing, Inc.	2019290909	Fronius International GmbH
		2019357072	China University of Mining and Technology

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2020200788	Gardner, G.P.
2020200789	Gardner, G.
2020201041	DePuy Synthes Products, Inc.
2020201397	Valspar Sourcing, Inc.
2020201561	Verb Surgical Inc.
2020201930	AstraZeneca AB
2020202550	Apple Inc.
2020204337	IvWatch, LLC
2020233625	GenieUs Genomics Pty Ltd
2020239763	Equinix, Inc.

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<u>A01B 79 /-</u>	<u>A45C 11 /-</u>	2017316090 2017316091 2017347223 2017363769	2020204337	<u>A61K 36 /-</u>	<u>A61L 27 /-</u>
2019272874	2019202489		<u>A61F 2 /-</u>	2016236309	2019203660
<u>A01C 1 /-</u>	<u>A45F 3 /-</u>	<u>A61B 1 /-</u>	2016308017 2019203321 2019204268 2020201041	<u>A61K 38 /-</u>	<u>A61M 1 /-</u>
2016332696	2016229807	2020200788 2020200789	<u>A61F 5 /-</u>	2015231294 2016233984 2017350957 2017371488 2018241656 2018274937 2019200735	2016344202 2018239319 2018271240 2018278886
<u>A01C 15 /-</u>	<u>A45F 5 /-</u>	<u>A61B 17 /-</u>	2016340143 2017303768	<u>A61K 39 /-</u>	<u>A61M 13 /-</u>
2019272874	2016236816	2016251062 2018230830 2018230831 2018345332 2019200021 2019204994 2019213437 2019236177 2020201041	<u>A61F 7 /-</u>	2014290044 2015290673 2015299105 2015303164 2017350957 2018253620 2018260975	2018230830 2018230831
<u>A01C 21 /-</u>	<u>A46B 15 /-</u>	<u>A61B 18 /-</u>	2018253573	<u>A61K 45 /-</u>	<u>A61M 16 /-</u>
2019272874	2017356208	2018209508 2018253573	<u>A61J 1 /-</u>	2015352158	2015256641 2020200788 2020200789
<u>A01D 57 /-</u>	<u>A46B 3 /-</u>	<u>A61J 3 /-</u>	2016259761 2020201930	<u>A61K 47 /-</u>	<u>A61M 25 /-</u>
2016304439	2019210639	2016250585	<u>A61K 103 /-</u>	2019264575	2015371279 2018253573 2019203321 2019272053 2020200788 2020200789
<u>A01G 13 /-</u>	<u>A46B 5 /-</u>	<u>A61K 31 /-</u>	2016289408	<u>A61K 48 /-</u>	<u>A61M 27 /-</u>
2016335751	2019210639	2014290044 2015287993 2015303009 2015316824 2015352158 2015402778 2016229918 2016245434 2016260683 2016264958 2016324148 2016346557 2016359483 2017233716 2017304290 2017385332 2018396402 2019200333 2019202731 2019203214 2019204420 2019205984 2020201930	<u>A61K 49 /-</u>	2019264575	2016344202 2018271240 2018278886
<u>A01H 4 /-</u>	<u>A46B 7 /-</u>	<u>A61B 5 /-</u>	2014290044 2015287993 2015303009 2015316824 2015352158 2015402778 2016229918 2016245434 2016260683 2016264958 2016324148 2016346557 2016359483 2017233716 2017304290 2017385332 2018396402 2019200333 2019202731 2019203214 2019204420 2019205984 2020201930	<u>A61K 51 /-</u>	<u>A61M 29 /-</u>
2016236309	2019210639	2016219018 2016228129 2017303768	<u>A61K 103 /-</u>	2015302873	2019203321
<u>A01K 29 /-</u>	<u>A46B 9 /-</u>	<u>A61B 6 /-</u>	2016289408	<u>A61K 51 /-</u>	<u>A61M 3 /-</u>
2016228129	2017356208 2019210639	2016264199 2020201561	<u>A61K 31 /-</u>	2016289408	2018278886
<u>A01K 67 /-</u>	<u>A47B 23 /-</u>	<u>A61B 50 /-</u>	<u>A61K 48 /-</u>	<u>A61K 8 /-</u>	<u>A61M 37 /-</u>
2014306778 2018201014	2016236816	2016219018 2016228129 2017303768	<u>A61K 49 /-</u>	2016289408	2016344202 2018271240 2018278886
<u>A01N 25 /-</u>	<u>A47B 37 /-</u>	<u>A61B 17 /-</u>	<u>A61K 51 /-</u>	<u>A61K 8 /-</u>	<u>A61M 39 /-</u>
2016377313	2016203037 2018325428	2015316242	2016205715 2016222693 2016251407 2016252233 2016359483 2019203660	2016205715 2016222693 2016251407 2016252233 2016359483 2019203660	2019203321
<u>A01N 43 /-</u>	<u>A47B 91 /-</u>	<u>A61B 6 /-</u>	<u>A61K 9 /-</u>	2019203214 2020201930	<u>A61M 3 /-</u>
2019240641	2015354392	2017303768	<u>A61K 9 /-</u>	2019203214 2020201930	2018278886
<u>A01N 55 /-</u>	<u>A47G 19 /-</u>	<u>A61C 17 /-</u>	<u>A61K 33 /-</u>	<u>A61L 11 /-</u>	<u>A61M 5 /-</u>
2019204420	2016229807	2017356208	2016205715	2017203130	2016229138 2016236347 2018329639 2020204337
<u>A01N 63 /-</u>	<u>A47G 23 /-</u>	<u>A61C 3 /-</u>	<u>A61K 35 /-</u>	<u>A61L 2 /-</u>	<u>A61P 1 /-</u>
2018202976	2016229807	2019200021 2019236177	2015335054 2016233984 2016256582 2017350957 2018202307 2018202976 2018241656 2018274937	2015316242	2016205715 2016264958 2018274937 2019200333
<u>A23K 20 /-</u>	<u>A47J 31 /-</u>	<u>A61C 8 /-</u>	<u>A61D 17 /-</u>	<u>A61L 24 /-</u>	
2016370709	2016266931	2019200021 2019236177	2016228129	2016350050	
<u>A23L 2 /-</u>	<u>A47J 37 /-</u>	<u>A61D 17 /-</u>	<u>A61F 13 /-</u>		
2016205715	2018325428	2016205715	2015362938 2016293826 2016344202 2017428328 2018271240 2018278886		
<u>A23L 29 /-</u>	<u>A47L 13 /-</u>	<u>A61K 35 /-</u>			
2016370709	2017347223	2015335054 2016233984 2016256582 2017350957 2018202307 2018202976 2018241656 2018274937			
<u>A23L 33 /-</u>	<u>A47L 7 /-</u>				
2016205715 2016233984 2016359483 2016370709	2017347223				
	<u>A47L 9 /-</u>				
	2017316089				

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A61P 11 /-	2016245434	B01D 71 /-		2016267104	B60R 11 /-
2016264958	A61P 43 /-	2019246749	B08B 9 /-	B32B 27 /-	2016236816
2019205984	2015290673	B01F 15 /-	2016266931	2016267104	B60R 9 /-
A61P 13 /-	2016245434	2018347879	B21D 15 /-	2016293826	2016203037
2019200333	2016346557	B01J 21 /-	2018261209	2017207981	
A61P 17 /-	2018396402	2018244485	B21D 17 /-	2019200543	B60W 40 /-
2016205715	A61P 7 /-	B01J 23 /-	2018261209	B32B 29 /-	2018286610
2016264958	2015290673	2017215121	B21D 41 /-	2016268243	B61F 5 /-
2016346557	2018271240	2017222376	2018261209	B32B 3 /-	2016231656
A61P 19 /-	A61P 9 /-	2018244485	B21H 1 /-	2019200543	B61L 23 /-
2016264958	2015287993	B01J 31 /-	2018261209	B32B 5 /-	2019236754
2016346557	2015290673	2017215121	B21H 7 /-	2016293826	B61L 27 /-
2018396402	2016205715	B01J 35 /-	2018261209	2019204420	2019236754
A61P 25 /-	2016245434	2017215121	B22F 9 /-	B32B 7 /-	B61L 5 /-
2015352158	2016346557	B01J 37 /-	2019204420	2016293826	2016282197
2016205715	2017233716	2017215121	B23P 15 /-	2019200543	B61L 27 /-
2016245434	2017385332	2018244485	2018261209	B41J 15 /-	2019236754
2016346557	2019205984	B01J 4 /-	B25H 1 /-	2018351278	B62D 55 /-
2017233716	2020201930	2017215121	2018246660	B41J 19 /-	2016307775
2017385332	A61Q 11 /-	2018244485	B25J 11 /-	2018351278	B64C 29 /-
2019205984	2016205715	B01J 37 /-	2016236816	B41J 2 /-	2016344528
A61P 27 /-	2016222693	2018347879	B25J 13 /-	B41J 25 /-	B64C 3 /-
2016346557	A61Q 19 /-	2017215121	2017316089	2018351278	2016344528
A61P 29 /-	2016205715	2018244485	2017316090	B41J 29 /-	B64C 39 /-
2016346557	2016251407	B01L 3 /-	2017316091	2018351278	2018311702
2017371488	2019203660	B02C 4 /-	2017363769	B41M 5 /-	B65B 31 /-
A61P 3 /-	A61Q 5 /-	2017203130	B25J 19 /-	2017223924	2015316242
2016205715	2016252233	B03B 9 /-	2020201561	2018351278	B65B 55 /-
2019200333	A63B 102 /-	2016225100	B25J 9 /-	2017223924	2015316242
A61P 31 /-	2018320093	B03C 1 /-	2017316089	B60D 1 /-	B65D 75 /-
2016205715	A63B 21 /-	2019246835	2017316090	2016203037	2020201930
2019200333	2015352033	B03D 1 /-	2017316091	2016280785	B65G 15 /-
A61P 33 /-	A63B 23 /-	2016357752	2017363769	B60K 3 /-	2017349631
2015303009	2015256641	B05B 12 /-	B29C 45 /-	2019229933	B65G 17 /-
2019205984	2015352033	2016272435	2015292263	B60M 1 /-	2017349631
A61P 35 /-	A63B 69 /-	B05B 13 /-	B29C 67 /-	2015218567	B65G 43 /-
2015303164	2018320093	2016272435	2017239144	B60P 7 /-	2017349631
2015316824	B01D 35 /-	B05D 1 /-	B31F 1 /-	2016203964	B65G 65 /-
2016205715	2014320015	2020201397	2016268243	B60Q 3 /-	2016304439
2016264958	2016250414	B05D 3 /-	B32B 21 /-	2017418296	B66B 11 /-
2016289408	B01D 36 /-	2016267104			2017369525
2016346557	2016250414	B08B 3 /-			
2018241656	B01D 69 /-	2016266931			
2019200735	2019246749				
2019205984					
A61P 37 /-					
2016264958					
2019205984					
A61P 39 /-					

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B66B 5 /-	C05G 3 /-	C07D 307 /-	2017385332	C08L 33 /-	C12N 1 /-
2017358502	2016260435	2017233716	C07K 1 /-	2017220185	2015290673
	2017220185				2018202612
	2017255935	C07D 401 /-	2019203128	C08L 5 /-	C12N 11 /-
B66C 13 /-	C07C 11 /-	2016245434	C07K 14 /-	2016270307	2018202307
2016245321	2018273972	2016264958	2016256582	2016359483	
B66F 11 /-	C07C 15 /-	2016324148	2016321146	2017286522	C12N 15 /-
2019216720	2018273972	2016346557	2017331329		2014275010
B67D 1 /-	C07C 229 /-	2016380349	2017371488	C09D 11 /-	2014287009
2016266931	2016302697	2019200333	2019219743	2017223924	2014290044
C01B 3 /-	C07C 233 /-	2019202552	C07K 16 /-	C09D 129 /-	2014326972
2017222376	2016403399	2016245434	2014320015	2020201397	2015290673
2019229933	C07C 29 /-	2016264958	2015223205	C09D 133 /-	2016245434
C01C 1 /-	C07C 29 /-	2016324148	2015249006	2017218870	2016256582
2017222376	2018244485	C07D 405 /-	2015290673		2018201014
C01F 5 /-	C07C 5 /-	2015303164	2015335054	C09D 5 /-	C12N 5 /-
2015349572	2018273972	2016264958	2016245434	2020201397	2014306778
C02F 1 /-	C07C 51 /-	C07D 407 /-	2018201014	C09J 133 /-	2015290673
2017414238	2018230364	2016245434	2018260975		2016236309
2018347879	C07C 53 /-	C07D 409 /-	2019264575	2017218870	2018202307
C02F 11 /-	2018230364	2018202612	C07K 5 /-		2018202612
2017414238	C07C 57 /-	2016346557	2018202612	C09K 3 /-	C12N 7 /-
C04B 111 /-	2018230364	C07D 413 /-	C08B 15 /-	2017218870	2015231294
2016342207	C07C 57 /-	2016264958	2017270026		2018202612
C04B 28 /-	2018230364	2019200333	C08B 37 /-	C09K 8 /-	C12N 9 /-
2016342207	C07D 209 /-	C07D 417 /-	2016270307	2016403399	2016321146
C04B 40 /-	2015402778	2016245434	2016359483	2016403497	2016359483
2016342207	2017233716	2018396402	2017286522	C10G 29 /-	2019219743
C04B 40 /-	C07D 211 /-	C07D 471 /-	2017304290	2015353724	C12P 19 /-
2016342207	2019202552	2017385332	2017385332	C10G 45 /-	2016359483
C05B 17 /-	C07D 215 /-	2019203660	2019203660	2017215121	C12P 21 /-
2017220185	2015316824	C07D 473 /-	C08F 10 /-		2015290673
C05C 1 /-	C07D 231 /-	2017233716	2017220185	C10G 57 /-	2018260975
2016260435	2019202731	2019205984	C08F 220 /-	2015353724	C12Q 1 /-
C05D 3 /-	C07D 239 /-	C07D 498 /-	2017270026	C10G 59 /-	2014290044
2016260435	2016346557	2016264958	C08J 3 /-	2015353724	2014320015
	2019202552	2016264958	2017220189	C10J 3 /-	2015335054
C05D 5 /-	C07D 241 /-	C07D 513 /-	2019201819		2018201920
2016260435	2016278970	2017233716	C10K 3 /-	C10L 1 /-	2020233625
	2016278970	C07H 1 /-	2017222376	2018213062	C22B 19 /-
C05D 9 /-	C07D 261 /-	2016302697	C10K 3 /-	C11D 3 /-	2015315441
2016260435	2019202731	2017385332	2016247589	2017286522	C22B 26 /-
C05F 11 /-	C07D 277 /-	C07H 15 /-	C08K 5 /-		2015349572
2017255935	2016229918	2016302697	2017220185	C11D 7 /-	C22B 3 /-
		C07H 21 /-	C08L 23 /-	2017286522	2015349572
		2015231294	2017220185	C11D 7 /-	C22B 4 /-
		2016302697	C08L 29 /-	2016377313	2015315441
		C07H 3 /-	2016267104		

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<u>C22B 9/-</u>	<u>E01C 19/-</u>	<u>E21C 35/-</u>	<u>F16M 5/-</u>	<u>F41G 3/-</u>	<u>G01V 1/-</u>
2015315441	2019216720	2016206257	2019204546	2017356617	2015230698 2018251796
<u>C22C 1/-</u>	<u>E01F 13/-</u>	<u>E21D 20/-</u>	<u>F17C 5/-</u>	<u>F41G 7/-</u>	<u>G02B 7/-</u>
2016257626	2016356558	2016342207	2017366996	2017356617	2016236816
<u>C22C 21/-</u>	<u>E01F 15/-</u>	<u>E21D 21/-</u>	<u>F17C 7/-</u>	<u>F41H 11/-</u>	<u>G02C 7/-</u>
2016257626	2016356558	2016342207	2017366996	2017356617	2019204268
<u>C23C 2/-</u>	<u>E02F 3/-</u>	<u>F01D 25/-</u>	<u>F21V 21/-</u>	<u>F41H 13/-</u>	<u>G05B 15/-</u>
2019204599	2016202469	2019204546	2016236816	2017356617	2016201070 2018285620
<u>C30B 1/-</u>	<u>E02F 9/-</u>	<u>F01K 23/-</u>	<u>F22G 5/-</u>	<u>G01B 11/-</u>	<u>G05D 1/-</u>
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<u>D01B 1/-</u>	<u>E03B 1/-</u>	<u>F01K 25/-</u>	<u>F24C 15/-</u>	<u>G01C 21/-</u>	
2016332696	2018347879	2018214902	2018325428	2016420400 2018311699	
<u>D01F 6/-</u>	<u>E04B 1/-</u>	<u>F01K 27/-</u>	<u>F24F 1/-</u>	<u>G01H 17/-</u>	<u>G05D 21/-</u>
2018224400	2016201073	2017386233	2018226754 2018309459 2019201473	2016201822	2018347879
<u>D03D 1/-</u>	<u>E04B 9/-</u>	<u>F01K 9/-</u>	<u>F24F 11/-</u>	<u>G01J 5/-</u>	<u>G05D 99/-</u>
2019253912	2016229427	2018214902	2018226754	2016426890	2016206257
<u>D03D 15/-</u>	<u>E04C 3/-</u>	<u>F01M 11/-</u>	<u>F24F 13/-</u>	<u>G01L 1/-</u>	<u>G05F 1/-</u>
2019253912	2014268220	2016250414	2018226754 2018309459	2016292465	2018255314
<u>D04H 13/-</u>	<u>E04D 13/-</u>	<u>F02B 39/-</u>	<u>F24F 6/-</u>	<u>G01M 3/-</u>	<u>G06F 12/-</u>
2015362938	2016201073	2016321229	2015315034	2016426890	2017201850
<u>D06F 39/-</u>	<u>E04F 13/-</u>	<u>F02C 7/-</u>	<u>F24S 25/-</u>	<u>G01N 11/-</u>	<u>G06F 13/-</u>
2018286573	2017369525	2019204546	2019216676	2018347879	2016340044 2017418296
<u>D21F 11/-</u>	<u>E04H 12/-</u>	<u>F02C 9/-</u>	<u>F25B 49/-</u>	<u>G01N 29/-</u>	<u>G06F 15/-</u>
2016268243	2019216676	2019203032	2017418267	2017374025	2020239763
<u>D21H 11/-</u>	<u>E21B 19/-</u>	<u>F02G 1/-</u>	<u>F25C 1/-</u>	<u>G01N 3/-</u>	<u>G06F 16/-</u>
2015411565	2019200211	2017386233	2017411700	2019357072	2018204309 2019201372
<u>D21H 13/-</u>	<u>E21B 23/-</u>	<u>F02M 21/-</u>	<u>F25C 5/-</u>	<u>G01N 33/-</u>	<u>G06F 17/-</u>
2016270307	2018246879	2016321229	2017411700	2015335054 2018201920 2019272053 2019284096	2015238891 2018236912
<u>D21H 17/-</u>	<u>E21B 33/-</u>	<u>F16B 13/-</u>	<u>F28C 3/-</u>	<u>G01R 33/-</u>	<u>G06F 21/-</u>
2015411565	2016403497 2017407981	2016342207	2015315034	2019240774	2017201850 2018266449 2018311739 2019207311
<u>D21H 21/-</u>	<u>E21B 34/-</u>	<u>F16M 1/-</u>	<u>F28D 21/-</u>	<u>G01S 17/-</u>	
2015411565	2017407981	2019204546	2017280491	2019204204	
<u>D21H 25/-</u>	<u>E21B 41/-</u>	<u>F16M 11/-</u>	<u>F28D 7/-</u>	<u>G01S 5/-</u>	<u>G06F 3/-</u>
2016268243	2017407981	2016236816	2017280491	2016420400	2015321700 2019210673
<u>D21H 27/-</u>	<u>E21C 25/-</u>	<u>F16M 13/-</u>	<u>F28F 9/-</u>	<u>G01S 7/-</u>	<u>G06F 40/-</u>
2016268243	2016206257	2016236816	2017280491	2019204204	2019232887
<u>E01C 11/-</u>		<u>F16M 3/-</u>			
2019202413		2019204546			

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2019261748	<u>H01M 2 /-</u>	<u>H03K 17 /-</u>
<u>G06F 9 /-</u>	2015292263	2019290909
2015321700	<u>H01M 8 /-</u>	<u>H04B 5 /-</u>
2019204722	2015292263	2020202550
<u>G06K 9 /-</u>	<u>H01Q 1 /-</u>	<u>H04B 7 /-</u>
2017418995	2016389600	2016389600
2018286610	2016389600	2017216876
2018311739	<u>H01Q 25 /-</u>	<u>H04L 12 /-</u>
2019204641	2016389600	2016340044
2019272874	<u>H01Q 9 /-</u>	2017418296
<u>G06N 20 /-</u>	2016389600	<u>H04L 29 /-</u>
2019232887	<u>H01R 33 /-</u>	2017206119
<u>G06N 3 /-</u>	2016236816	<u>H04L 9 /-</u>
2019204641	<u>H02B 1 /-</u>	2018323458
2019272874	2019290909	2019207311
<u>G06N 7 /-</u>	<u>H02H 1 /-</u>	<u>H04M 1 /-</u>
2019204641	2018410466	2018311739
<u>G06N 99 /-</u>	<u>H02H 7 /-</u>	<u>H04M 9 /-</u>
2017430443	2018410466	2016389629
<u>G06Q 10 /-</u>	<u>H02H 9 /-</u>	<u>H04N 19 /-</u>
2016407392	2018410466	2017308831
2018204309	<u>H02J 3 /-</u>	<u>H04N 21 /-</u>
<u>G06Q 50 /-</u>	2016201070	2016270352
2016407392	2018255314	2016294096
2018311702	2019201819	2019271939
2018347879	2019257360	<u>H04N 5 /-</u>
2019257360	<u>H02J 5 /-</u>	2016426890
<u>G06T 1 /-</u>	2020202550	<u>H04W 24 /-</u>
2018424207	<u>H02J 50 /-</u>	2016390195
<u>G06T 9 /-</u>	2020202550	<u>H04W 48 /-</u>
2018251796	<u>H02J 7 /-</u>	2017216876
<u>H01H 3 /-</u>	2020202550	<u>H04W 72 /-</u>
2015311216	<u>H02K 11 /-</u>	2017305147
<u>H01H 45 /-</u>	2016201822	<u>H04W 74 /-</u>
2017430443	<u>H02M 1 /-</u>	2017309399
<u>H01H 47 /-</u>	2018255314	<u>H05B 7 /-</u>
2015311216	<u>H02M 7 /-</u>	2015315441
<u>H01H 50 /-</u>	2018255314	<u>H05K 5 /-</u>
2017430443	<u>H02S 20 /-</u>	2019290909
<u>H01L 23 /-</u>	2019216676	<u>H05K 7 /-</u>
2017430443		2017430443
<u>H01L 39 /-</u>		
2017430443		

Certified Innovation Patents**Name Index**

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

-
- (71) Austmosis Holdings Pty Ltd
(11) AU-B-2020100941
(21) 2020100941 (22) 05.06.2020
(54) A water separating residue filtration unit
for high-pressure non-destructive water
excavation
(51) Int. Cl.
B01D 35/28 (2006.01)
B01D 29/13 (2006.01)
B01D 29/56 (2006.01)
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E03F 5/14 (2006.01)
(45) 29.10.2020
(62) PCT/AU2019/050815
(72) Grey, Anthony Stephen
(74) Actuate Patents

Numerical Index

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2020100941

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Patents Granted

Standard Patents

2013407812	2014200318	2014229108	2014233094
2014239583	2014253942	2014259953	2014266830
2014266833	2014273917	2014307875	2014310526
2014311244	2014315142	2014322925	2014330807
2014331144	2014331476	2014337783	2014353347
2014354588	2014364587	2014381660	2014391742
2014392626	2014392694	2014408484	2014409090
2014411684	2014413955	2014414032	2014414345
2014415540	2015202606	2015204276	2015204770
2015206487	2015207930	2015210775	2015211021
2015211152	2015213483	2015218504	2015218877
2015223184	2015225767	2015231264	2015234298
2015239770	2015242997	2015243525	2015246064
2015249089	2015252359	2015253519	2015254865
2015257798	2015258962	2015259944	2015261442
2015263951	2015264254	2015266053	2015266342
2015271945	2015273799	2015274532	2015275717
2015277212	2015277674	2015284200	2015284868
2015288860	2015293652	2015295049	2015298173
2015299737	2015301221	2015302064	2015302314
2015303435	2015306079	2015306890	2015308144
2015308179	2015308659	2015309694	2015311114
2015312252	2015314928	2015316240	2015316579
2015317351	2015318578	2015320707	2015320736
2015323168	2015323752	2015323863	2015325052
2015327762	2015328317	2015329518	2015330678
2015330953	2015332645	2015335652	2015339106
2015340370	2015342727	2015342883	2015344830
2015346216	2015346453	2015347374	2015348012
2015349774	2015349884	2015350153	2015352194
2015352807	2015353884	2015357585	2015358284
2015358367	2015358776	2015359352	2015359687
2015360482	2015360692	2015361171	2015365497
2015368100	2015369903	2015370582	2015370926
2015372427	2015374033	2015376369	2015377942
2015378056	2015378512	2015387461	2015391350
2015393962	2015401631	2015406990	2015408170
2015409441	2015411439	2015418360	2016200195
2016201582	2016201918	2016202755	2016203545
2016203732	2016203798	2016204202	2016204312
2016204893	2016205047	2016205919	2016207865
2016208133	2016209000	2016209200	2016209694
2016209781	2016210984	2016211383	2016211651
2016213123	2016214011	2016214131	2016214700
2016215206	2016216620	2016217792	2016217888
2016218155	2016218355	2016218544	2016219005
2016219479	2016219904	2016219961	2016220153
2016220282	2016220324	2016221644	2016221816
2016226080	2016226193	2016226317	2016226549
2016227523	2016228274	2016229479	2016232140
2016232854	2016232986	2016234305	2016235165
2016235332	2016235941	2016240068	2016243235
2016243822	2016244000	2016244068	2016245775
2016247108	2016247689	2016247916	2016248234
2016250668	2016252521	2016252551	2016252639
2016253145	2016257936	2016258965	2016261010
2016261059	2016262803	2016263091	2016265034
2016265732	2016266106	2016266557	2016266802
2016267786	2016269063	2016271870	2016273360
2016276783	2016278231	2016278348	2016279758
2016280293	2016282731	2016282946	2016285054
2016287463	2016288771	2016289369	2016290797
2016293096	2016293675	2016295175	2016297037
2016297675	2016298064	2016300993	2016303475
2016303499	2016304974	2016305715	2016307118
2016316037	2016318436	2016318917	2016320466
2016320946	2016321973	2016324165	2016324556

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Standard Patents

2016334696	2016334911	2016340500	2016341463
2016342805	2016344594	2016346703	2016347495
2016354471	2016357575	2016357941	2016374520
2016375851	2016380513	2016381399	2016383517
2016391608	2016420865	2016425664	2016429809
2017205773	2017207768	2017207771	2017209972
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2017236791	2017241166	2017250364	2017253364
2017254731	2017257184	2017260811	2017263072
2017268812	2017269603	2017275301	2017277641
2017277671	2017277833	2017279046	2017279619
2017283867	2017284964	2017286733	2017290693
2017292399	2017299192	2017300894	2017306255
2017306320	2017307372	2017307694	2017308739
2017309991	2017311505	2017311515	2017318911
2017319882	2017320568	2017320782	2017321619
2017325011	2017327950	2017328847	2017330159
2017330199	2017331880	2017332935	2017333056
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2017338057	2017344141	2017345518	2017352670
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2018201328	2018201851	2018202888	2018202936
2018203227	2018203374	2018203648	2018203676
2018203682	2018203901	2018204370	2018204506
2018204608	2018204610	2018204701	2018204723
2018205183	2018208522	2018208613	2018208617
2018211235	2018211341	2018212138	2018212270
2018212978	2018213986	2018214160	2018214409
2018217276	2018217277	2018217825	2018218197
2018220004	2018220151	2018220153	2018222884
2018223002	2018223005	2018226437	2018227449
2018229448	2018229561	2018231201	2018232914
2018233031	2018234444	2018235358	2018236692
2018236725	2018236791	2018236804	2018236852
2018236881	2018239354	2018241523	2018241564
2018242613	2018245195	2018247235	2018247684
2018250386	2018250432	2018250442	2018250452
2018250500	2018252827	2018253468	2018253488
2018253516	2018253523	2018253554	2018253626
2018256519	2018256527	2018256544	2018256644
2018259303	2018260937	2018264144	2018265974
2018266091	2018271261	2018271312	2018271335
2018271377	2018273505	2018274424	2018274959
2018278847	2018282471	2018284301	2018284601
2018286562	2018288056	2018289560	2018289561
2018298513	2018301278	2018303186	2018305843
2018311844	2018312611	2018326831	2018343290
2018344621	2018350362	2018358373	2018373743
2018386359	2019200157	2019200222	2019200304
2019200314	2019200416	2019200626	2019200644
2019200907	2019200962	2019201128	2019201539
2019201790	2019201840	2019201843	2019201885
2019202213	2019202280	2019202307	2019202518
2019202728	2019202773	2019202839	2019203095
2019203508	2019203655	2019203657	2019203659
2019203708	2019203819	2019203861	2019204007
2019204202	2019204376	2019204642	2019204711
2019204786	2019204837	2019204865	2019204969
2019206072	2019210508	2019210572	2019216635
2019219776	2019226180	2019235349	2019236620
2019246859	2019257423	2019257542	2019261829
2019271884	2019284153	2019359619	2020200184
2020202100	2020202634		

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2018102188	2019101744	2020101526	2020102079
2020102212	2020102221	2020102225	2020102228
2020102229	2020102230	2020102231	2020102232
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2020102237	2020102239	2020102240	2020102241
2020102242	2020102243	2020102244	2020102245
2020102246	2020102247	2020102248	2020102249
2020102250	2020102252	2020102253	2020102254
2020102256	2020102257	2020102258	2020102259
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2020102264	2020102265	2020102266	2020102267
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2020102273	2020102274	2020102275	2020102276
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2020102286	2020102287	2020102288	2020102289
2020102290	2020102291	2020102292	2020102293
2020102294	2020102295	2020102296	2020102297
2020102298	2020102300	2020102301	2020102303
2020102304	2020102305	2020102306	2020102308
2020102309	2020102310	2020102311	2020102312
2020102313	2020102314	2020102315	2020102316
2020102317	2020102318	2020102319	2020102320
2020102321	2020102322	2020102323	2020102324
2020102326	2020102327	2020102328	2020102329
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2020102334	2020102335	2020102336	2020102338
2020102339	2020102340	2020102341	2020102342
2020102343	2020102345	2020102346	2020102347
2020102348	2020102350	2020102351	2020102352
2020102353	2020102354	2020102355	

Assignments Registered

2003213875	Splitlock Group, Ltd	The patent has been assigned to Endresz, Allan
2004259638	Genentech, Inc.	The patent has been assigned to No-vartis Pharma AG
2005224291	JRB Engineering Pty Ltd	The patent has been assigned to Siemens Mobility Pty Ltd
2005256154	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2005256159	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2005256160	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2007249094	GSC Technologies Corporation	The patent has been assigned to GSC Technologies Inc.
2008279508	Cohera Medical, Inc.	The patent has been assigned to Arthrex, Inc.
2010230845	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2010246406	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2011202572	JRB Engineering Pty Ltd	The patent has been assigned to Siemens Mobility Pty Ltd
2011207109	JRB ENGINEERING PTY LTD	The patent has been assigned to Siemens Mobility Pty Ltd
2011226745	JRB ENGINEERING PTY LTD	The patent has been assigned to Siemens Mobility Pty Ltd

Assignments Registered

2011244901	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2011244955	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2011258186	Cohera Medical, Inc.	The patent has been assigned to Arthrex, Inc.
2011258249	BioTime, Inc.	The patent has been assigned to Lin-eage Cell Therapeutics, Inc.
2011327111	FUJIFILM Corporation; Toyama Chemical Co., Ltd.	The patent has been assigned to FUJIFILM Toyama Chemical Co., Ltd.
2011329147	Cohera Medical, Inc.	The patent has been assigned to Arthrex, Inc.
2012276270	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2012357626	1928732 ONTARIO, INC.	The patent has been assigned to SMART WAVE TECHNOLOGIES, INC.
2013203246	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2013203293	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2013203294	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2013203303	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2013252637	University of Oslo	The patent has been assigned to Provoxis Natural Products Limited
2013305486	Monash University	The patent has been assigned to The University of Melbourne
2013352369	GlaxoSmithKline LLC	The patent has been assigned to Novartis AG.
2013356293	Cohera Medical, Inc.	The patent has been assigned to Arthrex, Inc.
2013359927	1928732 ONTARIO, INC.	The patent has been assigned to SMART WAVE TECHNOLOGIES, INC.
2013369292	Puca, Annibale; Vecchione, Carmine	The patent has been assigned to Roxiant ApS
2014271225	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2015263094	Heat Recovery Solutions Limited	The patent has been assigned to Struthers Energy And Power Limited
2015268083	Johnston, Garry; Sutcliffe, Matthew; Welham, Nicholas; MetaLeach Limited	The patent has been assigned to MetaLeach Limited
2016202559	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2016219719	Freestyle Technology Limited	The patent has been assigned to X2M Connect Limited
2016225779	HGST Netherlands B.V.	The patent has been assigned to Western Digital Technologies, Inc.

Assignments Registered

- 2016314771 JRB Engineering Pty Ltd The patent has been assigned to **Siemens Mobility Pty Ltd**
- 2016367036 Docherty, John; Ihrke, Thomas; Bunka, Christopher; Poviva Corp. The patent has been assigned to **Poviva Corp.**
- 2016367037 Poviva Corp.; Bunka, Christopher; Docherty, John; Ihrke, Thomas The patent has been assigned to **Poviva Corp.**
- 2017201952 Freestyle Technology Limited The patent has been assigned to **X2M Connect Limited**

Licences Registered - Section 187, Reg. 19

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

- 2009256561 BeMicron SA (Scaldis St-Martin SA)

Mortgages Registered - Section 187, Reg. 19

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

- 2000075367 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2001020158 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2001074983 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2001290675 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2002236074 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003247985 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003248421 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003248454 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003252088 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003258046 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003258066 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2003267157 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2004203024 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2004212590 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2005242132 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2005298359 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2005303648 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Mortgages Registered - Section 187, Reg. 19

- 2005328564 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2006235681 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2006245505 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2006332617 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2007221912 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2007221913 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2007228554 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2007245406 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008202824 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008207450 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008234631 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008245622 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008255197 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008315508 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2008334992 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009200329 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009212960 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009215521 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009216565 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009222450 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009223484 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009225334 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009240457 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2009242093 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Mortgages Registered - Section 187, Reg. 19

2009242439 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

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Mortgages Registered - Section 187, Reg. 19

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Mortgages Registered - Section 187, Reg. 19

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Mortgages Registered - Section 187, Reg. 19

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Mortgages Registered - Section 187, Reg. 19

- 2017200618 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
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- 2017200918 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017201250 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017202117 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017203709 Weatherford Technology Holdings, LLC. (BTA Institutional Services Australia Limited)
- 2017204502 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017207224 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017221843 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017261539 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2017272283 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2018200742 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2018201764 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2018256478 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2018256535 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)
- 2018256659 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Corrigenda

In Vol 34 , No 19 , Page(s) 2639 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2014** Delete all reference to 2014391256.

In Vol 34 , No 40 , Page(s) 5664 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Novozymes A/S; Microbiogen Pty. Ltd., Application No. 2019222480, Under INID (72) add co-inventor YAZDI, Hamid Rismani

In Vol 34 , No 41 , Page(s) 5762 under the heading **Amendments - Amendments Made** Under the name South China Agricultural University, Application No.2018416917, under INID (54) correct the title, to read A SEGMENTING-TYPED SUGARCANE COMBINE HARVESTER WITH A CENTER-POSITIONED FAN

Specifications Republished

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

- 2016293047 **Immatics Biotechnologies GmbH**
- 2016297037 **FUJIFILM Toyama Chemical Co., Ltd.; Fujifilm Corporation**