



**Australian Government**

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**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](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

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

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

### **(i) FILING -**

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
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>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
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>
<b>E) Patents Certified – Name Index</b>	
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)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

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 11 May 2021 .

(71) 3C Solutions Pty Ltd; Britton, J. (21) 2021901439 (22) 14.05.2021 (54) Switchable Street Signage System	(71) Anaxis Pharma Pty Ltd (21) 2021901410 (22) 12.05.2021 (54) Arylsulphonamide compounds	(71) BXR SINTERTECH HOLDINGS PTY LTD (21) 2021901425 (22) 13.05.2021 (54) Process for producing a free-flowing sintered material and use of red mud
(71) a) Anchique Pty Ltd (21) 2021901388 (22) 11.05.2021 (54) A COMBINATION DRILL BIT AND BIT DRIVER DEVICE	(71) Anscot Pty Ltd (21) 2021901441 (22) 14.05.2021 (54) Roof Rack	(71) Carlei, R.; Barker, R. (21) 2021901448 (22) 14.05.2021 (54) Materials Handling Devices and Procedures
(71) ABIM Solutions Pty Ltd (21) 2021901435 (22) 13.05.2021 (54) Feeding Unit for a Logging Tool	(71) AQUA ARMOUR PTY LTD; Fiedler, T. (21) 2021901419 (22) 13.05.2021 (54) Connection method of stiff reinforcement to an elastic garment	<b>Chait, T. see Morrow, D.</b> (21) 2021901413
(71) AERO CHAMBER PTY LTD (21) 2021901445 (22) 14.05.2021 (54) Aerochamber is a carbon abatement composting technology that biodegrades putrescible organic waste from the Municipal Solid Waste stream aerobically. Aerobic microbial activity in composting activities is essential in reducing greenhouse gas emissions, the Aerochamber technology supplies close to ambient levels of oxygen to the composting pile, known as aerobic biodegradation. Additional benefits of aerobic biodegradation in the Aerochamber technology include, achieving a high biodegradation rate, facilitating for the composting of putrescible organic waste, and achieves a high quality organic	(71) Astral Property Pty Limited (21) 2021901400 (22) 12.05.2021 (54) Water Retaining Cell	(71) CHARMINGS GLOBAL PTY LTD (21) 2021901377 (22) 09.05.2021 (54) Desk
<b>Alderson, J. see EL-Sallam, A.</b> (21) 2021901399	(71) Ayache, K. (21) 2021901382 (22) 10.05.2021 (54) eWallet: Blockchain Digital Funding Management System	(71) CMTE Development Limited (21) 2021901430 (22) 13.05.2021 (54) Particle separator
(71) Altech Chemicals Australia Pty Ltd (21) 2021901429 (22) 13.05.2021 (54) Anode Coating Process	<b>Barker, R. see Carlei, R.</b> (21) 2021901448	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021901424 (22) 13.05.2021 (54) PRODUCTION OF HIGH PURITY NICKEL AND COBALT COMPOUNDS
	(71) BLOOMFIELD TECHNOLOGIES PTY LTD (21) 2021901423 (22) 13.05.2021 (54) Process for personalised health and wellness reporting software based on optical imaging biometric analysis	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021901438 (22) 14.05.2021 (54) Device for interacting with electromagnetic radiation
	(71) Bradken Resources Pty Limited (21) 2021901397 (22) 11.05.2021 (54) COUPLING FOR A GRINDING MILL LINER	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021901449 (22) 14.05.2021 (54) A METHOD AND SYSTEM FOR ANALYSING FLUID INCLUSIONS
	<b>Britton, J. see 3C Solutions Pty Ltd</b> (21) 2021901439	

Provisional Applications Filed - Name Index cont'd

(71) COREIoT Pty Ltd  
(21) 2021901396 (22) 11.05.2021  
(54) Sensor System

(71) Dobson, S.  
(21) 2021901428 (22) 13.05.2021  
(54) A new Insulated Concrete building product and system

(71) durack, m.  
(21) 2021901376 (22) 09.05.2021  
(54) IMPROVED CONDUCTOR MATERIAL FOR STATOR HAIRPIN WINDINGS IN A RADIAL FLUX ELECTRIC MOTOR

(71) EELO Group Pty Ltd  
(21) 2021901372 (22) 07.05.2021  
(54) EXTRUDER FOR A THREE-DIMENSIONAL PRINTER

(71) EL-Sallam, A.; Alderson, J.; Lyttle, A.  
(21) 2021901399 (22) 12.05.2021  
(54) Tracking, analysing and assessment of human body movements using a subject-specific digital twin model of the human body

(71) Envision Sciences Pty Ltd  
(21) 2021901385 (22) 10.05.2021  
(54) Conjugated Compounds, Methods and Uses Thereof

Fiedler, T. see AQUA ARMOUR PTY LTD  
(21) 2021901419

(71) FIRMUS GRID PTY LTD  
(21) 2021901373 (22) 07.05.2021  
(54) A TANK FOR HEAT DISSIPATION AND A COOLING SYSTEM INCLUDING THE SAME

(71) Fleet Space Technologies Pty Ltd  
(21) 2021901451 (22) 14.05.2021  
(54) Seismic data acquisition unit, method, and system employing the same

(71) Foletta, S.  
(21) 2021901374 (22) 09.05.2021  
(54) Floation Engine

(71) FOOD MECHANIQUE AUSTRALIA PTY. LIMITED  
(21) 2021901454 (22) 16.05.2021  
(54) Emulsification of casein

(71) Gale Pacific Limited  
(21) 2021901427 (22) 13.05.2021  
(54) A KNITTED FABRIC

(71) Golf Surprize Pty Ltd  
(21) 2021901389 (22) 11.05.2021  
(54) A COMBINED BOOKING ENGINE AND WAGERING SERVER

(71) Griffith University  
(21) 2021901392 (22) 11.05.2021  
(54) Immunogenic composition

Griffith University see The University of Adelaide  
(21) 2021901444

(71) Hollingworth, I.; Shook, A.  
(21) 2021901398 (22) 11.05.2021  
(54) Modified Caron process for producing nickel from laterite ores

(71) Ideation Training Pty. Ltd.  
(21) 2021901395 (22) 11.05.2021  
(54) Actuator Mechanism

(71) Integrated Plastics Pty Limited  
(21) 2021901404 (22) 12.05.2021  
(54) Single Connect Integral Handle of PET Container and Method of Production

(71) Integrated Plastics Pty Limited  
(21) 2021901405 (22) 12.05.2021  
(54) Preform Distortion Control and Method

(71) Integrated Plastics Pty Limited  
(21) 2021901414 (22) 12.05.2021  
(54) Continuous Stretch Blow Moulding System

(71) INTERVENTION ENGINEERING PTY LTD  
(21) 2021901383 (22) 10.05.2021  
(54) Device interface for a subsea target

(71) J&C Medical Pty Ltd  
(21) 2021901402 (22) 12.05.2021  
(54) An adhesive wound dressing and method of application thereof for dressing lacerations

(71) Keg X Holdings Pty Ltd  
(21) 2021901447 (22) 14.05.2021  
(54) REFRIGERATION UNIT

(71) Knorr, A.  
(21) 2021901450 (22) 14.05.2021  
(54) Planar and Straight Line Mechanism and Embodiments

Lam, B. see Morrow, D.  
(21) 2021901413

(71) Lateral IP Pty Ltd  
(21) 2021901369 (22) 07.05.2021  
(54) Compositions for treating inflammatory airway disease and uses thereof

(71) Laws, J.  
(21) 2021901378 (22) 09.05.2021  
(54) Whistle

(71) LESHER, G.D.  
(21) 2021901370 (22) 07.05.2021  
(54) APPARATUS AND METHOD OF OBTAINING POTABLE WATER FROM IMPURE WATER SOURCE

(71) Lewis Australia Pty Ltd  
(21) 2021901432 (22) 13.05.2021  
(54) An Improved Thermal Lance

Lyttle, A. see EL-Sallam, A.  
(21) 2021901399

(71) Madden, I.  
(21) 2021901415 (22) 12.05.2021  
(54) PRODUCE HANDLING EQUIPMENT

(71) Malaxetxetarra, M.  
(21) 2021901403 (22) 12.05.2021  
(54) An electric tractor

(71) mckenna, m.  
(21) 2021901436 (22) 14.05.2021  
(54) Personal portable oven and pie heater is a oven that works on batteries or chemical or a combination of both to heat food up quickly with a touch of a button it can be used anywhere from footy games to train trips whenever a hot sandwich or pie is needed .it can be made relatively cheaply and the application can be used in other things such as pies that can be bought from a store cold then heated later

(71) Medlab IP Pty Ltd  
(21) 2021901381 (22) 10.05.2021  
(54) Immune support formulation comprising ascorbate

(71) Microba IP Pty Ltd  
(21) 2021901387 (22) 10.05.2021  
(54) Compositions and Methods for Treating Disease

(71) MINETOMETAL PTY LTD  
(21) 2021901379 (22) 10.05.2021  
(54) Improved Hydrometallurgical Copper Process

Provisional Applications Filed - Name Index cont'd

(71) Mobbs, B.  
(21) 2021901421 (22) 13.05.2021  
(54) JOCKEY WHEEL

(71) Morrow, D.; Chait, T.; Lam, B.  
(21) 2021901413 (22) 12.05.2021  
(54) VETERINARY TRANSDERMAL FORMULATION

(71) MoVitro Pty Ltd  
(21) 2021901391 (22) 11.05.2021  
(54) Flexible Drive Autonomous Window Actuator

(71) Noxopharm Limited  
(21) 2021901409 (22) 12.05.2021  
(54) Treatment for cytokine release syndrome

(71) OKA Rock Bolt Technologies Pty Limited  
(21) 2021901394 (22) 11.05.2021  
(54) A drill head injection system for a self-drilling rock bolt assembly

(71) Orange Mining Research Pty Ltd  
(21) 2021901422 (22) 13.05.2021  
(54) A system for tuning hydraulic components of a production digger

(71) OUR ECO BEE PTY LTD  
(21) 2021901453 (22) 15.05.2021  
(54) Modular cultivation arrangement

(71) Pay Me Now Please Pty Ltd  
(21) 2021901426 (22) 13.05.2021  
(54) Flexible Payroll Payment and Savings System and/or Method

(71) PHTHREE PTY LTD  
(21) 2021901416 (22) 13.05.2021  
(54) A SYSTEM AND METHOD FOR PROVIDING A FINANCIAL INSTRUMENT FOR DOWNSIDE ASSET PROTECTION AND OPERATION OF A FINANCIAL INSTRUMENT MARKET (REVERSE LIMIT ORDER BOOK MARKET)

(71) POWERHOUSE CONSORTIUM PTY LTD  
(21) 2021901390 (22) 11.05.2021  
(54) GAMEPLAY APPARATUS AND METHOD OF PLAYING A GAME

(71) Project Initiation & Facilitation Pty Ltd  
(21) 2021901452 (22) 15.05.2021  
(54) Permanent Broad Column Formwork

(71) Qulok IP Pty Ltd  
(21) 2021901384 (22) 10.05.2021  
(54) A Security Screen Assembly

(71) RASIC, L.M.  
(21) 2021901401 (22) 12.05.2021  
(54) Container with Pouring Spout

(71) Redei Innovations Pty Ltd  
(21) 2021901411 (22) 12.05.2021  
(54) Electricity supply system

(71) ResMed Pty Ltd  
(21) 2021901408 (22) 12.05.2021  
(54) Structures for Head Mounted Displays

(71) REX Energy Pty Ltd  
(21) 2021901433 (22) 13.05.2021  
(54) Energy Provision System and Method

(71) SAAVEDRA, J.  
(21) 2021901437 (22) 13.05.2021  
(54) FAIL SAFE AIRCRAFT ENGINE.

(71) SAGE ENTERTAINMENT PTY LTD  
(21) 2021901407 (22) 12.05.2021  
(54) SYSTEM AND METHOD FOR FACILITATING VIRTUAL PARTICIPATION IN A RACING EVENT

(71) Samsara Recycling Pty Limited  
(21) 2021901431 (22) 13.05.2021  
(54) Enzyme variants and uses thereof

(71) Seeing Machines Limited  
(21) 2021901443 (22) 14.05.2021  
(54) Crew Controlled Rest Support System

(71) Servatus Ltd  
(21) 2021901393 (22) 11.05.2021  
(54) Treatment for alopecia

(71) Servatus Ltd  
(21) 2021901412 (22) 12.05.2021  
(54) Tipper body prop

(71) Servatus Ltd  
(21) 2021901418 (22) 13.05.2021  
(54) Polypeptides and uses therefor

Shook, A. see Hollingworth, I.  
(21) 2021901398

(71) Simpson, P.  
(21) 2021901446 (22) 14.05.2021  
(54) Building Block and Extreme Weather Building System

(71) SONFLOWER PTY LTD  
(21) 2021901440 (22) 14.05.2021  
(54) Improved Fuel Cells System

(71) SPEEDPILE PTY LTD  
(21) 2021901442 (22) 14.05.2021  
(54) A Structural Assembly

(71) Szarka-Kovacs, Z.  
(21) 2021901364 (22) 07.05.2021  
(54) AN EDUCATIONAL DEVICE FOR LEARNING A MATHEMATICAL TABLE

(71) THE EVER CHILL SLIDER PTY LTD  
(21) 2021901367 (22) 07.05.2021  
(54) Beverage container

(71) The University of Adelaide; Griffith University  
(21) 2021901444 (22) 14.05.2021  
(54) Methods of analysing a sample

(71) Thornber, F.  
(21) 2021901375 (22) 09.05.2021  
(54) Safe Sprinkler

Vanzati, J. see Vanzati, K.  
(21) 2021901434

(71) Vanzati, K.; Vanzati, J.  
(21) 2021901434 (22) 13.05.2021  
(54) Smart Device Accessory

(71) Venter, J.  
(21) 2021901371 (22) 07.05.2021  
(54) Camping Awning

(71) Volt Power Group Limited  
(21) 2021901386 (22) 10.05.2021  
(54) An Energy Storage And Power Production System

(71) Walmsley Developments Pty Ltd  
(21) 2021901420 (22) 13.05.2021  
(54) PORTABLE PUMP

(71) Webb, R.E.  
(21) 2021901406 (22) 12.05.2021  
(54) LIFTING APPARATUS

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<b>2021901364</b>	Szarka-Kovacs, Z.	<b>2021901436</b>	mckenna, m.
<b>2021901367</b>	THE EVER CHILL SLIDER PTY LTD	<b>2021901437</b>	SAAVEDRA, J.
<b>2021901369</b>	Lateral IP Pty Ltd	<b>2021901438</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2021901370</b>	LESHER, G.D.	<b>2021901439</b>	3C Solutions Pty Ltd; Britton, J.
<b>2021901371</b>	Venter, J.	<b>2021901440</b>	SONFLOWER PTY LTD
<b>2021901372</b>	EELO Group Pty Ltd	<b>2021901441</b>	Anscot Pty Ltd
<b>2021901373</b>	FIRMUS GRID PTY LTD	<b>2021901442</b>	SPEEDPILE PTY LTD
<b>2021901374</b>	Foletta, S.	<b>2021901443</b>	Seeing Machines Limited
<b>2021901375</b>	Thornber, F.	<b>2021901444</b>	The University of Adelaide; Griffith University
<b>2021901376</b>	durack, m.	<b>2021901445</b>	AERO CHAMBER PTY LTD
<b>2021901377</b>	CHARMINGS GLOBAL PTY LTD	<b>2021901446</b>	Simpson, P.
<b>2021901378</b>	Laws, J.	<b>2021901447</b>	Keg X Holdings Pty Ltd
<b>2021901379</b>	MINETOMETAL PTY LTD	<b>2021901448</b>	Carlei, R.; Barker, R.
<b>2021901381</b>	Medlab IP Pty Ltd	<b>2021901449</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2021901382</b>	Ayache, K.	<b>2021901450</b>	Knorr, A.
<b>2021901383</b>	INTERVENTION ENGINEERING PTY LTD	<b>2021901451</b>	Fleet Space Technologies Pty Ltd
<b>2021901384</b>	Qulok IP Pty Ltd	<b>2021901452</b>	Project Initiation & Facilitation Pty Ltd
<b>2021901385</b>	Envision Sciences Pty Ltd	<b>2021901453</b>	OUR ECO BEE PTY LTD
<b>2021901386</b>	Volt Power Group Limited	<b>2021901454</b>	FOOD MECHANIQUE AUSTRALIA PTY. LIMITED
<b>2021901387</b>	Microba IP Pty Ltd		
<b>2021901388</b>	a) Anchique Pty Ltd		
<b>2021901389</b>	Golf Surprize Pty Ltd		
<b>2021901390</b>	POWERHOUSE CONSORTIUM PTY LTD		
<b>2021901391</b>	MoVitro Pty Ltd		
<b>2021901392</b>	Griffith University		
<b>2021901393</b>	Servatus Ltd		
<b>2021901394</b>	OKA Rock Bolt Technologies Pty Limited		
<b>2021901395</b>	Ideation Training Pty. Ltd.		
<b>2021901396</b>	COREIoT Pty Ltd		
<b>2021901397</b>	Bradken Resources Pty Limited		
<b>2021901398</b>	Hollingworth, I.; Shook, A.		
<b>2021901399</b>	EL-Sallam, A.; Alderson, J.; Lyttle, A.		
<b>2021901400</b>	Astral Property Pty Limited		
<b>2021901401</b>	RASIC, L.M.		
<b>2021901402</b>	J&C Medical Pty Ltd		
<b>2021901403</b>	Malaxetxetarra, M.		
<b>2021901404</b>	Integrated Plastics Pty Limited		
<b>2021901405</b>	Integrated Plastics Pty Limited		
<b>2021901406</b>	Webb, R.E.		
<b>2021901407</b>	SAGE ENTERTAINMENT PTY LTD		
<b>2021901408</b>	ResMed Pty Ltd		
<b>2021901409</b>	Noxopharm Limited		
<b>2021901410</b>	Anaxis Pharma Pty Ltd		
<b>2021901411</b>	Redei Innovations Pty Ltd		
<b>2021901412</b>	Servatus Ltd		
<b>2021901413</b>	Morrow, D.; Chait, T.; Lam, B.		
<b>2021901414</b>	Integrated Plastics Pty Limited		
<b>2021901415</b>	Madden, I.		
<b>2021901416</b>	PHTHREE PTY LTD		
<b>2021901418</b>	Servatus Ltd		
<b>2021901419</b>	AQUA ARMOUR PTY LTD; Fiedler, T.		
<b>2021901420</b>	Walmsley Developments Pty Ltd		
<b>2021901421</b>	Mobbs, B.		
<b>2021901422</b>	Orange Mining Research Pty Ltd		
<b>2021901423</b>	BLOOMFIELD TECHNOLOGIES PTY LTD		
<b>2021901424</b>	Commonwealth Scientific and Industrial Research Organisation		
<b>2021901425</b>	BXR SINTERTECH HOLDINGS PTY LTD		
<b>2021901426</b>	Pay Me Now Please Pty Ltd		
<b>2021901427</b>	Gale Pacific Limited		
<b>2021901428</b>	Dobson, S.		
<b>2021901429</b>	Altech Chemicals Australia Pty Ltd		
<b>2021901430</b>	CMTE Development Limited		
<b>2021901431</b>	Samsara Recycling Pty Limited		
<b>2021901432</b>	Lewis Australia Pty Ltd		
<b>2021901433</b>	REX Energy Pty Ltd		
<b>2021901434</b>	Vanzati, K.; Vanzati, J.		
<b>2021901435</b>	ABIM Solutions Pty Ltd		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 May 2021 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2021202872 (22) 06.05.2021 (54) Method of assisting orthodontics and orthodontics assisting system (62) 2018273086</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2021202813 (22) 04.05.2021 (54) Medical device data processing and communication methods and systems (62) 2018274889</p> <hr/> <p>(71) ABB Schweiz AG (21) 2021202947 (22) 10.05.2021 (54) Hygienic coupling system (31) 20 175 549.3 (32) 19.05.20 (33) EP</p> <hr/> <p>(71) AbbVie Inc. (21) 2021202954 (22) 10.05.2021 (54) Prolactin receptor binding proteins and uses thereof (62) 2019202725</p> <hr/> <p>(71) Ablynx NV (21) 2021202747 (22) 03.05.2021 (54) Methods of treating TTP with immunoglobulin single variable domains and uses thereof (62) 2015276237</p> <hr/> <p>(71) Acer Incorporated (21) 2021202964 (22) 10.05.2021 (54) METHOD FOR RECEIVING DOWN-LINK CONTROL INFORMATION BAND AND USER EQUIPMENT USING THE SAME (31) 63/031,583 (32) 29.05.20 (33) US 17/237,072 22.04.21 US</p> <hr/> <p>(71) Acres Technology (21) 2021202979 (22) 11.05.2021 (54) Method and Apparatus for Communicating Information about Networked Gaming Machines to Players (62) 2015234320</p> <hr/> <p>(71) Aders, A. (21) 2021202951 (22) 10.05.2021 (54) Technologies for transportation (62) 2019246809</p>	<p>(71) Adimab, LLC (21) 2021202876 (22) 06.05.2021 (54) Rationally designed, synthetic antibody libraries and uses therefor (62) 2019204933</p> <hr/> <p>(71) ADVAGENE BIOPHARMA CO., LTD. (21) 2021202909 (22) 07.05.2021 (54) METHOD FOR THE PROPHYLAXIS OR TREATMENT OF CORONAVIRUS INFECTION USING AN IMMUNOMODULATOR AND VACCINE COMPOSITIONS COMPRISING THE SAME (31) 63/022,017 (32) 08.05.20 (33) US</p> <hr/> <p>(71) Aegea Medical Inc. (21) 2021202777 (22) 04.05.2021 (54) Induction coil assembly for uterine ablation and method (62) 2018288848</p> <hr/> <p>(71) AiCuris GmbH &amp; Co. KG (21) 2021202942 (22) 10.05.2021 (54) A maleate salt of the free base of N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide, pharmaceutical formulations, methods of manufacture and uses thereof for the treatment of herpes viruses (62) 2017365639</p> <hr/> <p>(71) Alchin Long Group IP Pty Limited (21) 2021202849 (22) 05.05.2021 (54) A roller assembly (31) 2020901444 (32) 06.05.20 (33) AU</p> <hr/> <p>(71) Alector LLC (21) 2021202840 (22) 05.05.2021 (54) Anti-TREM2 antibodies and methods of use thereof (62) 2015300787</p> <hr/> <p><b>Allen, C.J. see Le Dévédec, F.</b> (21) 2021202965</p> <hr/> <p>(71) ALLEN, W.J. (21) 2021202755 (22) 03.05.2021 (54) TILED FLOOR ASSEMBLY AND COMPONENTS (62) 2019373852</p>	<p>(71) ALSTOM Transport Technologies; Université Polytechnique Hauts-de-France; Centre National de la Recherche Scientifique (21) 2021202831 (22) 05.05.2021 (54) Particle-collecting device and vehicle equipped with such a device (31) 20 04548 (32) 07.05.20 (33) FR</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2021202847 (22) 05.05.2021 (54) CENTRALIZED NETWORKING CONFIGURATION IN DISTRIBUTED SYSTEMS (62) 2019208140</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2021202805 (22) 04.05.2021 (54) Management system of gaming chips and storage box (62) 2017389188</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2021202868 (22) 06.05.2021 (54) Management system of gaming chips and storage box (62) 2019219763</p> <hr/> <p>(71) Apple Inc. (21) 2021202797 (22) 04.05.2021 (54) Context-specific user interfaces (62) 2019208225</p> <hr/> <p>(71) Apple Inc. (21) 2021202815 (22) 04.05.2021 (54) Message user interfaces for capture and transmittal of media and location content (62) 2020201575</p> <hr/> <p>(71) Apple Inc. (21) 2021202834 (22) 05.05.2021 (54) Techniques for managing display usage (62) 2020309093</p> <hr/> <p>(71) Apple Inc. (21) 2021202836 (22) 05.05.2021 (54) Techniques for managing display usage (62) 2020309093</p> <hr/> <p>(71) Apple Inc. (21) 2021202903 (22) 07.05.2021</p>
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- (54) Gesture based graphical user interface for managing concurrently open software applications  
(62) 2019204750
- 
- (71) Apple Inc.  
(21) 2021202959 (22) 10.05.2021  
(54) User interface for managing access to credentials for use in an operation  
(62) 2019250143
- 
- (71) Arbutus Biopharma Corporation  
(21) 2021202944 (22) 10.05.2021  
(54) SCREENING METHOD FOR SELECTED AMINO LIPID-CONTAINING COMPOSITIONS  
(62) 2020202468
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- (71) Aristocrat Technologies, Inc.  
(21) 2021202861 (22) 05.05.2021  
(54) ELECTRONIC GAMING MACHINE WITH ACCESS DOOR  
(31) 16/867,290 (32) 05.05.20 (33) US
- 
- (71) Aristocrat Technologies, Inc.  
(21) 2021202890 (22) 06.05.2021  
(54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH SHORT TERM PERSISTENCE  
(31) 63/020,730 (32) 06.05.20 (33) US  
17/205,667 18.03.21 US
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- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2021202820 (22) 04.05.2021  
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME  
(62) 2018274893
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- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2021202824 (22) 04.05.2021  
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME  
(62) 2018275003
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- (71) Ascendis Pharma A/S  
(21) 2021202767 (22) 03.05.2021  
(54) Front loaded auto injector for administering a medicament  
(62) 2016383024
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- (71) Astex Therapeutics Limited; Cancer Research Technology Limited  
(21) 2021202962 (22) 10.05.2021  
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity  
(62) 2016330030
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- (71) Astex Therapeutics Limited; Cancer Research Technology Limited  
(21) 2021202973 (22) 10.05.2021  
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity  
(62) 2016330029
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- (71) Avellino Lab USA, Inc.  
(21) 2021202884 (22) 06.05.2021  
(54) Methods for Multiplex Detection of Alleles Associated with Ophthalmic Conditions  
(62) 2014348279
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- (71) Baraja Pty Ltd  
(21) 2021202811 (22) 04.05.2021  
(54) Estimation of spatial profile of environment  
(62) 2017377672
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- (71) BD Kiestra B.V.  
(21) 2021202750 (22) 03.05.2021  
(54) Method and system for automatically counting microbial colonies  
(62) 2016250792
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- (71) Billtrader Pty Ltd  
(21) 2021202877 (22) 06.05.2021  
(54) COMPUTER IMPLEMENTED MULTI-CURRENCY INVOICE CAPTURE, TRADING, ACCESS AND PAYMENT SYSTEM  
(62) 2016275568
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- (71) Bioerativ Therapeutics Inc.  
(21) 2021202912 (22) 07.05.2021  
(54) Factor VIII-Fc chimeric and hybrid polypeptides, and methods of use thereof  
(62) 2019202969
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- (71) Blatchley, R.  
(21) 2021202754 (22) 03.05.2021  
(54) Caravan-houseboat.
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- (71) Blaze Bioscience, Inc.  
(21) 2021202814 (22) 04.05.2021  
(54) Chlorotoxin conjugates and methods of use thereof  
(62) 2020200116
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- (71) Bonac Corporation  
(21) 2021202749 (22) 03.05.2021  
(54) Artificial single guide RNA and use thereof  
(62) 2017213405
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- (71) Braidotti, P.  
(21) 2021202961 (22) 10.05.2021  
(54) Clamping Device
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- (71) Buckman Laboratories International, Inc  
(21) 2021202765 (22) 03.05.2021  
(54) Method to enhance yeast growth for fermentative bioproduct production, and nutrient composition for same  
(62) 2016340880
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- (71) Burcon Nutrascience (MB) Corp.  
(21) 2021202880 (22) 05.05.2021  
(54) PREPARATION OF NON-SOY OIL-SEED PROTEIN PRODUCTS (810)  
(62) 2017210771
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- (71) Butterfly Network, Inc.  
(21) 2021202768 (22) 03.05.2021  
(54) Trans-impedance amplifier for ultrasound device and related apparatus and methods  
(62) 2016364736
- 
- (71) Cahejo Pty Ltd  
(21) 2021202859 (22) 05.05.2021  
(54) RETRACTABLE WHEEL SYSTEM  
(31) 2020901450 (32) 06.05.20 (33) AU
- 
- (71) Cahejo Pty Ltd  
(21) 2021202882 (22) 06.05.2021  
(54) CASTER LOCKING SYSTEM  
(31) 2020901448 (32) 06.05.20 (33) AU
- 
- (71) Cahejo Pty Ltd  
(21) 2021202883 (22) 06.05.2021  
(54) CHASSIS FRAME  
(31) 2020901449 (32) 06.05.20 (33) AU
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- Calhoon, J.H. see Dearmond, D.T.  
(21) 2021202972
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- Cancer Research Technology Limited see Astex Therapeutics Limited  
(21) 2021202962
- 
- Cancer Research Technology Limited see Astex Therapeutics Limited  
(21) 2021202973
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- (71) Canon Kabushiki Kaisha  
(21) 2021202841 (22) 05.05.2021  
(54) Process cartridge, electrophotographic image forming apparatus and electrophotographic photosensitive drum unit  
(62) 2019210524
- 
- (71) Caribou Biosciences, Inc.  
(21) 2021202913 (22) 07.05.2021  
(54) CRISPR hybrid DNA/RNA polynucleotides and methods of use  
(62) 2016211517
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(71) Cearna, Inc.  
(21) 2021202953 (22) 10.05.2021  
(54) Homeopathic therapeutic method and compositions  
(62) 2019204438

(71) Celgene Corporation  
(21) 2021202875 (22) 06.05.2021  
(54) Antiproliferative compounds, and their pharmaceutical compositions and uses  
(62) 2017205636

(71) Centese, Inc.  
(21) 2021202853 (22) 05.05.2021  
(54) Devices and methods for managing chest drainage  
(62) 2019261792

Centre National de la Recherche Scientifique see ALSTOM Transport Technologies  
(21) 2021202831

(71) Circulogene Theranostics, LLC  
(21) 2021202766 (22) 03.05.2021  
(54) METHOD OF PREPARING CELL FREE NUCLEIC ACID MOLECULES BY IN SITU AMPLIFICATION  
(62) 2016306688

(71) Clawson, J.  
(21) 2021202837 (22) 05.05.2021  
(54) Active assailant protocol for emergency dispatch  
(62) 2019203642

(71) Cobalt Extreme Pty Ltd  
(21) 2021202857 (22) 05.05.2021  
(54) Thread protector  
(31) 2020901442 (32) 06.05.20 (33) AU

(71) ConocoPhillips Company; University of Kansas  
(21) 2021202819 (22) 04.05.2021  
(54) LOW MOLECULAR WEIGHT POLYACRYLATES FOR EOR  
(62) 2020201160

(71) Contemporary Han Cloud Co., Ltd  
(21) 2021202795 (22) 04.05.2021  
(54) Device and method for pulse diagnosis measurement  
(62) 2019204074

(71) Covidien LP  
(21) 2021202809 (22) 04.05.2021  
(54) Robotic surgical assemblies  
(62) 2017272072

(71) CROWN MELBOURNE LIMITED  
(21) 2021202783 (22) 04.05.2021

(54) A CARD GAMING METHOD, SYSTEM AND APPARATUS  
(62) 2015224485

(71) CSR Building Products Limited  
(21) 2021202878 (22) 06.05.2021  
(54) BRACKET  
(62) 2015202296

(71) CUMMINS, I.  
(21) 2021202826 (22) 04.05.2021  
(54) Water Renewal Treatment System  
(31) 2020904866 (32) 29.12.20 (33) AU

(71) Dayton Superior Corporation  
(21) 2021202881 (22) 06.05.2021  
(54) VARIABLE HEIGHT ACCESSORY PLACEMENT CHAIR  
(62) 2019202764

(71) Dearmond, D.T.; Calhoun, J.H.  
(21) 2021202972 (22) 10.05.2021  
(54) SIGNALING UNIT DESIGNED TO INTRODUCE VIBRATIONAL IMPULSE PATTERNS INTO AN INTRAVENOUS FLUID COLUMN  
(62) 2016308350

(71) DemeRx, Inc.  
(21) 2021202957 (22) 10.05.2021  
(54) METHODS AND COMPOSITIONS FOR POTENTIATING THE ACTION OF OPIOID ANALGESICS USING IBOGA ALKALOIDS  
(62) 2015353414

(71) Dexcom, Inc.  
(21) 2021202782 (22) 04.05.2021  
(54) System and method for data analytics and visualization  
(62) 2019202094

(71) Divine Logic, Inc.  
(21) 2021202796 (22) 04.05.2021  
(54) SYSTEMS AND METHODS FOR TRACKING ITEMS  
(62) 2018368776

(71) Donald Steven Corenman  
(21) 2021202817 (22) 04.05.2021  
(54) Biological disc graft and method for relief of lower back pain and joint pain  
(62) 2015392992

(71) DOWNUNDER GEOSOLUTIONS PTY LTD  
(21) 2021202892 (22) 06.05.2021  
(54) METHOD FOR DETERMINING NOTIONAL SEISMIC SOURCE SIGNATURES AND THEIR GHOSTS FROM NEAR FIELD MEASUREMENTS AND

ITS APPLICATION TO DETERMINING FAR FIELD SOURCE SIGNATURES  
(62) 2017307058

(71) Duke University  
(21) 2021202778 (22) 04.05.2021  
(54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR TREATING NEUROLOGICAL DISORDERS  
(62) 2019205970

Elmqvist, C.E. see Le Dévédéc, F.  
(21) 2021202965

(71) Emory University  
(21) 2021202967 (22) 10.05.2021  
(54) Phosphoramidates for the treatment of Hepatitis B virus  
(62) 2015363042

(71) Epizyme, Inc.  
(21) 2021202894 (22) 07.05.2021  
(54) ARYL-OR HETEROARYL-SUBSTITUTED BENZENE COMPOUNDS  
(62) 2019280102

(71) Equifax Inc.  
(21) 2021202958 (22) 10.05.2021  
(54) Clustering techniques for machine learning models  
(31) 16/875,658 (32) 15.05.20 (33) US

(71) Equinor Energy AS  
(21) 2021202822 (22) 04.05.2021  
(54) A method of identifying a material and/or condition of a material in a borehole  
(62) 2016254907

(71) Evogene Ltd.  
(21) 2021202753 (22) 03.05.2021  
(54) Isolated polynucleotides and polypeptides and methods of using same for increasing plant yield, biomass, growth rate, vigor, oil content, abiotic stress tolerance of plants and nitrogen use efficiency  
(62) 2018253496

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2021202898 (22) 07.05.2021  
(54) VALSALVA MASK  
(62) 2020267199

(71) Fisher Paykel Healthcare Limited  
(21) 2021202865 (22) 06.05.2021  
(54) COMPONENTS FOR MEDICAL CIRCUITS  
(62) 2019219855

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(71) Flyingtee Tech, LLC.  
(21) 2021202781 (22) 04.05.2021  
(54) Multiple sensor tracking system and method  
(62) 2014405613

(71) Forty Seven, Inc.  
(21) 2021202966 (22) 10.05.2021  
(54) Humanized, mouse or chimeric anti-CD47 monoclonal antibodies  
(62) 2017206631

(71) FUJIAN XIHE SANITARY WARE TECHNOLOGY CO., LTD.  
(21) 2021202976 (22) 11.05.2021  
(54) TELESCOPIC SHOWER  
(31) 202011130111.6 (32) 21.10.20 (33) CN

**FURUKAWA ELECTRIC CO., LTD. see NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY**  
(21) 2021202968

(71) Geberit International AG  
(21) 2021202928 (22) 10.05.2021  
(54) Drain arrangement  
(31) 20174356.4 (32) 13.05.20 (33) EP  
20174359.8 13.05.20 EP

(71) Geberit International AG  
(21) 2021202929 (22) 10.05.2021  
(54) Drain arrangement  
(31) 20174359.8 (32) 13.05.20 (33) EP  
20174356.4 13.05.20 EP

(71) Genano Oy  
(21) 2021202873 (22) 06.05.2021  
(54) Air purifying device, arrangement and method for separating materials from a gas flow  
(31) 20205494 (32) 15.05.20 (33) FI

(71) Germon, P.  
(21) 2021202891 (22) 06.05.2021  
(54) Gutter, Gutter Assembly and System  
(62) 2016200161

(71) Geron Corporation  
(21) 2021202803 (22) 04.05.2021  
(54) Methods of polynucleotide preparation using multivalent cation salt compositions  
(62) 2016250576

(71) GNB Global Inc.  
(21) 2021202871 (22) 06.05.2021  
(54) TENSIONED SHEET WALL SYSTEM FOR A BUILDING

(71) Google LLC  
(21) 2021202981 (22) 11.05.2021

(54) QUANTUM NEURAL NETWORK  
(62) 2018278348

(71) Gradidge, R.C.  
(21) 2021202842 (22) 05.05.2021  
(54) Pumping assembly and pump including such assembly  
(31) 2020/02426 (32) 05.05.20 (33) US

(71) GVC Australia Pty Ltd  
(21) 2021202887 (22) 06.05.2021  
(54) Controlling access to a video library  
(31) 2020901467 (32) 08.05.20 (33) AU

**Hakim, J.M. see Hakim, C.A.**  
(21) 2021202952

(71) Hakim, C.A.; Hakim, J.M.  
(21) 2021202952 (22) 10.05.2021  
(54) EXTERNALLY PROGRAMABLE MAGNETIC VALVE ASSEMBLY AND CONTROLLER  
(31) 16/879,925 (32) 21.05.20 (33) US

(71) Harsco Technologies LLC  
(21) 2021202756 (22) 03.05.2021  
(54) FAILSAFE RAIL MOUNTED SHUNT DEVICE  
(62) 2015327906

**Haruta, C. see Haruta, P.**  
(21) 2021202907

**Haruta, K. see Haruta, P.**  
(21) 2021202907

(71) Haruta, P.; Haruta, C.; Haruta, K.  
(21) 2021202907 (22) 07.05.2021  
(54) Computing technologies for diagnosis and therapy of language-related disorders  
(62) 2019204382

(71) HAWK NZ LIMITED  
(21) 2021202776 (22) 04.05.2021  
(54) An apparatus for storage  
(31) 764162 (32) 04.05.20 (33) NZ

(71) Hettich-Heinze GmbH & Co. KG  
(21) 2021202773 (22) 03.05.2021  
(54) A piece of furniture  
(31) 10 2020 114 807.0 (32) 04.06.20 (33) DE

(71) HGH IP Pty Ltd  
(21) 2021202893 (22) 07.05.2021  
(54) Ameliorating the spread of infectious disease  
(31) 2020901457 (32) 07.05.20 (33) AU  
2020902988 21.08.20 AU

(71) HONEYWELL INTERNATIONAL INC.  
(21) 2021202869 (22) 06.05.2021  
(54) ENERGY CONTROL FOR ENERGY STORAGE SYSTEMS  
(31) 63/025483 (32) 15.05.20 (33) US  
17/226525 09.04.21 US

(71) HONEYWELL INTERNATIONAL INC.  
(21) 2021202870 (22) 06.05.2021  
(54) MILLIMETER-WAVE AND ULTRASOUND SENSORS  
(31) 63/024690 (32) 14.05.20 (33) US  
17/226489 09.04.21 US

(71) HOWMEDICA OSTEONICS CORP.  
(21) 2021202801 (22) 04.05.2021  
(54) STEMLESS METAPHYSEAL HUMERAL IMPLANT  
(31) 63/021,377 (32) 07.05.20 (33) US

(71) HOWMEDICA OSTEONICS CORP.  
(21) 2021202888 (22) 06.05.2021  
(54) MEDIAL TROCHANTERIC PLATE FIXATION  
(31) 63/029,795 (32) 26.05.20 (33) US

(71) Huawei Technologies Co., Ltd.  
(21) 2021202982 (22) 11.05.2021  
(54) METHOD FOR DISPLAYING GRAPHICAL USER INTERFACE BASED ON GESTURE, AND ELECTRONIC DEVICE  
(62) 2017394059

(71) Humanics Corporation  
(21) 2021202785 (22) 04.05.2021  
(54) Radio-frequency localization techniques and associated systems, devices, and methods  
(62) 2016371057

(71) Huwais IP Holding LLC  
(21) 2021202746 (22) 03.05.2021  
(54) Autografting tool with enhanced flute profile and methods of use  
(62) 2017207510

(71) Illinois Tool Works Inc.  
(21) 2021202828 (22) 04.05.2021  
(54) Jig for forming a floating connection between mutually transverse structural members  
(31) 2020901436 (32) 06.05.20 (33) AU  
2020903929 29.10.20 AU

(71) INDUSTRIAL GALVANIZERS CORPORATION PTY LTD  
(21) 2021202901 (22) 07.05.2021  
(54) IMPROVED GUARD RAIL ASSEMBLY  
(62) 2019204929

Complete Applications Filed - Name Index cont'd

(71) Intravital Pty Ltd  
 (21) 2021202821 (22) 04.05.2021  
 (54) DRUG DELIVERY DEVICE WITH PRE-ASSEMBLED CARTRIDGE  
 (62) 2016269847

(71) Intuit Inc.  
 (21) 2021202807 (22) 04.05.2021  
 (54) Method to determine account similarity in an online accounting system  
 (62) 2018213294

(71) Intuit Inc.  
 (21) 2021202844 (22) 05.05.2021  
 (54) Personalized transaction categorization  
 (31) 17/187,660 (32) 26.02.21 (33) US

(71) Intuit Inc.  
 (21) 2021202845 (22) 05.05.2021  
 (54) Framework for transaction categorization personalization  
 (31) 17/218,079 (32) 30.03.21 (33) US

(71) Intuit Inc.  
 (21) 2021202846 (22) 05.05.2021  
 (54) Categorizing transaction records  
 (31) 17/217,907 (32) 30.03.21 (33) US

(71) Intuit Inc.  
 (21) 2021202850 (22) 05.05.2021  
 (54) Learning user actions to improve transaction categorization  
 (31) 17/162,365 (32) 29.01.21 (33) US

(71) Invensys Systems, Inc.  
 (21) 2021202885 (22) 06.05.2021  
 (54) SYSTEMS AND METHODS OF HIERARCHICAL SMART ASSET CONTROL APPLICATION DEVELOPMENT AND OPTIMIZATION  
 (62) 2016339028

(71) Invensys Systems, Inc.  
 (21) 2021202886 (22) 06.05.2021  
 (54) SYSTEMS AND METHODS OF HIERARCHICAL SMART ASSET CONTROL APPLICATION DEVELOPMENT AND OPTIMIZATION  
 (62) 2016339030

(71) J&M Shuler Medical, Inc.  
 (21) 2021202798 (22) 04.05.2021  
 (54) Sub-atmospheric wound therapy systems and methods  
 (62) 2016298176

(71) Janssen Biotech, Inc.; Tufts Medical Center, Inc.  
 (21) 2021202895 (22) 07.05.2021

(54) Anti-CD38 antibodies for treatment of light chain amyloidosis and other CD38-positive hematological malignancies  
 (62) 2016264725

(71) Jeld-Wen, Inc.  
 (21) 2021202760 (22) 03.05.2021  
 (54) Drop roller press and method of making recessed panel doors  
 (31) 16/870,756 (32) 08.05.20 (33) US

(71) Johnson Controls Technology  
 (21) 2021202791 (22) 04.05.2021  
 (54) Building management system with electrical energy storage optimization based on benefits and costs of participating in PBDR and IBDR programs  
 (62) 2016335868, 2016335869

(71) Karsten Manufacturing Corporation  
 (21) 2021202793 (22) 04.05.2021  
 (54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly  
 (62) 2016226307

(71) KEIGHTLLEY, K.  
 (21) 2021202863 (22) 05.05.2021  
 (54) HOLE CUTTER HAVING PLUG EJECTION AND METHOD THEREOF  
 (31) 2020901468 (32) 08.05.20 (33) AU

(71) La Marzocco S.r.l.  
 (21) 2021202802 (22) 04.05.2021  
 (54) Machine of the piston type for dispensing coffee or other brewed beverages  
 (62) 2016292698

(71) LASO PTY LTD  
 (21) 2021202671 (22) 29.04.2021  
 (54) In stadia spectator maximisation and virtual screen solution  
 (31) 2020901378 (32) 01.05.20 (33) AU

(71) Le Dévédec, F.; Allen, C.J.; Stevens, D.M.; Rager-Aguiar, D.J.; Ruckh, T.T.; Elmquist, C.E.  
 (21) 2021202965 (22) 10.05.2021  
 (54) Crosslinked particles  
 (62) 2016335866

(71) LG Electronics Inc.  
 (21) 2021202838 (22) 05.05.2021  
 (54) Filter for water-purification device and water-purification device including the same  
 (31) 10-2020-0053930 (32) 06.05.20 (33) KR

(71) LG Electronics Inc.  
 (21) 2021202854 (22) 05.05.2021  
 (54) Lifter for laundry treating apparatus  
 (62) 2019206108

(71) LG Electronics Inc.  
 (21) 2021202971 (22) 10.05.2021  
 (54) Method for transmitting uplink control information and apparatus therefor  
 (62) 2019202687

(71) LG ELECTRONICS INC.  
 (21) 2021202910 (22) 07.05.2021  
 (54) FAN MOTOR  
 (31) 10-2020-0055281 (32) 08.05.20 (33) KR  
 10-2020-0059276 18.05.20 KR  
 10-2020-0060476 20.05.20 KR

(71) Limber Office Limited  
 (21) 2021202896 (22) 07.05.2021  
 (54) ADJUSTABLE HEIGHT DESK  
 (31) 63/022141 (32) 08.05.20 (33) US

(71) Lyons, M.  
 (21) 2021202734 (22) 01.05.2021  
 (54) Solar Shutters Modular Unit

(71) Mannix, S.  
 (21) 2021202855 (22) 05.05.2021  
 (54) Domestic Violence App

(71) Marantec Antriebs- und Steuerungstechnik GmbH & Co. KG  
 (21) 2021202833 (22) 05.05.2021  
 (54) Planar spiral gearbox and door drive component and door drive having said gearbox  
 (31) 20 2020 102 568.6 (32) 07.05.20 (33) DE

(71) MARA RENEWABLES CORPORATION  
 (21) 2021202832 (22) 05.05.2021  
 (54) Repeated fed-batch culture methods  
 (62) 2015332095

(71) Masimo Corporation  
 (21) 2021202800 (22) 04.05.2021  
 (54) Wireless patient monitoring systems and methods  
 (62) 2016315947

(71) Memorial Sloan Kettering Cancer Center  
 (21) 2021202780 (22) 04.05.2021  
 (54) MACROPINOCYTOSIS IN CANCER  
 (62) 2016260317

(71) Merus N.V.  
 (21) 2021202874 (22) 06.05.2021  
 (54) Antibodies that bind EGFR and cMET  
 (62) 2018312816

(71) Meshtec International Co., Ltd.  
 (21) 2021202848 (22) 05.05.2021  
 (54) Adjustable Door

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(71) Metso Outotec Finland Oy  
(21) 2021202827 (22) 04.05.2021  
(54) Flotation arrangement  
(62) 2018221278

(71) miDiagnostics NV  
(21) 2021202862 (22) 05.05.2021  
(54) Metering Arrangement In A Capillary Driven Fluid System And Method For The Same  
(62) 2018257567

(71) ModernaTX, Inc.  
(21) 2021202758 (22) 03.05.2021  
(54) Terminally modified RNA  
(62) 2019203876

(71) NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY; FURUKAWA ELECTRIC CO., LTD.  
(21) 2021202968 (22) 10.05.2021  
(54) Functional structure and production method for functional structure  
(62) 2018277966

(71) Nextgenic Pty Ltd  
(21) 2021202829 (22) 04.05.2021  
(54) SYSTEM AND METHOD FOR PROVIDING GEOGRAPHICAL AREA BASED ONLINE GAMING MACHINE SERVICES INCORPORATING PROACTIVE HARM MINIMISATION FEATURES TO PREVENT AND REDUCE HARM ASSOCIATED WITH THE PLAYING OF ONLINE GAMING MACHINE SERVICES202090142  
(31) 2020901421 (32) 05.05.20 (33) AU

(71) Northrop Grumman Systems Corporation  
(21) 2021202745 (22) 03.05.2021  
(54) AREA DENIAL COMMUNICATION LATENCY COMPENSATION  
(62) 2019257442

(71) Novartis AG  
(21) 2021202757 (22) 03.05.2021  
(54) Uses of myostatin antagonists, combinations containing them and uses thereof  
(62) 2019229380

(71) Novartis AG  
(21) 2021202787 (22) 04.05.2021  
(54) Combination therapy for the treatment of cancer  
(62) 2018208883

(71) Nunhems B.V.  
(21) 2021202761 (22) 03.05.2021  
(54) Lettuce variety NUN 09164 LTL

(71) Nunhems B.V.  
(21) 2021202763 (22) 03.05.2021  
(54) Lettuce variety NUN 08204 LTL

(71) Nuritas Limited  
(21) 2021202759 (22) 03.05.2021  
(54) PEPTIDES FOR USE IN PROMOTING TRANSPORT OF GLUCOSE  
(62) 2016293136

(71) Oppilan Pharma Ltd.  
(21) 2021202945 (22) 10.05.2021  
(54) Heterocyclic compounds for the treatment of disease  
(62) 2016353348

(71) Optis Wireless Technology, LLC  
(21) 2021202799 (22) 04.05.2021  
(54) Method and arrangement in a cellular communications system  
(62) 2019203507

(71) Pacific Edge Limited  
(21) 2021202735 (22) 03.05.2021  
(54) URINE MARKERS FOR DETECTION OF BLADDER CANCER  
(62) 2020200168

(71) Pandora A/S  
(21) 2021202790 (22) 04.05.2021  
(54) A Jewelry Clasp  
(31) 20176864.5 (32) 27.05.20 (33) EP

(71) PerkinElmer Health Sciences, Inc.  
(21) 2021202908 (22) 07.05.2021  
(54) Methods relating to testing for lysosomal storage disorders  
(62) 2015312013

(71) Power Box AG  
(21) 2021202905 (22) 07.05.2021  
(54) Improvements to Secure Storage Apparatus  
(31) 2006920.9 (32) 11.05.20 (33) GB

(71) Prok Conveyor Components Pty Ltd  
(21) 2021202752 (22) 03.05.2021  
(54) IMPROVEMENTS IN OR RELATING TO CONVEYOR BELT SYSTEMS  
(31) 2020901459 (32) 07.05.20 (33) AU  
2020904091 09.11.20 AU

(71) Prysmian S.p.A.  
(21) 2021202835 (22) 05.05.2021  
(54) Apparatus and method for testing a submarine high voltage cable system  
(31) 102020000011653 (32) 20.05.20 (33) IT

PureCircle Sdn Bhd see The Coca-Cola Company  
(21) 2021202897

(71) PURTON, W.W.  
(21) 2021202816 (22) 04.05.2021  
(54) ESPRESSO MILK FROTHER PROBE  
(62) 2019204643

Rager-Aguiar, D.J. see Le Dévédec, F.  
(21) 2021202965

(71) RECHNER Industrie-Elektronik GmbH  
(21) 2021202812 (22) 04.05.2021  
(54) System for recognizing and/or determining the volume of bodies or substances made of dielectric and/or conductive material  
(31) 20174239.2 (32) 12.05.20 (33) EP

(71) REGENERON PHARMACEUTICALS, INC.  
(21) 2021202839 (22) 05.05.2021  
(54) HUMAN ANTIBODIES TO EBOLA VIRUS GLYCOPROTEIN  
(62) 2016211783

(71) Rubicon Biotechnology LLC  
(21) 2021202789 (22) 04.05.2021  
(54) Cancer immunotherapeutic  
(62) 2016256876

Ruckh, T.T. see Le Dévédec, F.  
(21) 2021202965

(71) Rytrans Manufacturing Pty Ltd  
(21) 2021202960 (22) 10.05.2021  
(54) Guardrail system for vehicles

(71) S.C. Johnson & Son, Inc.  
(21) 2021202889 (22) 06.05.2021  
(54) Methods and apparatus to facilitate plastic film processing  
(62) 2019284104

(71) SAMSUNG ELECTRONICS CO., LTD.  
(21) 2021202980 (22) 11.05.2021  
(54) Electronic device with metal frame antenna  
(62) 2019226254

(71) SECURE WALLET TECHNOLOGY PTY LTD  
(21) 2021202689 (22) 29.04.2021  
(54) SYSTEMS AND METHODS FOR THE DELIVERY OF DIGITAL RECEIPTS TO SHOPPERS AND ANONYMOUSLY IDENTIFYING SHOPPERS AND PROVIDING ANONYMOUS INSIGHTS ABOUT SHOPPERS TO MERCHANT POINT-OF-SALE SYSTEMS VIA SHOPPERS' PAYMENT CARD ISSUERS BY POST-PURCHASE TRANSACTION MATCH-

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ING WITHOUT THE NEED TO ACQUIRE SHOPPERS' CONSENT AT THE COUNTER WHILE REMAINING COMPLIANT TO PRIVACY LEGISLATIONS

(71) Server Technology, Inc  
(21) 2021202788 (22) 04.05.2021  
(54) High Outlet Density Power Distribution Unit  
(62) 2018264106

(71) Shabaz, N.  
(21) 2021202774 (22) 03.05.2021  
(54) The Gift Vault

(71) Sharkninja Operating LLC  
(21) 2021202946 (22) 10.05.2021  
(54) AGITATOR WITH DEBRIDER AND HAIR REMOVAL  
(62) 2018230518

(71) Snap-on Incorporated  
(21) 2021202775 (22) 03.05.2021  
(54) SOCKET DRIVE IMPROVEMENT  
(62) 2019240548

(71) Société des Produits Nestlé S.A.  
(21) 2021202748 (22) 03.05.2021  
(54) Composition in powder form comprising iron-milk protein complexes and probiotic bacteria  
(62) 2017377774

(71) Sonos, Inc.  
(21) 2021202786 (22) 04.05.2021  
(54) Voice control of a media playback system  
(62) 2019202257

(71) So Spark Ltd.  
(21) 2021202779 (22) 04.05.2021  
(54) Rapid high-pressure microwave thermal decomposition system, capsule and method for using same  
(62) 2019203140

**Stevens, D.M. see Le Dévédec, F.**  
(21) 2021202965

(71) Technological Resources Pty. Limited  
(21) 2021202770 (22) 03.05.2021  
(54) Impact Detection System  
(62) 2016293384

(71) Technology Connections International Pty Ltd  
(21) 2021202906 (22) 07.05.2021  
(54) VIBRATO ARM AND SYSTEM  
(62) 2016236832

(71) Telefonaktiebolaget LM Ericsson (publ)  
(21) 2021202978 (22) 11.05.2021  
(54) Radio receiver, method and computer program  
(62) 2017404169

(71) Teva Branded Pharmaceutical Products R&D, Inc.  
(21) 2021202784 (22) 04.05.2021  
(54) Dry powder inhaler comprising fluticasone propionate and salmeterol xinafoat  
(62) 2016209363

(71) The Board of Trustees of the University of Illinois  
(21) 2021202949 (22) 10.05.2021  
(54) Scalable synthesis of reduced toxicity derivative of amphotericin B  
(62) 2015331904

(71) The Boeing Company  
(21) 2021202806 (22) 04.05.2021  
(54) Optical impedance modulation for fuel quantity measurement  
(62) 2015230862

(71) The Boeing Company  
(21) 2021202808 (22) 04.05.2021  
(54) Methods and systems for curing composites and associated microcrack-resistant composites  
(31) 63/037,062 (32) 10.06.20 (33) US

(71) The Boeing Company  
(21) 2021202851 (22) 05.05.2021  
(54) Flexible truss systems and methods of transferring flexible composite parts using such systems  
(31) 16/900,434 (32) 12.06.20 (33) US

(71) The Coca-Cola Company; PureCircle Sdn Bhd  
(21) 2021202897 (22) 07.05.2021  
(54) Steviol glycoside sweeteners with improved flavor profiles  
(62) 2016329208

(71) The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services  
(21) 2021202950 (22) 10.05.2021  
(54) Development of dengue virus vaccine components  
(62) 2018260848

(71) TNBT Holdings Pty Limited  
(21) 2021202970 (22) 10.05.2021  
(54) A Lock Element for a Lock Cylinder  
(62) 2019204960

**Tufts Medical Center, Inc. see Janssen Biotech, Inc.**  
(21) 2021202895

(71) UBE Industries, Ltd.  
(21) 2021202810 (22) 04.05.2021  
(54) Cell preparation method, cell cultivation device, and kit  
(62) 2017303596

(71) Uber Technologies, Inc.  
(21) 2021202867 (22) 06.05.2021  
(54) Displaying visible points of interest with a navigation system  
(62) 2018300280

(71) Unigen, Inc.  
(21) 2021202804 (22) 04.05.2021  
(54) Series of skin-whitening (lightening) compounds  
(62) 2019232820

(71) Universiteit Gent; VIB VZW; Vrije Universiteit Brussel  
(21) 2021202866 (22) 06.05.2021  
(54) MUSCLE-SPECIFIC NUCLEIC ACID REGULATORY ELEMENTS AND METHODS AND USE THEREOF  
(62) 2015208247

**Universite Polytechnique Hauts-de-France see ALSTOM Transport Technologies**  
(21) 2021202831

**University of Kansas see ConocoPhillips Company**  
(21) 2021202819

(71) VAIL SYSTEMS, INC.  
(21) 2021202904 (22) 07.05.2021  
(54) A DATA MANAGEMENT SYSTEM USING ATTRIBUTED DATA SLICES  
(31) 63/025,493 (32) 15.05.20 (33) US

(71) Valmet Technologies Oy  
(21) 2021202830 (22) 05.05.2021  
(54) LEAF FILTER BAG  
(31) 20205502 (32) 19.05.20 (33) FI

(71) Vanda Pharmaceuticals Inc.  
(21) 2021202956 (22) 10.05.2021  
(54) Method of treatment with tradipitant  
(62) 2016226006

(71) ViaCyte, Inc.  
(21) 2021202899 (22) 07.05.2021  
(54) ENDOCRINE PRECURSOR CELLS, PANCREATIC HORMONE-EXPRESS-

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ING CELLS AND METHODS OF PRO-  
DUCTION  
(62) 2018247274

(71) Zymeworks Inc.  
(21) 2021202963 (22) 10.05.2021  
(54) Modified antigen binding polypeptide  
constructs and uses thereof  
(62) 2015265457

(71) ViaCyte, Inc.  
(21) 2021202943 (22) 10.05.2021  
(54) IN VITRO DIFFERENTIATION OF  
PLURIPOTENT STEM CELLS TO  
PANCREATIC ENDODERM CELLS  
(PEC) AND ENDOCRINE CELLS  
(62) 2019264658

VIB VZW see Universiteit Gent  
(21) 2021202866

Vrije Universiteit Brussel see Universiteit  
Gent  
(21) 2021202866

(71) Welch Allyn, Inc.  
(21) 2021202900 (22) 07.05.2021  
(54) Systems and methods for configuring  
an optical light path  
(31) 63/022992 (32) 11.05.20 (33) US

(71) Werner Co.  
(21) 2021202818 (22) 04.05.2021  
(54) ASSEMBLY, PLANK ADAPTER FOR A  
WORK STAND AND METHOD  
(62) 2019200450

(71) Wilson Wolf Manufacturing Corporation  
(21) 2021202948 (22) 10.05.2021  
(54) Improved culture methods and devices  
for testing  
(62) 2016261504

(71) XENOHELIX CO., LTD  
(21) 2021202823 (22) 04.05.2021  
(54) A METHOD OF DETECTING SMALL  
RNA  
(31) 10-2020-0055429 (32) 08.05.20 (33) KR

(71) Yuan-Mei Corp.  
(21) 2021202771 (22) 03.05.2021  
(54) Sprayer For Mixed Solution and Clear  
Water  
(31) 110109555 (32) 17.03.21 (33) TW

(71) Yuan-Mei Corp.  
(21) 2021202772 (22) 03.05.2021  
(54) Sprayer Able to Adjust Flow of Mixed  
Solution and Clear Water  
(31) 110109556 (32) 17.03.21 (33) TW

(71) zheng, m.  
(21) 2021202769 (22) 03.05.2021  
(54) useful waterproof purse/wallet

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2021202758	ModernaTX, Inc.	2021202831	ALSTOM Transport Technologies; Universite Polytechnique Hauts-de-France; Centre National de la Recherche Scientifique
2021202759	Nuritas Limited	2021202832	MARA RENEWABLES CORPORATION
2021202760	Jeld-Wen, Inc.	2021202833	Marantec Antriebs- und Steuerungstechnik GmbH & Co. KG
2021202761	Nunhems B.V.	2021202834	Apple Inc.
2021202763	Nunhems B.V.	2021202835	Prysmian S.p.A.
2021202765	Buckman Laboratories International, Inc	2021202836	Apple Inc.
2021202766	Circulogene Theranostics, LLC	2021202837	Clawson, J.
2021202767	Ascendis Pharma A/S	2021202838	LG Electronics Inc.
2021202768	Butterfly Network, Inc.	2021202839	REGENERON PHARMACEUTICALS, INC.
2021202769	zheng, m.	2021202840	Alector LLC
2021202770	Technological Resources Pty. Limited	2021202841	Canon Kabushiki Kaisha
2021202771	Yuan-Mei Corp.	2021202842	Gradidge, R.C.
2021202772	Yuan-Mei Corp.	2021202844	Intuit Inc.
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2021202785	Humantics Corporation	2021202861	Aristocrat Technologies, Inc.
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2021202806	The Boeing Company	2021202882	Cahejo Pty Ltd
2021202807	Intuit Inc.	2021202883	Cahejo Pty Ltd
2021202808	The Boeing Company	2021202884	Avellino Lab USA, Inc.
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**2021202906** Technology Connections International Pty Ltd  
**2021202907** Haruta, P.; Haruta, C.; Haruta, K.  
**2021202908** PerkinElmer Health Sciences, Inc.  
**2021202909** ADVAGENE BIOPHARMA CO., LTD.  
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**2021202913** Caribou Biosciences, Inc.  
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**2021202929** Geberit International AG  
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**2021202944** Arbutus Biopharma Corporation  
**2021202945** Oppilan Pharma Ltd.  
**2021202946** Sharkninja Operating LLC  
**2021202947** ABB Schweiz AG  
**2021202948** Wilson Wolf Manufacturing Corporation  
**2021202949** The Board of Trustees of the University of Illinois  
**2021202950** The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services  
**2021202951** Aders, A.  
**2021202952** Hakim, C.A.; Hakim, J.M.  
**2021202953** Cearna, Inc.  
**2021202954** AbbVie Inc.  
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**2021202963** Zymeworks Inc.  
**2021202964** Acer Incorporated  
**2021202965** Le Dévédec, F.; Allen, C.J.; Stevens, D.M.; Rager-Aguiar, D.J.; Ruckh, T.T.; Elmquist, C.E.  
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**2021202967** Emory University  
**2021202968** NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY; FURUKAWA ELECTRIC CO., LTD.  
**2021202970** TNBT Holdings Pty Limited  
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**2021202976** FUJIAN XIHE SANITARY WARE TECHNOLOGY CO., LTD.  
**2021202978** Telefonaktiebolaget LM Ericsson (publ)  
**2021202979** Acres Technology  
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**2021202981** Google LLC  
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Applications listed below were processed through the Patent Office Canberra during the period ending 11 May 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>., <b>S. see Kumar N S, H.</b> (21) 2021102416</p>	<p><b>Ahlawat, N. see Kumar Jain, J.</b> (21) 2021102409</p>	<p><b>Anilkumar, B.S. see Benal, M.M.</b> (21) 2021102375</p>
<p>., <b>K. see Vyas, A.</b> (21) 2021102426</p>	<p><b>Ahmad, S. see Jaiswal, T.</b> (21) 2021102309</p>	<p><b>ANUREKHA, R. see SENGOTTUVELAN, P.</b> (21) 2021102413</p>
<p>(71) 4Tek Pty Ltd (21) 2021102368 (22) 05.05.2021 (54) A Sensor Device for Vehicles (31) 2021900141 (32) 22.01.21 (33) AU</p>	<p><b>Ahmad, N. see Alam, S.</b> (21) 2021102329</p>	<p>(71) Apple Inc. (21) 2021102471 (22) 11.05.2021 (54) System, method and user interface for supporting scheduled mode changes on electronic devices (31) 16/948374 (32) 15.09.20 (33) US 63/023214 11.05.20 US</p>
<p><b>A, R. see Gupta, A.K.</b> (21) 2021102372</p>	<p>(71) Ahmed, S.; Joshi, N.; Katyayan, P. (21) 2021102373 (22) 06.05.2021 (54) Arabic to Hindi Machine Translation Using English as Pivot Language</p>	<p>(71) Applied Electric Vehicles Pty Ltd (21) 2021102453 (22) 11.05.2021 (54) VEHICLE MULTI-DOOR SYSTEM (31) 2020901534 (32) 13.05.20 (33) AU</p>
<p><b>A, S. see Benal, M.M.</b> (21) 2021102375</p>	<p>(71) Alam, S.; Shuaib, M.; Ahmad, N.; Al-hameed, M.; Jeribi, F. (21) 2021102329 (22) 03.05.2021 (54) A SYSTEM AND METHOD FOR IOT BASED EARLY DIABETES DETECTION</p>	<p><b>Arulkumar, V. see Rajathi, G.I.</b> (21) 2021102408</p>
<p><b>A., A. see Guttula, R.</b> (21) 2021102440</p>	<p>(71) AL-Asadi, H.A.A. (21) 2021102447 (22) 10.05.2021 (54) AN ARTIFICIAL INTELLIGENCE ROBOTIC BASED SYSTEM IN AGRICULTURE FOR OPTIMIZATION OF IRRIGATION</p>	<p><b>Ateeq, K. see Acharya, B.</b> (21) 2021102407</p>
<p><b>Aamri, A.M.S.A. see Hussain, M.I.</b> (21) 2021102374</p>	<p><b>Alhameed, M. see Alam, S.</b> (21) 2021102329</p>	<p><b>B.S, P. see Balakrishna, R.</b> (21) 2021102421</p>
<p>(71) Abraham Kurien, R.; Biju, A.; K Raj, A.; Chacko, A.; Joseph, B.; Preno Koshy, C. (21) 2021102369 (22) 05.05.2021 (54) DUCK FEATHER FIBER BASED HYBRID SANDWICH COMPOSITE LAMINATE WITH EPOXY RESIN AS MATRIX</p>	<p><b>ANAND, M. see Moyal, V.</b> (21) 2021102346</p>	<p><b>Babu, U.R. see Narasimhulu, C.V.</b> (21) 2021102424</p>
<p><b>Acharya, B. see Nanda, I.</b> (21) 2021102365</p>	<p><b>Anandh, K. see Rajathi, G.I.</b> (21) 2021102408</p>	<p><b>Babu, U.R. see Vyas, A.</b> (21) 2021102426</p>
<p>(71) Acharya, B.; Pradhan, A.; Ateeq, K.; Mohapatra, A.; Das, P.; Jamader, A.R.; Sahoo, S.; Pani, S.R.; Biswal, T. (21) 2021102407 (22) 07.05.2021 (54) PORTABLE APPARATUS FOR UNDERGROUND CABLE FAULT DETECTION</p>	<p><b>Angang Steel Co., Ltd see Anhui University of Technology</b> (21) 2021102360</p>	<p>(71) Balakrishna, R.; Patil, S.; K S, R.; Manoj, S.; G, M.; B.S, P.; Parameshwaraiah, D.; Prasad, S.; Neeli, J.; Cauvery, N.K.; Vijayanand, S. (21) 2021102421 (22) 09.05.2021 (54) Multiple Company Mobile Number Integrate in Single SIM</p>
<p>(71) Acharya, B.; Makkar, S.; Dhingra, D.; Sharma, T.; Dash, S.; Sabata, S.; Imam, H.; Das, P.; Jamader, A.R. (21) 2021102446 (22) 10.05.2021 (54) APPARATUS FOR THEFT DETECTION &amp; REAL-TIME PREDICTION OF ENERGY METER WITH DISCONNECTION PROCESS USING IOT</p>	<p>(71) Anhui University of Technology; Angang Steel Co., Ltd (21) 2021102360 (22) 05.05.2021 (54) Autonomous-learning high silicon steel soft magnetic composite iron core intelligent production system and production method (31) 2021103241688 (32) 26.03.21 (33) CN</p>	<p><b>Balakrishnan, S. see Rajathi, G.I.</b> (21) 2021102408</p>
		<p><b>Banerjee, B.P. see jha, A.</b> (21) 2021102427</p>
		<p><b>BARANIDHARAN, T. see SENGOTTUVELAN, P.</b> (21) 2021102413</p>

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(71) Bashir, A.  
(21) 2021102345 (22) 03.05.2021  
(54) An IoT based Real-Time crop spray drift event detection for AgriTech applications

**B DEVARU, S.D. see Shripat Mane, D.**  
(21) 2021102370

**Behera, B. see Pathak, R.K.**  
(21) 2021102425

(71) Beijing Jiaotong University  
(21) 2021102383 (22) 06.05.2021  
(54) Excrement negative-pressure evaporation drying equipment

(71) Beijing Jiaotong University  
(21) 2021102384 (22) 06.05.2021  
(54) Integrated system for denitrification and energy self-sufficiency of wastewater with high carbon-to-nitrogen ratio

(71) Beijing NATON Technology Group Co., Ltd; XIAMEN UNIVERSITY  
(21) 2021102400 (22) 07.05.2021  
(54) METHOD FOR PREPARING A STRONTIUM-DOPED CALCIUM-PHOSPHORUS COMPOUND FILM WITH A NANO-ORDERED STRUCTURE

(71) BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING  
(21) 2021102432 (22) 10.05.2021  
(54) ESTIMATION METHOD AND APPARATUS FOR HEAVY METAL CONTENT OF SOIL

(71) Benal, M.M.; S, S.; S, R.; T R, R.; Panda, K.C.; M, N.K.; A, S.; K N, M.; Kumaraswamy, H.S.; Anilkumar, B.S.; C N, A.; V G, B.  
(21) 2021102375 (22) 06.05.2021  
(54) DESIGN AND DEVELOPMENT OF SUPPORT LESS 3D PRINTING SYSTEM USING FDM TECHNOLOGY

**Bhadane, J.R. see Rane, C.G.**  
(21) 2021102350

**Bhalerao, R.S. see Vyas, A.**  
(21) 2021102426

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(21) 2021102420

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(21) 2021102449

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(21) 2021102425

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(21) 2021102346

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(21) 2021102350

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(21) 2021102427

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(21) 2021102309

**Biju, A. see Abraham Kurien, R.**  
(21) 2021102369

**BINDU, H. see Kumar Panda, S.**  
(21) 2021102355

(71) Binzhou Medical University  
(21) 2021102437 (22) 10.05.2021  
(54) Herbal Compositions for Treatment of Menopausal Syndrome in Women and Their Uses

**Biswal, T. see Acharya, B.**  
(21) 2021102407

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(21) 2021102390

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(21) 2021102390

**Budda, J.K. see V, T.K.G.**  
(21) 2021102330

(71) Byrnes, R.  
(21) 2021102348 (22) 04.05.2021  
(54) IP-SB-EVTS-INP2021:: Solar Bond Transition Subsidy(SBTS) and Electric Vehicle Transition Subsidy(EVTS)- Provision of legal contracts in the form of a bond (or mortgage) for the supply of

solar systems, batteries, and electric vehicles.

**Cauvery, N.K. see Balakrishna, R.**  
(21) 2021102421

(71) Central South University  
(21) 2021102462 (22) 11.05.2021  
(54) ALKALINE AQUEOUS ELECTROLYTE FOR ALUMINUM-AIR BATTERY AND APPLICATION THEREOF

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(21) 2021102419

(71) Changsha University of Science and Technology  
(21) 2021102393 (22) 07.05.2021  
(54) Surface Zirconizing Method for Improving Surface Hardness and Wear Resistance of Titanium Alloy

(71) CHANG'AN UNIVERSITY  
(21) 2021102385 (22) 06.05.2021  
(54) A Calculation Method for Effective Electrical Parameters of Layered Medium Based on An Iterative Debye Model

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(71) Chawda, D.R.; Khare, A.; Choubey, N.S.; Lonare, A.R.; Chhabra, M.; Chansoriya, M.; Tripathi, A.O.; Mandaogade, P.N.; Tiwari, A.V.

(21) 2021102344 (22) 03.05.2021  
(54) METHOD FOR DEVELOPING A STRATEGIC CUSTOMER-VALUE-DRIVEN PLAN TO CREATE HIGH GROWTH BUSINESS OPPORTUNITIES

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(21) 2021102449

(71) Chinese Academy of Geological Sciences

(21) 2021102380 (22) 06.05.2021  
(54) Intelligent Mineral Identification Method and System  
(31) 202110423576.9 (32) 20.04.21 (33) CN

(71) Chinese Academy of Surveying & Mapping

(21) 2021102429 (22) 10.05.2021  
(54) METHOD FOR SELECTING ROADS IN A SMALL-MESH ACCUMULATION AREA  
(31) 202010939435.8 (32) 09.09.20 (33) CN

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(21) 2021102464

(71) D., A.; S., M.; D, S.G.L.; K, S.; S, V.P.  
(21) 2021102464 (22) 11.05.2021

(54) A Novel Approach- Braillo-Phone Integrated Communication Software for Visually Challenged and Hearing Impaired

(71) Dagwar, A.R.  
(21) 2021102415 (22) 08.05.2021

(54) A SYSTEM FOR FILTRATION OF POLLUTANTS AND A METHOD THEREOF

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(21) 2021102422

(71) Dragon Bay Group Pty Ltd  
(21) 2021102386 (22) 06.05.2021  
(54) Systems and methods for data filtering

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(21) 2021102422

(71) Earthtrack Group Pty Ltd  
(21) 2021102377 (22) 06.05.2021  
(54) Support Base

(71) Elanco Australasia Pty Limited  
(21) 2021102381 (22) 06.05.2021  
(54) Method of Controlling Parasites  
(31) 2020901456 (32) 07.05.20 (33) AU

(71) Elanco Australasia Pty Limited  
(21) 2021102382 (22) 06.05.2021  
(54) Method of Controlling Parasites  
(31) 2020901456 (32) 07.05.20 (33) AU

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(21) 2021102408

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(21) 2021102406

(71) Facaris, M.  
(21) 2021102356 (22) 04.05.2021  
(54) A TARGET APPARATUS FOR USE AS A CENTRALISED TARGET IN A BI DIRECTIONAL SPORTS GAME  
(31) 2020901529 (32) 12.05.20 (33) AU

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(21) 2021102436 (22) 10.05.2021  
(54) A internal tension-relieving braiding device augment cruciate ligament reconstruction

(71) Foshan Cnlight Technology Co., Ltd.  
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(71) Ghorpade, N.; Sudhir Bale, A.; Tiwari, S.; Ranga, S.; Singh, S.; S., V.; Tripathi, A.; Dixit, A.; Choudhari, V.A.; Shubham, K.; Mohan M. S., K.  
(21) 2021102450 (22) 10.05.2021  
(54) METHODOLOGY TO DETECT CRIME USING COMPUTER VISION AND DEEP LEARNING FOR SAFER NATION

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(21) 2021102365

**Gugulothu, S.K. see Sastry, G.R.**  
(21) 2021102418

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(21) 2021102391

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(21) 2021102339

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(21) 2021102339

(71) Gupta, M.; Gupta, P.; Gulati, P.; Mittal, S.; Gupta, S.  
(21) 2021102339 (22) 03.05.2021  
(54) INTEGRATED PARKING MANAGEMENT SYSTEM

**Gupta, R. see Kumar Panda, S.**  
(21) 2021102355

(71) Gupta, A.K.; Singh, A.; Singh, G.; Tiwari, G.; A, R.; Tiwari, R.  
(21) 2021102372 (22) 06.05.2021  
(54) AN ANTHELMINTIC METHOD FOR SCREENING HELMINTHIASIS USING EISENIA FETIDA

**Gupta, T. see Hussain, M.I.**  
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**(54)** A kind of high-altitude balloon with phase change adjustment airbag
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**(21)** 2021102303 **(22)** 30.04.2021  
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**(21)** 2021102392 **(22)** 07.05.2021  
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(71) Tarim University  
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(54) OVERALL LABORATORY SAFETY ALARM SYSTEM

(71) The Second Xiangya Hospital of Central South University, Changsha, Hunan, China  
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**(21)** 2021102399 **(22)** 07.05.2021

**(54)** BERBERINE/MINERALIZED COLLAGEN-BASED COMPOSITE MEMBRANE AND PREPARATION METHOD AND APPLICATION THEREOF

**(31)** 202011317356. X **(32)** 23.11.20 **(33)** CN

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**(71)** Wenzhou-Kean University  
**(21)** 2021102398 **(22)** 07.05.2021

**(54)** A Combination Drug of Human Interferon-ε and Interferon-γ

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**(71)** West China Hospital, Sichuan University  
**(21)** 2021102332 **(22)** 03.05.2021

**(54)** DEVICE FOR TESTING COGNITIVE ABILITY OF TUPAIA BELANGERI

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**(71)** Wuhan University  
**(21)** 2021102442 **(22)** 10.05.2021

**(54)** METHOD FOR REINFORCING COLUMN WITH A SLEEVED EXTERNALLY THIN-WALLED STEEL TUBE AND SELF-COMPACTING CONCRETE

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**XIAMEN UNIVERSITY see Beijing NATON Technology Group Co., Ltd**  
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**(71)** Xiangtan University  
**(21)** 2021102459 **(22)** 11.05.2021

**(54)** OBSERVABLE MICRO-NANO MECHANICAL TESTING APPARATUS AND METHOD

**(31)** 202011586567.3 **(32)** 29.12.20 **(33)** CN

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**(71)** Yan'an Hospital of Kunming City  
**(21)** 2021102402 **(22)** 07.05.2021

**(54)** IMPROVED DENTAL CURET FOR DEPARTMENT OF STOMATOLOGY

**(31)** 202010556240.5 **(32)** 17.06.20 **(33)** CN

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**(71)** Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences

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**(54)** Detection Method of Inorganic Lead Ions in Marine Shellfish by HPLC-ICP-MS Technique

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**Yuan, X. see Li, Z.**  
**(21)** 2021102434

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**(71)** Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)

**(21)** 2021102470 **(22)** 11.05.2021

**(54)** DROUGHT AND HIGH-SALT RESISTANT PROMOTER OF PAEONIA SUFFRUTICOSA PSDREB1 GENE AND EXPRESSION AND USE THEREOF

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<b>2021102334</b>	Kunming University of Science and Technology	<b>2021102378</b>	Shanghai University
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<b>2021102342</b>	Swamy Vyshnava, S.	<b>2021102382</b>	Elanco Australasia Pty Limited
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<b>2021102344</b>	Chawda, D.R.; Khare, A.; Choubey, N.S.; Lonare, A.R.; Chhabra, M.; Chansoriya, M.; Tripathi, A.O.; Mandaogade, P.N.; Tiwari, A.V.	<b>2021102384</b>	Beijing Jiaotong University
<b>2021102345</b>	Bashir, A.	<b>2021102385</b>	CHANG'AN UNIVERSITY
<b>2021102346</b>	Moyal, V.; Dhiman, G.; Mane, D.S.; Koshariya, A.K.; RAO, S.; SHELKE, N.A.; Jain, S.K.; ANAND, M.; Pallathadka, H.; Bhattacharya, S.; Shrivastava, A.	<b>2021102386</b>	Dragon Bay Group Pty Ltd
<b>2021102347</b>	Liftroller AS	<b>2021102387</b>	Hangzhou Vocational & Technical College
<b>2021102348</b>	Byrnes, R.	<b>2021102388</b>	Tarim University
<b>2021102349</b>	Tobacco Research Institute of Chinese Academy of Agricultural Sciences	<b>2021102389</b>	Hebei Engineering University
<b>2021102350</b>	Rane, C.G.; Seenivasan, R.K.; Bhau, G.V.; Tope, D.R.; Ragavan, D.; Bhadane, J.R.; Ghode, R.B.; Mali, M.G.; Muthaleswari, M.; Girija, A.	<b>2021102390</b>	Raut, R.; Jadhav, A.; Patil, S.; Jadhav, S.; Thorat, M.; Borole, Y.; Borkar, P.
<b>2021102351</b>	kreutzmann, n.	<b>2021102391</b>	Institute of Biology, Guizhou Academy of Sciences; Guizhou Academy of Testing and Analysis, Guizhou Academy of Sciences
<b>2021102352</b>	Northwest A&F University	<b>2021102392</b>	Sichuan Agricultural University
<b>2021102353</b>	Techronic Cordless GP	<b>2021102393</b>	Changsha University of Science and Technology
<b>2021102354</b>	Syngen Biotech Co., Ltd.	<b>2021102394</b>	MONEYCATCHA PTY. LTD.
<b>2021102355</b>	Kumar Panda, S.; Rakshit, P.; Shankar Pati, S.; Parjia, S.; Kumar, P.; BINDU, H.; Gupta, R.; Mahejabin Dildar, S.; Sharma, N.; Priye, A.; Prasad Mishra, B.; Bhattacharjee, S.; Chandra Panda, R.	<b>2021102396</b>	Sichuan University of Science & Engineering
<b>2021102356</b>	Facaris, M.	<b>2021102397</b>	Hohai University
<b>2021102357</b>	Nextgenic Pty Ltd	<b>2021102398</b>	Wenzhou-Kean University
<b>2021102358</b>	Laser Institute, Shandong Academy of Sciences	<b>2021102399</b>	WEIFANG MEDICAL UNIVERSITY
<b>2021102359</b>	Zhongda Testing (Hunan) Co., Ltd.	<b>2021102400</b>	Beijing NATON Technology Group Co., Ltd; XIAMEN UNIVERSITY
<b>2021102360</b>	Anhui University of Technology; Angang Steel Co., Ltd	<b>2021102401</b>	Nanjing Sealand Medical Instrument Co., Ltd
<b>2021102361</b>	SERPENT & DOVE - APPLIED MAGNETICS PTY. LIMITED	<b>2021102402</b>	Yan'an Hospital of Kunming City
<b>2021102362</b>	Tianjin Niusai Biotechnology Co., Ltd.	<b>2021102403</b>	Foshan Cnlight Technology Co., Ltd.
<b>2021102363</b>	Institute of Animal Health, Guangdong Academy of Agricultural Sciences; Zhengzhou Zhongdao Biotechnology, Co. LTD	<b>2021102404</b>	NUVOE PTY LTD
<b>2021102364</b>	Institute of Animal Health, Guangdong Academy of Agricultural Sciences	<b>2021102405</b>	PLANET ACOUSTICS AND ARCHITECTURE PTY. LTD.
<b>2021102365</b>	Nanda, I.; Kumar M., D.; Govindarajo, N.S.; Dikshit, S.K.; Das, P.; Jamader, A.R.; Acharya, B.	<b>2021102406</b>	Tianjin Research Institute for Water Transport Engineering, M.O.T.; Environmental Technology Development of TIWTE (Tian Jin) Co.,Ltd.
		<b>2021102407</b>	Acharya, B.; Pradhan, A.; Ateeq, K.; Mohapatra, A.; Das, P.; Jamader, A.R.; Sahoo, S.; Pani, S.R.; Biswal, T.
		<b>2021102408</b>	Rajathi, G.I.; Elton, R.J.; T., A.; T, R.; Anandh, K.; Prasanna, K.; Lakshmi, S.V.; R, A.; Ratnakumar, A.; Balakrishnan, S.; Arulkumar, V.
		<b>2021102409</b>	Kumar Jain, J.; Shrivastava, A.; Shripat Mane, D.; Venkatesan, M.; Sreenivasu, S.V.N.; Ahlawat, N.; Kulkarni, H.R.; Pallathadka, H.; Chauhan, D.; Jhapate, M.; Shrivastava, A.
		<b>2021102410</b>	QINGDAO AGRICULTURAL UNIVERSITY
		<b>2021102412</b>	Manipal University Jaipur

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<b>2021102413</b>	SENGOTTUVELAN, P.; KARTHIK, S.; VIDYA RAJ, C.; SANGEETHA, M.; KAVITHA, M.; ANUREKHA, R.; SUMATHI, T.; CHRISTOPHER PAUL, A.; BHANU, D.; BARANIDHARAN, T.; PERIYAKARUPPAN, K.; SRIHARI, K.	<b>2021102437</b>	Binzhou Medical University
<b>2021102414</b>	REDDY, R.; REDDY CHINTAM, B.B.; NAGASAI TEJA, M.V.; SUMANTH, M.; SIDDHARDHA REDDY, L.R.S.; KUMAR U M, A.; PASHA, A.; LOVESUM S P, J.; THOTA, S.; G, S.	<b>2021102438</b>	Hezhou University
<b>2021102415</b>	Dagwar, A.R.	<b>2021102439</b>	Lingnan Normal University
<b>2021102416</b>	Kumar N S, H.; Choudhary, R.P.; Murthy, C.S.N.; Chand. R, P.; ., S.; P John, R.	<b>2021102440</b>	Guttula, R.; P.T., K.; Sattaru, N.C.; K.R, I.; Ganesan, M.; Sethy, A.; A., A.; John, P.; Mondal, S.; T., S.
<b>2021102417</b>	Padmavathi, G.; Siva Kumar, P.V.	<b>2021102441</b>	Sichuan Surveying and Mapping Product Quality Supervision and Inspection Station of the Ministry of Natural Resources (Sichuan Surveying and Mapping Product Quality Supervision and Inspection Station)
<b>2021102418</b>	Sastry, G.R.; Panda, J.K.; Gugulothu, S.K.	<b>2021102442</b>	Wuhan University
<b>2021102419</b>	Kumar, U.; Chandra Pandey, S.; Kumar, N.	<b>2021102443</b>	Vbreathe Pty Ltd
<b>2021102420</b>	Pallathadka, H.; Shibe, K.S.; Mane, D.S.; Kulkarni, A.; Matharu, H.; SHIRMILA, T.; Patil, H.; BHANAGE, P.S.; Chauhan, H.; REDDY, G.D.	<b>2021102446</b>	Acharya, B.; Makkar, S.; Dhingra, D.; Sharma, T.; Dash, S.; Sabata, S.; Imam, H.; Das, P.; Jamader, A.R.
<b>2021102421</b>	Balakrishna, R.; Patil, S.; K S, R.; Manoj, S.; G, M.; B.S, P.; Parameshwaraiiah, D.; Prasad, S.; Neeli, J.; Cauvery, N.K.; Vijayanand, S.	<b>2021102447</b>	AL-Asadi, H.A.A.
<b>2021102422</b>	Kalhotra, S.K.; Sora, M.; Kumar, S.; Dugyala, R.; Doss, S.; Singh, S.; Prince, M.C.D.; Mamoria, P.; Shakya, R.K.; Mohana, R.M.	<b>2021102448</b>	Rahmani, M.K.I.; Nafis, M.T.; Muzaffar, A.W.; Khan, S.; Tahir, M.
<b>2021102423</b>	Waghulde, K.B.; Patil, A.A.; Deshmukh, M.; Chaudhary, A.S.; Patil, S.A.; Patil, T.M.; Chordiya, S.B.; Sarkar, B.K.	<b>2021102449</b>	Shrivastava, A.; Shripat Mane, D.; Bhatt, D.; Sai Krishna, T.V.; Shukla, V.; Chidananda Singh, N.; Chouhan, K.; Rajkumar, M.; Suresh Patil, H.; Kiran Naik, B.; Pallathadka, H.; Shrivastava, A.; Gupta, M.
<b>2021102424</b>	Narasimhulu, C.V.; Jabirullah, M.; Babu, U.R.; Verma, S.; Kavita, D.; Dash, S.; Kavitha, S.; Chaudhary, S.K.; Rani, D.U.; Singh, L.	<b>2021102450</b>	Ghorpade, N.; Sudhir Bale, A.; Tiwari, S.; Ranga, S.; Singh, S.; S., V.; Tripathi, A.; Dixit, A.; Choudhari, V.A.; Shubham, K.; Mohan M. S., K.
<b>2021102425</b>	Pathak, R.K.; Rajak, S.; Shrivastava, S.K.; Mishra, D.K.; Pokhrel, K.; Husain, A.; Bhattacharjee, D.; Rai, P.; Khedkar, C.E.; Pradhan, D.; Behera, B.; Samantaray, A.	<b>2021102451</b>	Jiangxi Agricultural University
<b>2021102426</b>	Vyas, A.; Lalitha, M.P.; Babu, U.R.; Bhalerao, R.S.; ., K.; Verma, S.; Dash, S.; Choudhury, N.B.D.; Tiwari, M.; Thakkar, R.R.	<b>2021102452</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
<b>2021102427</b>	Jha, A.; Jha, S.; Banerjee, B.P.; Jha, A.; Bhoi, A.; Saha, S.K.; Mukherjee, S.	<b>2021102453</b>	Applied Electric Vehicles Pty Ltd
<b>2021102428</b>	ShanDong University of Science and Technology	<b>2021102454</b>	Heilongjiang Bayi Agricultural University
<b>2021102429</b>	Chinese Academy of Surveying & Mapping	<b>2021102455</b>	Qingdao Agricultural University
<b>2021102430</b>	The Second Xiangya Hospital of Central South University, Changsha, Hunan, China	<b>2021102456</b>	Qingdao Agricultural University
<b>2021102431</b>	Jiangxi Agricultural University	<b>2021102457</b>	Jiangxi Agricultural University
<b>2021102432</b>	BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING	<b>2021102458</b>	Haidu College · Qingdao Agricultural University
<b>2021102433</b>	Nanjing Agricultural University	<b>2021102459</b>	Xiangtan University
<b>2021102434</b>	Li, Z.; Yuan, X.	<b>2021102460</b>	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment
<b>2021102435</b>	Henan University of Technology	<b>2021102461</b>	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment
<b>2021102436</b>	First Affiliated Hospital of Kunming Medical University	<b>2021102462</b>	Central South University
		<b>2021102463</b>	Nanjing Normal University
		<b>2021102464</b>	D., A.; S., M.; D, S.G.L.; K, S.; S, V.P.
		<b>2021102466</b>	Nanjing Zhengxin Medical Technology Co., Ltd.
		<b>2021102468</b>	The Fourth Research and Design Engineering Corporation of China National Nuclear Corporation
		<b>2021102469</b>	InfraBuild Wire Pty Limited
		<b>2021102470</b>	Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)
		<b>2021102471</b>	Apple Inc.

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

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 2013346658 ( 14 ) 2013348300 ( 14 ) 2013364741 ( 14 )  
 2013378208 ( 14 ) 2013395618 ( 14 ) 2013399606 ( 14 )  
 2013400095 ( 14 ) 2013403352 ( 14 ) 2013403353 ( 14 )  
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 2013403958 ( 14 ) 2013404004 ( 14 ) 2013404018 ( 14 )  
 2013404028 ( 14 ) 2013404055 ( 14 ) 2013404078 ( 14 )  
 2013404353 ( 14 ) 2013404555 ( 14 )

**2014**

2014101321 ( 22G ) 2014101323 ( 22E ) 2014240365 ( 14 )  
 2014253577 ( 14 ) 2014256379 ( 14 ) 2014256389 ( 14 )  
 2014256437 ( 14 ) 2014295833 ( 14 ) 2014338820 ( 4C )  
 2014338820 ( 4C ) 2014339461 ( 14 ) 2014339777 ( 14 )  
 2014339969 ( 14 ) 2014341911 ( 14 ) 2014341919 ( 14 )  
 2014341935 ( 14 ) 2014342153 ( 14 ) 2014342341 ( 14 )  
 2014342462 ( 14 ) 2014342567 ( 14 ) 2014342631 ( 14 )  
 2014343223 ( 14 ) 2014343727 ( 14 ) 2014343762 ( 14 )  
 2014343763 ( 14 ) 2014343796 ( 14 ) 2014343875 ( 14 )  
 2014343884 ( 14 ) 2014344803 ( 14 ) 2014347765 ( 14 )  
 2014347766 ( 14 ) 2014347767 ( 14 ) 2014349004 ( 14 )  
 2014349020 ( 14 ) 2014353378 ( 14 ) 2014355161 ( 14 )  
 2014355759 ( 14 ) 2014355764 ( 14 ) 2014357679 ( 14 )  
 2014365665 ( 14 ) 2014370354 ( 14 ) 2014373179 ( 14 )  
 2014384848 ( 14 ) 2014393109 ( 14 ) 2014405613 ( 5C )  
 2014409555 ( 14 ) 2014409559 ( 14 ) 2014410202 ( 14 )  
 2014410285 ( 4C ) 2014410329 ( 14 ) 2014410400 ( 4C )  
 2014410737 ( 5C )

**2015**

2015100331 ( 22 ) 2015100510 ( 22E ) 2015100845 ( 22E )  
 2015101231 ( 22 ) 2015200222 ( 14 ) 2015202371 ( 14 )  
 2015203293 ( 14 ) 2015203294 ( 14 ) 2015203718 ( 14 )  
 2015205821 ( 14 ) 2015215837 ( 14 ) 2015218556 ( 14 )  
 2015221436 ( 14 ) 2015224485 ( 5C ) 2015230862 ( 5C )  
 2015238792 ( 5C ) 2015238853 ( 14 ) 2015249067 ( 14 )  
 2015249068 ( 14 ) 2015249100 ( 4C ) 2015252028 ( 4C )  
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 2015317905 ( 5C ) 2015326904 ( 5C ) 2015327906 ( 5C )  
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 2015338984 ( 4C ) 2015339082 ( 4C ) 2015339196 ( 4C )  
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2015349606 ( 14 ) 2015349653 ( 14 ) 2015350375 ( 14 )  
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**2016**

2016101481 ( 22 ) 2016101864 ( 22E ) 2016102092 ( 22 )  
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 2016217596 ( 5C ) 2016219595 ( 5C ) 2016222378 ( 5C )  
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 2016358821 ( 5C ) 2016364736 ( 5C ) 2016368003 ( 14 )  
 2016382453 ( 14 ) 2016382454 ( 14 ) 2016390142 ( 14 )  
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 2016427895 ( 4B ) 2016428142 ( 4A ) 2016428201 ( 4B )

**2017**

2017100506 ( 22E ) 2017101433 ( 22E ) 2017201040 ( 14 )  
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 2017335581 ( 5C ) 2017343745 ( 5C ) 2017370747 ( 5C )  
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**2018**

2018101604 ( 22E ) 2018101605 ( 22E ) 2018101622 ( 22E )  
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 2018101644 ( 22E ) 2018101827 ( 22E ) 2018200126 ( 5C )  
 2018200332 ( 14 ) 2018200412 ( 14 ) 2018200513 ( 14 )  
 2018203000 ( 4D ) 2018203155 ( 5C ) 2018229519 ( 25D )  
 2018229687 ( 1B ) 2018230738 ( 1B ) 2018232905 ( 5C )  
 2018238110 ( 5C ) 2018241085 ( 4C ) 2018243092 ( 5C )  
 2018247566 ( 5C ) 2018250346 ( 14 ) 2018253621 ( 5C )  
 2018260956 ( 5C ) 2018281743 ( 5C ) 2018353925 ( 5C )

**2019**

2019201114 ( 5C ) 2019201215 ( 5C ) 2019201949 ( 5C )  
 2019202094 ( 5C ) 2019202275 ( 25D ) 2019202374 ( 5C )  
 2019202394 ( 5C ) 2019202729 ( 5C ) 2019203175 ( 5C )  
 2019203421 ( 4C ) 2019203459 ( 4C ) 2019203514 ( 5C )  
 2019203683 ( 5C ) 2019203753 ( 5C ) 2019204061 ( 5C )  
 2019204144 ( 5C ) 2019204156 ( 5C ) 2019204526 ( 5C )  
 2019204632 ( 5C ) 2019204759 ( 4C ) 2019205007 ( 5C )  
 2019208207 ( 5C ) 2019210657 ( 4C ) 2019210659 ( 4C )  
 2019216636 ( 5C ) 2019216682 ( 5C ) 2019216708 ( 5C )  
 2019219759 ( 5C ) 2019219838 ( 4C ) 2019220620 ( 5C )  
 2019229393 ( 5C ) 2019229443 ( 4C ) 2019232903 ( 5C )  
 2019253899 ( 4C ) 2019253899 ( 4C )

**2020**

2020100626 ( 22E ) 2020200295 ( 12CN ) 2020200840 ( 4C )  
 2020202258 ( 5C ) 2020204127 ( 4C ) 2020213285 ( 4C )  
 2020217352 ( 12C )

**2021**

2021100955 ( 18AN ) 2021100958 ( 18AN ) 2021100961 ( 18AN )  
 2021100963 ( 18AN ) 2021100965 ( 18AN ) 2021100981 ( 18AN )  
 2021201043 ( 1B ) 2021201107 ( 1B ) 2021201108 ( 1B )  
 2021201262 ( 1B )

**Assignments before Grant, Section 113**

**2015**

2015236205 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2015296778 Microsoft Technology Licensing, LLC The application has been assigned to **MileIQ LLC**

2015312128 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2015346064 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

**2016**

2016246722 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016373365 GenomeFrontier Therapeutics, Inc. The application has been assigned to **GenomeFrontier Therapeutics, Inc.**

2016380794 Tex Tech Industries, Inc. The application has been assigned to **DuPont Safety & Construction, Inc.**

2016404643 Jiangsu Huifeng Bio Agriculture Co., Ltd. The application has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**

**2017**

2017286799 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2017290701 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

**Assignments before Grant, Section 113**

2017290708 SunPower Corporation; Total Marketing Services The application has been assigned to **Maxeon Solar Pte. Ltd.; Total Marketing Services**

2017301890 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

**2018**

2018256744 ADR Technology B.V. The application has been assigned to **BLUE PHOENIX GROUP B.V.**

2018265262 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2018297056 Compass Instruments (CI) B.V. The application has been assigned to **COMPASS EUROPE GROUP (CEG) B.V.**

2018297890 SINTEF TTO AS The application has been assigned to **HYSTAR AS**

2018380155 Innocrin Pharmaceuticals, Inc. The application has been assigned to **Kembi Therapeutics Pty Ltd**

2018393045 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018440943 Massachusetts Institute of Technology; NuVu, LLC The application has been assigned to **Elemind Technologies, Inc.; Massachusetts Institute of Technology**

**2019**

2019202314 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019209960 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The application has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2019222745 Peroxychem LLC The application has been assigned to **Evonik Operations GmbH**

2019222952 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019249263 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019250255 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019252662 Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus; Rocket Pharmaceuticals, Ltd. The application has been assigned to **Spacecraft Seven, LLC; Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus**

2019255506 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

**Assignments before Grant, Section 113**

2019261646 Rocket Pharmaceuticals, Ltd. The application has been assigned to **Spacecraft Seven, LLC**

2019263438 Korea Research Institute of Bioscience and Biotechnology The application has been assigned to **VSpharmtech**

2019277675 PeroxyChem LLC The application has been assigned to **Evonik Operations GmbH**

2019283886 SunPower Corporation; Total Marketing Services The application has been assigned to **Maxeon Solar Pte. Ltd.; Total Marketing Services**

2019283942 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019287262 Berlin-Chemie AG The application has been assigned to **Oxford BioTherapeutics Ltd**

2019287669 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2019290649 Peroxychem LLC The application has been assigned to **Evonik Operations GmbH**

2019299970 Rocket Pharmaceuticals, Ltd. The application has been assigned to **Spacecraft Seven, LLC**

2019315438 Consorcio Centro de Investigacion Biomedica en Red, M.P.; Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Rocket Pharmaceuticals, Ltd.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz The application has been assigned to **Spacecraft Seven, LLC; Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Consorcio Centro de Investigacion Biomedica en Red, M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz**

2019333919 RAJU, Sharat; University of Washington; CHAN, Justin; GOLLAKOTA, Shyamnath; NANDAKUMAR, Rajalakshmi; BLY, Randall The application has been assigned to **Seattle Children's Hospital; University of Washington**

2019342100 Long, Jeffrey; Long, Clarence; Long, Justin; Cestero, Ramon The application has been assigned to **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM**

**2020**

2020200717 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2020202050 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2020277220 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2020901742 The trustee for the Hoon Media Trust The application has been assigned to **BRNC Industries Pty Ltd**

**Assignments before Grant, Section 113**

**2021**

2021201763 **Microsoft Technology Licensing, LLC** The application has been assigned to **MileIQ LLC**

2021900759 **Flenche, Karin** The application has been assigned to **Cornerstone R&D Discoveries Pty Ltd**

2021900932 **SMART FARM DATA LIMITED** The application has been assigned to **Ruminant Biotech Corp Limited**

**Extensions of Time, Section 223**

**Applications Received**

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

**2011**

2011323627 **Finish Systems International, LLC** An application to extend the time from 30 Apr 2020 to 28 Mar 2021 in which to pay the renewal fee has been filed . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

**2013**

2013237655 **Reed, C.** An application to extend the time from 04 Apr 2021 to 04 Apr 2022 in which to gain acceptance has been filed . Address for service - The Trustee for Reed Family Trust 16 Moondani Drive Gilston QLD 4211 AU

**2014**

2014275575 **Parodi, F.** An application to extend the time from 05 Jun 2020 to 05 May 2021 in which to pay a renewal fee has been filed . Address for service - Gary Peter Betteridge 20 Fendalton Drive Rototuna Hamilton 3210 NZ

**2016**

2016289095 **GlycoBioSciences Inc.** An application to extend the time from 30 Jun 2020 to 30 Apr 2021 in which to pay a renewal fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

**2018**

2018204015 **Elanco Tiergesundheits AG** An application to extend the time from 27 Aug 2020 to 27 Mar 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Applications Allowed - Section 223(2)**

**2008**

2008202212 **Zisti, G.** The time in which to pay a renewal fee has been extended to 20 Dec 2020 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

**2010**

2010202590 **MacMorran, D.; Eason, C.** The time in which to pay the renewal fee has been extended to 22 Oct 2020 . Address for service -

**Extensions of Time, Section 223**

Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

**2013**

2013204494 **Thinking Ergonomix Pty Limited** The time in which to pay the renewal fee has been extended to 12 Nov 2020 . Address for service - THINKING ERGONOMIX PTY LIMITED 25 Helles Ave Moorebank NSW 2170 AU

2013262819 **University of Washington through its Center for Commercialization** The time in which to pay a renewal fee has been extended to 15 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017201354 **University of Washington through its Center for Commercialization** The time in which to pay a renewal fee has been extended to 15 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017240632 **Weber, P.** The time in which to pay the acceptance fee has been extended to 02 Mar 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017248447 **Collectis** The time in which to pay a renewal fee has been extended to 05 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018278977 **Linxens Holding** The time in which to pay the acceptance fee has been extended to 22 Mar 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018282346 **Slyp Pty Ltd** The time in which to associate with a complete application has been extended to 20 Dec 2018 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018441308 **ABB SCHWEIZ AG** The time in which to enter the National Phase has been extended to 10 May 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2019**

2019338048 **TRAUMA SIMULATION LIMITED** The time in which to enter the National Phase has been extended to 29 May 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**2020**

2020286305 **Qualcomm Incorporated** The time in which to make a further application for a divisional patent has been extended to 23 Dec 2020 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 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

**Amendments**

journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

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

**2004**

2004285448 Controlled release sterile injectable aripiprazole formulation and method **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2012**

2012217875 Blending color and control management system **SureTint Technologies, LLC** The nature of the amendment is as shown in the statement(s) filed 29 May 2020 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

**2013**

2013230917 Methods and compositions for detecting multiple analytes with a single signal **Invisible Sentinel, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 May 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014358792 Pyrrolo[2,3-d]pyrimidinyl, pyrrolo[2,3-b]pyrazinyl and pyrrolo[2,3-d]pyridinyl acrylamides **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 07 May 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**2016**

2016279913 Metal ion complexes **RR Medsciences Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 05 May 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

**2017**

2017252598 Methods, compositions and uses relating thereto **Innospec Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017252599 Methods, compositions and uses relating thereto **Innospec Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2018**

2018214122 PHENOTYPE PROFILE OF HUMAN RETINAL PRO-GENITOR CELLS **The Schepens Eye Research Institute** The nature of the amendment is as shown in the statement(s) filed 10 May 2021 . Address for service - HENRY HUGHES IP LTD PO Box 356 Wellington 6140 NZ

2018255160 Acid resistant carbon composites, methods of manufacture, and articles formed thereof **Baker Hughes Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 31

**Amendments**

Mar 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2020**

2020202885 REMOTELY ADJUSTABLE INTERACTIVE BONE RESHAPING IMPLANT **NuVasive Specialized Orthopedics, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**Amendments Made**

**2014**

2014364119 **BASF Agricultural Solutions Seed US LLC** The nature of the amendment is as shown in the statement filed 11 Feb 2021

**2015**

2015244729 **Adeka Corporation** The nature of the amendment is as shown in the statement filed 10 Feb 2021

2015348595 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the invention title to read T cell activating bispecific antigen binding molecules against FOLR1 and CD3

**2016**

2016102456 **Concave Global Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2021, 27 Jan 2021 and 23 Dec 2020

2016200161 **Germon, P.** The nature of the amendment is: Application is to proceed under the number 2016102464

2016235493 **Cometeer, Inc.** The nature of the amendment is: Amend the name of the inventor to read Roberts, Matthew; Kalenian, Paul and Hoon, Douglas M.

2016245959 **Syngenta Participations AG** The nature of the amendment is as shown in the statement filed 05 Feb 2021

2016312904 **Bayer Pharma Aktiengesellschaft** The nature of the amendment is as shown in the statement filed 08 Feb 2021

2016333963 **Mitobridge, Inc.; The Salk Institute for Biological Studies** The nature of the amendment is as shown in the statement filed 17 Feb 2021

2016341523 **Chemson Polymer-Additive AG** The nature of the amendment is as shown in the statement filed 11 Feb 2021

2016376850 **Sika Technology AG** The nature of the amendment is as shown in the statement filed 10 Feb 2021

**2017**

2017209066 **Sinphar Tian-Li (Hangzhou) Pharmacy Company Limited** The nature of the amendment is as shown in the statement filed 09 Feb 2021

2017277422 **AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Boghaert, Erwin R.; Bruncko, Milan;

**Amendments**

Doherty, George; Frey, Robin R.; Judd, Andrew S.; Phillips, Andrew C.; Song, Xiaohong; Souers, Andrew J.; Sullivan, Gerard M. and Tao, Zhi-Fu

2017382436 **Arvinas Operations, Inc.; Yale University** The nature of the amendment is as shown in the statement filed 12 Feb 2021

2017422286 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2017101907

2017422286 **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement filed 10 May 2021

2017422662 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2017101906

2017422662 **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement filed 10 May 2021

**2018**

2018243705 **UOP LLC** The nature of the amendment is as shown in the statement filed 16 Feb 2021

2018274885 **Blakeman, J.** The nature of the amendment is: Amend the name of the inventor to read Blakeman, Jonathan Lindsay

2018345223 **Komatsu Ltd.** The nature of the amendment is as shown in the statement filed 15 Apr 2021

2018359514 **MELD Manufacturing Corporation** The nature of the amendment is as shown in the statement filed 22 Jan 2021

2018383530 **Motorola Solutions, Inc.** The nature of the amendment is as shown in the statement filed 15 Feb 2021

2018396514 **Niikura Scales Co., Ltd.** The nature of the amendment is: Amend the invention title to read UMBRELLA BAG BUNDLE, HOLDING STRUCTURE FOR UMBRELLA BAG BUNDLE, AND BAG OPENING DEVICE

2018445805 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read TERMINAL CONFIGURATION METHOD AND APPARATUS

2018447397 **NTT DoCoMo, Inc.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018448134 **Pujing Chemical Industry Co., Ltd** The nature of the amendment is: Amend the invention title to read Polyglycolide copolymer and preparation thereof

2018450414 **Suzhou Kanova Biopharmaceutical Co., Ltd.; Beijing Kanova Biopharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2021

**2019**

2019201548 **Antecip Bioventures II LLC** The nature of the amendment is as shown in the statement filed 06 Feb 2021

**Amendments**

2019201939 **Gilead Pharmasset LLC** The nature of the amendment is as shown in the statement filed 18 Feb 2021

2019204054 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 08 Feb 2021

2019222670 **Inbiose N.V.; DuPont Nutrition Biosciences ApS** The nature of the amendment is: Amend the name of the inventor to read DALGAARD, Niels and SOETAERT, Wim

2019284126 **Copper Trading Pty Ltd** The nature of the amendment is as shown in the statements filed 18 Mar 2021, 28 Apr 2021 and 11 May 2021

2019310811 **Huangfu, H.** The nature of the amendment is: Amend the invention title to read INERTIA-BASED ENERGY STORAGE METHOD

2019335843 **Vivo Mobile Communication Co.,Ltd.** The nature of the amendment is: Amend the invention title to read Ethernet Header Compression Method, Ethernet Header Decompression Method, and Device

2019345516 **Phytovent BioPharma** The nature of the amendment is: Amend the invention title to read DERIVATIVE OF SARSASAPONGENIN, PHARMACEUTICAL COMPOSITION AND USE THEREOF

2019347324 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerant charging method, heat source unit, and renewed refrigeration cycle apparatus

2019348580 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read WAREHOUSING MANAGEMENT SYSTEM AND METHOD

2019349084 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerant charging method

2019351191 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Receiving Method, Sending Method, Terminal, and Network Side Device

2019351458 **The University of Kitakyushu; Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the invention title to read IMMUNITY-INDUCING AGENT COMPRISING ANTIGEN PEPTIDE-ADJUVANT NUCLEOTIDE CONJUGATE AND PHARMACEUTICAL COMPOSITION COMPRISING SAME

2019355246 **Dematic GmbH** The nature of the amendment is as shown in the statement filed 23 Apr 2021

2019358595 **BASF AS** The nature of the amendment is: Amend the invention title to read AROMATIC COMPOUNDS AND PHARMACEUTICAL USES THEREOF

2019360152 **Advanced Environmental Technologies, LLC** The nature of the amendment is: Amend the invention title to read METHODS AND SYSTEMS FOR ELECTROCHEMICALLY INCREASING BIOREACTIVITY OF CARBONACEOUS GEOLOGICAL MATERIALS

**Amendments**

2019360911 **Zhejiang University** The nature of the amendment is: Application is to proceed under the number 2019101799

2019362347 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read IMAGE PROCESSING METHOD AND APPARATUS, AND DEVICE

2019362596 **Enzyre B.V.** The nature of the amendment is: Amend the name of the inventor to read van HEERDE, Waander Laurens; van GEFFEN, Mark and STEEGHS, Danique

2019364421 **Functionize, Inc.** The nature of the amendment is: Amend the name of the inventor to read SEATON, Jonathon R. and CSER, Tamas

2019364883 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read A METHOD AND AN APPARATUS FOR DETERMINING MOTION INFORMATION FOR A CURRENT BLOCK, A METHOD AND AN APPARATUS FOR CONSTRUCTING AND UPDATING A HISTORY-BASED MOTION VECTOR PREDICTOR LIST, AND NON-TRANSITORY COMPUTER-READABLE STORAGE MEDIUM, AND VIDEO ENCODING/DECODING METHODS AND APPARATUS

2019366403 **Brego 360 Holdings, LLC** The nature of the amendment is as shown in the statement filed 21 Apr 2021

2019367448 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read FLYING CAPACITOR CHARGING METHOD AND APPARATUS

2019368125 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read SEPARATE MERGE LIST FOR SUBBLOCK MERGE CANDIDATES AND INTRA-INTER TECHNIQUES HARMONIZATION FOR VIDEO CODING

2019370062 **Jiangsu Hengrui Medicine Co., Ltd.** The nature of the amendment is as shown in the statement filed 05 May 2021

2019370757 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR CONTROLLING CONNECTION BETWEEN TERMINAL AND NETWORK, AND APPARATUS

2019375169 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Mined material transport vehicle

2019376472 **Innotec Motion GmbH** The nature of the amendment is: Amend the invention title to read Seating Furniture Chassis

2019378884 **Li-Cor, Inc.** The nature of the amendment is: Amend the name of the inventor to read RAGATZ, Andrew George; LESIAK, Christopher; NICHOLLS, Irma; FIEDLER, Mark and BOUZID, Ahmed

2019389878 **Alcon Inc.** The nature of the amendment is as shown in the statement filed 03 May 2021

2019395569 **Ling, Z.** The nature of the amendment is: Amend the invention title to read DOUBLE-FLEXPLINE HARMONIC REDUCER WITH LIMITABLE DEFORMATION

**Amendments**

2019397636 **Bridgestone Corporation** The nature of the amendment is: Amend the invention title to read Position information processing device for conveyor belt, conveyor belt apparatus, position information processing method for conveyor belt, conveyor belt, and position information processing device

2019432494 **Jiangmen Pengcheng Helmets Ltd.** The nature of the amendment is: Amend the invention title to read HELMET WITH GEAR-CONSTRAINT TRANSFORMABLE CHIN GUARD STRUCTURE

2019443395 **South China University of Technology** The nature of the amendment is: Amend the invention title to read A DUAL-PULSE MIG WELDING POWER SOURCE BASED ON SIC POWER DEVICES

**2020**

2020104220 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Manzari, Behkish J.; Souza Dos Santos, Andre; Paul, Grant; Sorrentino III, William A.; Preston, Daniel Trent; Broughton, Lee S.; Girling, Lukas Robert Tom; McCormack, Jon; Hubel, Paul; Deshpande, Alok; Lupinetti, Nick; Hankey, M. Evans; Dye, Alan C. and Federighi, Craig M.

2020211868 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for work machine

2020277276 **Ion Beam Applications** The nature of the amendment is: Amend the priority details to read 19212438.6 29 Nov 2019 EP

**2021**

2021102102 **Nanjing University of Science and Technology; Shanghai Aerospace Chemical Engineering Application Research Institute; Hubei Institute of Aerospace Chemical Technology** The nature of the amendment is: Amend the name of the inventor to read Liu, Jie; Li, Miaomiao; He, Narenchaogetu; Bei, Yiyang; Jin, Xiaoxun; Wang, Deqi; Chen, Ling; Liu, Shishuo and Li, Fengsheng

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

**2005**

2005243829 **Mitsubishi Hitachi Power Systems, Ltd.** The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2006**

2006211317 **Electric Power Development Co., Ltd.; Mitsubishi Hitachi Power Systems, Ltd.** The name of the patentee has been altered to **Electric Power Development Co., Ltd.; Mitsubishi Power, Ltd.**

2006220355 **Mitsubishi Hitachi Power Systems, Ltd.** The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2007**

2007205567 **Mitsubishi Hitachi Power Systems, Ltd.** The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2007301377 **Mitsubishi Hitachi Power Systems, Ltd.** The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**Amendments****2008**

2008203037 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2008304763 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2008330842 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2009**

2009227884 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2009234947 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2009301682 Chubu Electric Power Co., Inc.; Central Research Institute of Electric Power Industry; Tohoku Electric Power Co., Inc.; Hokuriku Electric Power Company; The Kansai Electric Power Co., Inc.; Hokkaido Electric Power Company, Incorporated; The Chugoku Electric Power Co., Inc.; Kyushu Electric Power Co., Inc.; Electric Power Development Co., Ltd.; Shikoku Electric Power Co., Inc.; Joban Joint Power Co., Ltd.; Tokyo Electric Power Company Holdings, Incorporated; Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Chubu Electric Power Co., Inc.; Central Research Institute of Electric Power Industry; Tohoku Electric Power Co., Inc.; Hokuriku Electric Power Company; The Kansai Electric Power Co., Inc.; Hokkaido Electric Power Company, Incorporated; The Chugoku Electric Power Co., Inc.; Kyushu Electric Power Co., Inc.; Electric Power Development Co., Ltd.; Shikoku Electric Power Co., Inc.; Joban Joint Power Co., Ltd.; Tokyo Electric Power Company Holdings, Incorporated; Mitsubishi Power, Ltd.**

2009307613 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2009311030 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2009331418 Joban Joint Power Co., Ltd.; Central Research Institute of Electric Power Industry; Hokuriku Electric Power Company; The Chugoku Electric Power Co., Inc.; Shikoku Electric Power Co., Inc.; Tohoku Electric Power Co., Inc.; Chubu Electric Power Co., Inc.; The Kansai Electric Power Co., Inc.; Kyushu Electric Power Co., Inc.; Electric Power Development Co., Ltd.; Hokkaido Electric Power Company, Incorporated; Tokyo Electric Power Company Holdings, Incorporated; Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Joban Joint Power Co., Ltd.; Central Research Institute of Electric Power Industry; Hokuriku Electric Power Company; The Chugoku Electric Power Co., Inc.; Shikoku Electric Power Co., Inc.; Tohoku Electric Power Co., Inc.; Chubu Electric Power Co., Inc.; The Kansai Electric Power Co., Inc.; Kyushu Electric Power Co., Inc.; Electric Power Development Co., Ltd.; Hokkaido Electric Power Company, Incorporated; Tokyo Electric Power Company Holdings, Incorporated; Mitsubishi Power, Ltd.**

2009341208 Kyushu Electric Power Co., Inc.; Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Kyushu Electric Power Co., Inc.; Mitsubishi Power, Ltd.**

**Amendments**

2009357435 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2010**

2010200506 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2010246510 Electric Power Development Co. Ltd.; Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Electric Power Development Co. Ltd.; Mitsubishi Power, Ltd.**

2010296349 Mitsubishi Hitachi Power Systems, Ltd.; Joban Joint Power Co., Ltd.; Chubu Electric Power Co., Inc.; Central Research Institute of Electric Power Industry; Kyushu Electric Power Co., Inc.; Shikoku Electric Power Co., Inc.; Tokyo Electric Power Company Holdings, Incorporated; The Chugoku Electric Power Co., Inc.; Hokuriku Electric Power Company; Tohoku Electric Power Co., Inc.; The Kansai Electric Power Co., Inc.; Hokkaido Electric Power Company, Incorporated; Electric Power Development Co., Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.; Joban Joint Power Co., Ltd.; Chubu Electric Power Co., Inc.; Central Research Institute of Electric Power Industry; Kyushu Electric Power Co., Inc.; Shikoku Electric Power Co., Inc.; Tokyo Electric Power Company Holdings, Incorporated; The Chugoku Electric Power Co., Inc.; Hokuriku Electric Power Company; Tohoku Electric Power Co., Inc.; The Kansai Electric Power Co., Inc.; Hokkaido Electric Power Company, Incorporated; Electric Power Development Co., Ltd.**

**2011**

2011251218 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011253711 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011266461 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011310173 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011310241 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011315008 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011319286 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2011360560 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2012**

2012200504 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2012202071 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**Amendments**

2012221495 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2012239182 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2012276966 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2012291497 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2013**

2013201145 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2013237711 Mitsubishi Hitachi Power Systems, Ltd.; Electric Power Development Co. Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.; Electric Power Development Co. Ltd.**

2013251229 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2013291157 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2013297546 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2013303566 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2014**

2014202252 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2014218404 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2014238823 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2014288257 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2015**

2015201766 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2015224531 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2015235280 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2015247080 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**Amendments**

2015258171 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

**2016**

2016274736 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2016286769 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2016329903 Huntsman P&A UK Limited The name of the applicant has been altered to **Venator Materials UK Limited**

**2017**

2017238848 Blue Planet, Ltd. The name of the applicant has been altered to **Blue Planet Systems Corporation**

2017365615 EV Works Pty Ltd The name of the applicant has been altered to **R & WJ Enterprises Pty Ltd**

**2018**

2018200914 Mitsubishi Hitachi Power Systems, Ltd. The name of the patentee has been altered to **Mitsubishi Power, Ltd.**

2018202835 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

2018274885 Blakeman, Jonathon The name of the patentee has been altered to **Blakeman, J.**

2018276071 ETP Ion Detect Pty Ltd The name of the applicant has been altered to **ADAPTAS SOLUTIONS PTY LTD**

**2019**

2019357128 Clinspec Diagnostics Limited The name of the applicant has been altered to **Dxcover Limited**

2019365638 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

**2020**

2020901495 Soapii Pty Ltd The name of the applicant has been altered to **Hygiene Habits Pty Ltd**

2020901506 Macfarlane Burnet Institute for Medical Research and Public Health Limited The name of the applicant has been altered to **Chancellor, Masters and Scholars of the University of Oxford; Macfarlane Burnet Institute for Medical Research and Public Health Limited**

2020901712 Soapii Pty Ltd The name of the applicant has been altered to **Hygiene Habits Pty Ltd**

2020904527 Soapii Pty Ltd The name of the applicant has been altered to **Hygiene Habits Pty Ltd**

2020904746 Cryogenics Holdings Pty Ltd The name of the applicant has been altered to **Vitrafy Life Sciences Pty Ltd**

**Amendments****2021**

2021102116 MANDI, RITEESH M; H. C., SHREYAS; Dr. Ambedkar Institute of Technology The name of the applicant has been altered to **MANDI, R.M.; H. C., S.; Dr. Ambedkar Institute Of Technology**

2021202406 Status Medical, LLC The name of the applicant has been altered to **Stratus Medical, LLC**

2021900136 Tec.Fit Technologies Pty Ltd The name of the applicant has been altered to **Bodd Technologies Pty Ltd**

2021900361 Soapii Pty Ltd The name of the applicant has been altered to **Hygiene Habits Pty Ltd**

2021901226 The Walter and Eliza Hall Institute of Medical Research The name of the applicant has been altered to **Affinity Biosciences Pty Ltd; The Walter and Eliza Hall Institute of Medical Research**

2021901227 The Walter and Eliza Hall Institute of Medical Research The name of the applicant has been altered to **Affinity Biosciences Pty Ltd; The Walter and Eliza Hall Institute of Medical Research**

2021901286 VAST Biosciences Pty Ltd The name of the applicant has been altered to **VAST Bioscience Pty Ltd**

2021901289 VAST Biosciences Pty Ltd The name of the applicant has been altered to **VAST Bioscience Pty Ltd**

2021901318 Enosis Therapeutics Pty Ltd The name of the applicant has been altered to **Sekula, A.D.; Puspanathan, P.**

2021901388 a) Anchique Pty Ltd The name of the applicant has been altered to **Anchique Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 925599 Alberta Ltd.  
 (11) AU-A-2021202556  
 (21) 2021202556 (22) 26.04.2021  
 (54) Pipe connector  
 (51) Int. Cl.  
*E21B 17/042* ( 2006.01 )  
*E21B 17/10* ( 2006.01 )  
*F16L 15/04* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016244745  
 (72) Sabatier, Clint Roger  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2021202813  
 (21) 2021202813 (22) 04.05.2021  
 (54) Medical device data processing and communication methods and systems  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018274889  
 (72) Taub, Marc Barry; Budiman, Erwin Satrya; Hua, Xuandong; Love, Michael  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abernathy, G.  
 (11) AU-A-2019268078  
 (21) 2019268078 (22) 19.11.2019  
 (54) The added parts convert a standard extension ladder into a materials lifter  
 (51) Int. Cl.  
*B66F 7/02* ( 2006.01 )  
*B66F 11/00* ( 2006.01 )  
*E06C 7/12* ( 2006.01 )  
 (31) 2019904253 (32) 12.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Abernathy, George  
 (74) George Abernathy

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(71) Ablynx NV  
 (11) AU-A-2021202747  
 (21) 2021202747 (22) 03.05.2021  
 (54) Methods of treating TTP with immunoglobulin single variable domains and uses thereof  
 (51) Int. Cl.  
*A61K 38/36* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015276237  
 (72) Duby, Christian  
 (74) Shelston IP Pty Ltd.

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2020260401  
 (21) 2020260401 (22) 27.10.2020  
 (54) PROSPECT RECOMMENDATION

(51) Int. Cl.  
*G06Q 30/02* ( 2012.01 )  
 (31) 16/678,844 (32) 08.11.19 (33) US  
 (43) 27.05.2021  
 (72) NORI, Ravi Shankar; AVINASH DORLE, Vinay; KUMAR SONI, Santosh; THEERTHALA, Siva Rama Sarma; PUSHAM, Sumeet; KHANNA, Manu  
 (74) Murray Trento & Associates Pty Ltd

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(71) Achillion Pharmaceuticals, Inc.  
 (11) AU-A-2021202728  
 (21) 2021202728 (22) 30.04.2021  
 (54) Aryl, Heteroaryl, And Heterocyclic Compounds For Treatment Of Medical Disorders  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/167* ( 2006.01 )  
*A61K 31/395* ( 2006.01 )  
*A61K 31/40* ( 2006.01 )  
*C07D 403/14* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016311425  
 (72) WILES, Jason Allan; PHADKE, Avinash S; DESHPANDE, Milind; AGARWAL, Atul; CHEN, Dawei; GADHACHANDA, Venkat Rao; HASHIMOTO, Akihiro; PAIS, Godwin; WANG, Qiuping; WANG, Xiangzhu  
 (74) WRAYS PTY LTD

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**Acticor Biotech see Université de Paris**  
 (21) 2021202612

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(71) Adama Australia Pty Limited  
 (11) AU-A-2020267277  
 (21) 2020267277 (22) 13.11.2020  
 (54) Highly Loaded Clopyralid Dual-Salt Formulation  
 (51) Int. Cl.  
*A01N 43/40* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 25/22* ( 2006.01 )  
*A01N 33/02* ( 2006.01 )  
*A01N 33/08* ( 2006.01 )  
*A01N 39/04* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
 (31) 2019904273 (32) 13.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Horsfield, Andrew  
 (74) Chrysiliou IP

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(71) ADMA Biologics, Inc.  
 (11) AU-A-2021202598  
 (21) 2021202598 (22) 27.04.2021  
 (54) Compositions and methods for the treatment of immunodeficiency

(51) Int. Cl.  
*A61K 35/16* ( 2015.01 )  
*A61K 39/42* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015246157  
 (72) GROSSMAN, Adam S.; GROSSMAN, Jerrold B.; MOND, James; GOLDSTEIN, Dov A.  
 (74) Spruson & Ferguson

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(71) Advanced New Technologies Co., Ltd.  
 (11) AU-A-2021202646  
 (21) 2021202646 (22) 28.04.2021  
 (54) Secure offline resource operations  
 (51) Int. Cl.  
*G06F 15/173* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2017382164  
 (72) CHEN, Ge; WANG, Lei; SHEN, Lingnan; CHEN, Xing  
 (74) Spruson & Ferguson

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(71) Aegea Medical Inc.  
 (11) AU-A-2021202777  
 (21) 2021202777 (22) 04.05.2021  
 (54) Induction coil assembly for uterine ablation and method  
 (51) Int. Cl.  
*A61B 18/04* ( 2006.01 )  
*A61B 18/12* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018288848  
 (72) MOYER, Daniel Van Zandt; CHEE, Uriel Hiram; SMITH, Torrey Pine; MAGEN, Hugh Edward; GITTINGS, Darin Charles  
 (74) Griffith Hack

---

(71) Alexza Pharmaceuticals, Inc.  
 (11) AU-A-2021202621  
 (21) 2021202621 (22) 28.04.2021  
 (54) Method of treating epilepsy  
 (51) Int. Cl.  
*A61K 31/573* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2017370747  
 (72) CASSELLA, James; GONG, Lily; KAMEMOTO, Edwin S.  
 (74) Davies Collison Cave Pty Ltd

---

(71) ALLEN, W.J.  
 (11) AU-A-2021202755  
 (21) 2021202755 (22) 03.05.2021  
 (54) TILED FLOOR ASSEMBLY AND COMPONENTS  
 (51) Int. Cl.  
*E04F 15/024* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 27.05.2021  
(62) 2019373852  
(72) ALLEN, Warwick James  
(74) AJ Park

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(71) Alnylam Pharmaceuticals, Inc.  
(11) AU-A-2021202552  
(21) 2021202552 (22) 26.04.2021  
(54) Angiotensinogen (AGT) iRNA compositions and methods of use thereof  
(51) Int. Cl.  
A61K 31/712 ( 2006.01 )  
A61P 9/00 ( 2006.01 )  
C12N 15/113 ( 2010.01 )  
(43) 27.05.2021  
(62) 2015264038  
(72) FOSTER, Donald; BETTENCOURT, Brian; CHARISSE, Klaus; HINKLE, Gregory; KUCHIMANCHI, Satyanarayana; MAIER, Martin; MILSTEIN, Stuart  
(74) Griffith Hack

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(71) American Express Travel Related Services Company, Inc.  
(11) AU-A-2021202583  
(21) 2021202583 (22) 27.04.2021  
(54) Mobile payment system  
(51) Int. Cl.  
G06Q 20/20 ( 2012.01 )  
H04L 9/00 ( 2006.01 )  
H04W 12/00 ( 2021.01 )  
(43) 27.05.2021  
(62) 2017367826  
(72) LIU, Hong; NARSIPUR, Keshav  
(74) FB Rice Pty Ltd

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(71) AMVAC Hong Kong Limited  
(11) AU-A-2021202605  
(21) 2021202605 (22) 27.04.2021  
(54) IMPROVED AGRICULTURAL PRODUCT DISPENSING SYSTEM  
(51) Int. Cl.  
G06Q 50/28 ( 2012.01 )  
G06Q 10/08 ( 2012.01 )  
G06Q 50/02 ( 2012.01 )  
G06Q 50/10 ( 2012.01 )  
(43) 27.05.2021  
(62) 2018271112  
(72) Wintemute, Eric G.; Rice, Richard L.; James, Kent; Richardson, John J.  
(74) RnB IP Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
(11) AU-A-2021202569  
(21) 2021202569 (22) 27.04.2021  
(54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES  
(51) Int. Cl.  
G06Q 50/10 ( 2012.01 )  
A63F 1/06 ( 2006.01 )  
A63F 11/00 ( 2006.01 )

(43) 27.05.2021  
(62) 2019253876  
(72) Shigeta, Yasushi  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
(11) AU-A-2021202571  
(21) 2021202571 (22) 27.04.2021  
(54) Game token management system  
(51) Int. Cl.  
A63F 1/06 ( 2006.01 )  
(43) 27.05.2021  
(62) 2017307763  
(72) Shigeta, Yasushi  
(74) Davies Collison Cave Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
(11) AU-A-2021202629  
(21) 2021202629 (22) 28.04.2021  
(54) Gaming chip and management system  
(51) Int. Cl.  
A63F 9/00 ( 2006.01 )  
A63F 3/00 ( 2006.01 )  
A63F 11/00 ( 2006.01 )  
(43) 27.05.2021  
(62) 2018245896  
(72) Shigeta, Yasushi  
(74) FB Rice Pty Ltd

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(71) Antecip Bioventures II LLC  
(11) AU-A-2021202497  
(21) 2021202497 (22) 23.04.2021  
(54) COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN  
(51) Int. Cl.  
A61K 31/485 ( 2006.01 )  
A61K 31/137 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
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(72) Tabuteau, Herriot  
(74) RnB IP

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(71) Apple Inc.  
(11) AU-A-2021202620  
(21) 2021202620 (22) 28.04.2021  
(54) Method of using one device to unlock another device  
(51) Int. Cl.  
H04L 29/06 ( 2006.01 )  
G06F 21/00 ( 2013.01 )  
(43) 27.05.2021  
(62) 2019201720  
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(74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
(11) AU-A-2021202815

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(54) Message user interfaces for capture and transmittal of media and location content  
(51) Int. Cl.  
G06Q 10/10 ( 2012.01 )  
(43) 27.05.2021  
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(74) FPA Patent Attorneys Pty Ltd

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(71) ArQule, Inc.  
(11) AU-A-2021202610  
(21) 2021202610 (22) 28.04.2021  
(54) Methods for preparing substituted 5,6-dihydro-6-phenylbenzo[f]isoquinolin-2-amine  
(51) Int. Cl.  
C07D 239/84 ( 2006.01 )  
A61K 31/517 ( 2006.01 )  
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(72) Bates, Craig; Reed, David P.; Mao, Jianmin  
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2021202767  
(21) 2021202767 (22) 03.05.2021  
(54) Front loaded auto injector for administering a medicament  
(51) Int. Cl.  
A61M 5/20 ( 2006.01 )  
A61M 5/315 ( 2006.01 )  
A61M 5/32 ( 2006.01 )  
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(72) Fabricius, Paul Erik; Olesen, Jan; Jensen, Steen; Egesborg, Henrik; Pedersen, Per Molgaard  
(74) Shelston IP Pty Ltd.

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(71) Aus Chairs Pty Ltd  
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(21) 2020264418 (22) 07.11.2020  
(54) Reinforcing Spacer  
(51) Int. Cl.  
E04C 5/16 ( 2006.01 )  
E04C 5/20 ( 2006.01 )  
(31) 2019904192 (32) 07.11.19 (33) AU  
(43) 27.05.2021  
(72) Rajkovic, Bodin; Iaconis, Francesco; Rajkovic, Balsa  
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*E04B 1/08* ( 2006.01 )  
*E04B 1/24* ( 2006.01 )  
*E04B 1/26* ( 2006.01 )  
*E04B 1/38* ( 2006.01 )  
*E04B 2/74* ( 2006.01 )  
*E04B 5/10* ( 2006.01 )  
*E04C 3/04* ( 2006.01 )

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 (72) FOWLER, Andrew  
 (74) Halfords IP

(71) Autochair Limited  
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 (21) 2020267319 (22) 13.11.2020  
 (54) Seat Assembly  
 (51) Int. Cl.  
*A61G 5/10* ( 2006.01 )  
*A61G 5/00* ( 2006.01 )

(31) 1916523.2 (32) 13.11.19 (33) GB  
 (43) 27.05.2021  
 (72) Thorpe, Andrew Richard  
 (74) WRAYS PTY LTD

(71) Ayr Ltd  
 (11) AU-A-2021202577  
 (21) 2021202577 (22) 27.04.2021  
 (54) Electronic vaporiser system  
 (51) Int. Cl.  
*A61M 11/04* ( 2006.01 )  
*A24F 47/00* ( 2020.01 )  
*A61M 15/06* ( 2006.01 )

(43) 27.05.2021  
 (62) 2016313955  
 (72) MURISON, Ian; MARCH, Stephen;  
 GORILOVSKY, Dmitry  
 (74) Davies Collison Cave Pty Ltd

(71) Baraja Pty Ltd  
 (11) AU-A-2021202660  
 (21) 2021202660 (22) 29.04.2021  
 (54) Spatial profiling system and method  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01C 3/08* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G01S 17/02* ( 2020.01 )

(43) 27.05.2021  
 (62) 2020203638  
 (72) Collarte Bondy, Federico; Pulikkaseril,  
 Cibby  
 (74) FPA Patent Attorneys Pty Ltd

(71) Baraja Pty Ltd  
 (11) AU-A-2021202661  
 (21) 2021202661 (22) 29.04.2021  
 (54) Spatial profiling system and method  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01C 3/08* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G01S 17/02* ( 2020.01 )

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 (72) Collarte Bondy, Federico; Pulikkaseril,  
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2021202664  
 (21) 2021202664 (22) 29.04.2021  
 (54) Spatial profiling system and method  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01C 3/08* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G01S 17/02* ( 2020.01 )

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 (62) 2020203638  
 (72) Collarte Bondy, Federico; Pulikkaseril,  
 Cibby  
 (74) FPA Patent Attorneys Pty Ltd

(71) Baraja Pty Ltd  
 (11) AU-A-2021202666  
 (21) 2021202666 (22) 29.04.2021  
 (54) Spatial profiling system and method  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01C 3/08* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G01S 17/02* ( 2020.01 )

(43) 27.05.2021  
 (62) 2020203638  
 (72) Collarte Bondy, Federico; Pulikkaseril,  
 Cibby  
 (74) FPA Patent Attorneys Pty Ltd

(71) Baraja Pty Ltd  
 (11) AU-A-2021202811  
 (21) 2021202811 (22) 04.05.2021  
 (54) Estimation of spatial profile of environment  
 (51) Int. Cl.  
*G01S 17/00* ( 2020.01 )  
*G01C 15/00* ( 2006.01 )  
*G01J 3/00* ( 2006.01 )  
*G01S 7/00* ( 2006.01 )

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 (62) 2017377672  
 (72) LODIN, Rebecca; PULIKKASERIL,  
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 (74) FPA Patent Attorneys Pty Ltd

(71) Bayer AS  
 (11) AU-A-2021202665  
 (21) 2021202665 (22) 29.04.2021  
 (54) Radio-pharmaceutical complexes  
 (51) Int. Cl.  
*A61K 51/10* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

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 (62) 2015367722  
 (72) Cuthbertson, Alan  
 (74) Davies Collison Cave Pty Ltd

(71) BD Kiestra B.V.  
 (11) AU-A-2021202750

(21) 2021202750 (22) 03.05.2021  
 (54) Method and system for automatically  
 counting microbial colonies  
 (51) Int. Cl.  
*C12M 1/34* ( 2006.01 )  
*G01N 33/483* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G06T 7/00* ( 2017.01 )

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 (62) 2016250792  
 (72) Wiles, Timothy M.; Marcelpoil, Raphael  
 Rodolphe  
 (74) FB Rice Pty Ltd

(71) Bedgear LLC  
 (11) AU-A-2021202280  
 (21) 2021202280 (22) 15.04.2021  
 (54) PILLOW WITH GUSSET HAVING  
 MULTIPLE POROSITY PORTS  
 (51) Int. Cl.  
*A47G 9/10* ( 2006.01 )

(43) 27.05.2021  
 (62) 2015203722  
 (72) Aletto Jr., Eugene  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Best Rider Global Limited  
 (11) AU-A-2021202586  
 (21) 2021202586 (22) 27.04.2021  
 (54) Disposable tank electronic cigarette,  
 method of manufacture and method of  
 use  
 (51) Int. Cl.  
*A24F 47/00* ( 2020.01 )

(43) 27.05.2021  
 (62) 2015327893  
 (72) PEREZ, Ruben Hector; BASILE, Alex-  
 ander; CRAWFORD, Alan  
 (74) FB Rice Pty Ltd

(71) Blaze Bioscience, Inc.  
 (11) AU-A-2021202814  
 (21) 2021202814 (22) 04.05.2021  
 (54) Chlorotoxin conjugates and methods of  
 use thereof  
 (51) Int. Cl.  
*C07K 14/435* ( 2006.01 )  
*A61K 38/02* ( 2006.01 )  
*A61K 38/07* ( 2006.01 )  
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 BYRNES-BLAKE, Kelly; HANSEN, Sta-  
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 R.  
 (74) Griffith Hack

(71) Blindsight Group Pty Ltd  
 (11) AU-A-2020267152  
 (21) 2020267152 (22) 09.11.2020  
 (54) Fitness equipment  
 (51) Int. Cl.  
*A63B 21/078* ( 2006.01 )  
*A47C 1/00* ( 2006.01 )

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**A63B 21/00** ( 2006.01 )  
**(31)** 2019904241 **(32)** 11.11.19 **(33)** AU  
**(43)** 27.05.2021  
**(72)** Montesalvo, James Albert; Purnell, Christian  
**(74)** Spruson & Ferguson

**(71)** Blindsight Group Pty Ltd  
**(11)** AU-A-2020267247  
**(21)** 2020267247 **(22)** 12.11.2020  
**(54)** Fitness equipment  
**(51)** Int. Cl.  
**A63B 21/00** ( 2006.01 )  
**A63B 23/035** ( 2006.01 )  
**A63B 23/12** ( 2006.01 )  
**(31)** 2019904263 **(32)** 12.11.19 **(33)** AU  
**(43)** 27.05.2021  
**(72)** Purnell, Christian; Montesalvo, James Albert  
**(74)** Spruson & Ferguson

**(71)** Bonac Corporation  
**(11)** AU-A-2021202749  
**(21)** 2021202749 **(22)** 03.05.2021  
**(54)** Artificial single guide RNA and use thereof  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**C07C 229/04** ( 2006.01 )  
**C07C 229/34** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2017213405  
**(72)** Aoki, Eriko; Ohgi, Tadaaki; Kinoshita, Takashi  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Buckman Laboratories International, Inc  
**(11)** AU-A-2021202765  
**(21)** 2021202765 **(22)** 03.05.2021  
**(54)** Method to enhance yeast growth for fermentative bioproduct production, and nutrient composition for same  
**(51)** Int. Cl.  
**C12P 7/06** ( 2006.01 )  
**C12N 1/16** ( 2006.01 )  
**C12N 1/18** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016340880  
**(72)** BUYONDO, John, Paul; JAQUESS, Percy  
**(74)** Griffith Hack

**(71)** Butterfly Network, Inc.  
**(11)** AU-A-2021202768  
**(21)** 2021202768 **(22)** 03.05.2021  
**(54)** Trans-impedance amplifier for ultrasound device and related apparatus and methods  
**(51)** Int. Cl.  
**H04R 31/00** ( 2006.01 )  
**B06B 1/00** ( 2006.01 )  
**B06B 3/00** ( 2006.01 )

**(43)** 27.05.2021  
**(62)** 2016364736  
**(72)** Chen, Kailiang; Fife, Keith G.; Sanchez, Nevada J.; Casper, Andrew J.; Ralston, Tyler S  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Byrne, A.M.  
**(11)** AU-A-2020267221  
**(21)** 2020267221 **(22)** 11.11.2020  
**(54)** Trailer Coupler Locking Apparatus  
**(51)** Int. Cl.  
**B60D 1/60** ( 2006.01 )  
**B60D 1/28** ( 2006.01 )  
**B60R 25/00** ( 2013.01 )  
**(31)** 2019904236 **(32)** 11.11.19 **(33)** AU  
**(43)** 27.05.2021  
**(72)** Byrne, Ashley Morgan  
**(74)** Michael Buck IP

**Cackowski, S. see Hardy, M.**  
**(21)** 2021202606

**(71)** Capnia, Inc.  
**(11)** AU-A-2021202651  
**(21)** 2021202651 **(22)** 28.04.2021  
**(54)** Columnar flow gas sampling and measurement system  
**(51)** Int. Cl.  
**A61M 15/08** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2019203388  
**(72)** DE LA SERNA, Pedro E.; WONDKA, Anthony D.; BLANTE, Robert  
**(74)** Griffith Hack

**(71)** Captive-Aire Systems, Inc.  
**(11)** AU-A-2020260577  
**(21)** 2020260577 **(22)** 30.10.2020  
**(54)** Exhaust fan assembly having a system for automatically opening a damper in the event of a power failure  
**(51)** Int. Cl.  
**F24F 7/02** ( 2006.01 )  
**F24F 13/10** ( 2006.01 )  
**F24F 13/14** ( 2006.01 )  
**(31)** 16/680,528 **(32)** 12.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** HESS, Joshua J.  
**(74)** Spruson & Ferguson

**(71)** Captive-Aire Systems, Inc.  
**(11)** AU-A-2020260579  
**(21)** 2020260579 **(22)** 30.10.2020  
**(54)** Rooftop exhaust fan having a mechanism for locking the fan in an open position  
**(51)** Int. Cl.  
**F24F 7/02** ( 2006.01 )  
**F24F 7/013** ( 2006.01 )  
**(31)** 16/681,950 **(32)** 13.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** HESS, Joshua J.; THOMPSON, Kyle D.  
**(74)** Spruson & Ferguson

**(71)** Celularity, Inc.  
**(11)** AU-A-2021202607  
**(21)** 2021202607 **(22)** 28.04.2021  
**(54)** METHOD OF PRODUCING ERYTHROCYTES WITHOUT FEEDER CELLS  
**(51)** Int. Cl.  
**C12N 5/0789** ( 2010.01 )  
**C12N 5/078** ( 2010.01 )

**(43)** 27.05.2021  
**(62)** 2018232905  
**(72)** ABBOT, Stewart; KANG, Lin; VOSKINARIAN-BERSE, Vanessa; ZHANG, Xiaokui  
**(74)** HENRY HUGHES IP LTD

**(71)** Ceres Tag Pty Ltd  
**(11)** AU-A-2021202601  
**(21)** 2021202601 **(22)** 27.04.2021  
**(54)** APPARATUS AND SYSTEM FOR IDENTIFICATION AND MONITORING OF ANIMALS  
**(51)** Int. Cl.  
**A01K 11/00** ( 2006.01 )

**(43)** 27.05.2021  
**(62)** 2017239570  
**(72)** Smith, David Ian  
**(74)** Michael Buck IP

**(71)** Cernoch, D.; Pondicherry, A.; Refsland, D.; Ives-Halperin, K.  
**(11)** AU-A-2021202615  
**(21)** 2021202615 **(22)** 28.04.2021  
**(54)** SYSTEMS AND METHODS FOR SCALABLE-FACTOR AUTHENTICATION  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )

**(43)** 27.05.2021  
**(62)** 2016362507  
**(72)** Cernoch, Dan; Pondicherry, Ajay; Refsland, Dan; Ives-Halperin, Kenneth  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ceska Zbrojovka A.S  
**(11)** AU-A-2020260406  
**(21)** 2020260406 **(22)** 27.10.2020  
**(54)** Automatic action assembly of a firearm  
**(51)** Int. Cl.  
**F41A 9/65** ( 2006.01 )  
**F41A 9/67** ( 2006.01 )  
**(31)** PV2019-696 **(32)** 12.11.19 **(33)** CZ  
**(43)** 27.05.2021

**(72)** Petera, Lukas; Marek, Rene; Simek, Vladimír  
**(74)** Shelston IP Pty Ltd.

**(71)** CFPH, LLC  
**(11)** AU-A-2021202626  
**(21)** 2021202626 **(22)** 28.04.2021  
**(54)** MULTI-LEVEL GAMING COMPETITIONS  
**(51)** Int. Cl.  
**A63F 9/24** ( 2006.01 )

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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021202674  
 (21) 2021202674 (22) 29.04.2021  
 (54) GAME WITH CHANCE ELEMENT OR EVENT SIMULATION  
 (51) Int. Cl.  
 A63F 9/24 ( 2006.01 )
- (43) 27.05.2021  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-A-2021202594  
 (21) 2021202594 (22) 27.04.2021  
 (54) Composition for treating IL-6-related diseases  
 (51) Int. Cl.  
 A61K 45/00 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 1/04 ( 2006.01 )  
 A61P 1/16 ( 2006.01 )  
 A61P 3/10 ( 2006.01 )  
 A61P 5/14 ( 2006.01 )  
 A61P 7/06 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
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 A61P 9/12 ( 2006.01 )  
 A61P 11/00 ( 2006.01 )  
 A61P 11/06 ( 2006.01 )  
 A61P 13/12 ( 2006.01 )  
 A61P 15/08 ( 2006.01 )  
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 (21) 2021202614 (22) 28.04.2021  
 (54) Cytotoxicity-inducing therapeutic agent  
 (51) Int. Cl.  
 C12N 15/09 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )
- C07K 16/28 ( 2006.01 )  
 C07K 16/46 ( 2006.01 )  
 C12N 1/15 ( 2006.01 )  
 C12N 1/19 ( 2006.01 )  
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 (74) Spruson & Ferguson
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- (71) Circulogene Theranostics, LLC  
 (11) AU-A-2021202766  
 (21) 2021202766 (22) 03.05.2021  
 (54) METHOD OF PREPARING CELL FREE NUCLEIC ACID MOLECULES BY IN SITU AMPLIFICATION  
 (51) Int. Cl.  
 C12P 19/34 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )  
 C40B 40/06 ( 2006.01 )  
 C40B 50/06 ( 2006.01 )
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 (72) Yeh, Chen-Hsiung,  
 (74) Phillips Ormonde Fitzpatrick
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 (54) CD123-Specific Chimeric Antigen Receptor Redirected T Cells And Methods Of Their Use  
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 A61K 35/14 ( 2015.01 )  
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 (72) Forman, Stephen; Mardiros, Armen  
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 (54) Post Puller  
 (51) Int. Cl.  
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 (72) Chester, Peter Edward  
 (74) MEYER WEST IP PTY LTD
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- (71) ConMed Corporation  
 (11) AU-A-2021202655  
 (21) 2021202655 (22) 28.04.2021  
 (54) Multi-barrel drill guide and anchor deployment assembly  
 (51) Int. Cl.  
 A61B 17/04 ( 2006.01 )  
 A61B 17/17 ( 2006.01 )
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 (72) Thibodeau, Robert A.; Alfonso, Gregory A.; Summitt, Matthew C.; Rofman, Robert A.  
 (74) Griffith Hack
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 (11) AU-A-2021202712  
 (21) 2021202712 (22) 30.04.2021  
 (54) Systems and methods for controlling additive manufacturing  
 (51) Int. Cl.  
 B28B 17/00 ( 2006.01 )  
 B29C 35/08 ( 2006.01 )  
 B29C 41/08 ( 2006.01 )  
 B29C 43/02 ( 2006.01 )  
 B29C 67/06 ( 2017.01 )  
 B29C 70/64 ( 2006.01 )  
 B41J 2/22 ( 2006.01 )
- (43) 27.05.2021  
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 (72) Tyler, Kenneth; Stockett, Ryan; Budge, Trevor; Alfson, Blake L.; Coad, Josiah D.  
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 (54) Surgical staple cartridge  
 (51) Int. Cl.  
 A61B 17/064 ( 2006.01 )  
 A61B 17/072 ( 2006.01 )
- (31) 16/678,381 (32) 08.11.19 (33) US  
 (43) 27.05.2021  
 (72) ESCHBACH, Matthew; CHOWANIEC, Matthew J.; MARINELLI, Johana; KNAPP, Robert  
 (74) Spruson & Ferguson
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- (71) Covidien LP  
 (11) AU-A-2021202809  
 (21) 2021202809 (22) 04.05.2021  
 (54) Robotic surgical assemblies  
 (51) Int. Cl.  
 A61B 34/00 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )
- (43) 27.05.2021  
 (62) 2017272072  
 (72) Zemlok, Michael; Seow, Chi Min; Kapadia, Jaimeen; Macleod, Mark  
 (74) Spruson & Ferguson
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- (71) Croc Hinge Pty Ltd  
 (11) AU-A-2020204433  
 (21) 2020204433 (22) 02.07.2020  
 (54) Accessory bracket for a vehicle roof rack  
 (51) Int. Cl.  
 B60R 9/042 ( 2006.01 )  
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 B60R 9/048 ( 2006.01 )  
 B60R 9/058 ( 2006.01 )
- (31) 2019904265 (32) 12.11.19 (33) AU

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 (72) Wilson, Stephen  
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

(71) CROWN MELBOURNE LIMITED  
 (11) AU-A-2021202783  
 (21) 2021202783 (22) 04.05.2021  
 (54) A CARD GAMING METHOD, SYSTEM AND APPARATUS  
 (51) Int. Cl.  
**A63F 1/00** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015224485  
 (72) Croft, David; Bruce, Daryl  
 (74) Pini IP

(71) CTN Consulting Limited  
 (11) AU-A-2020204429  
 (21) 2020204429 (22) 02.07.2020  
 (54) A PLANT OR TREE PROTECTOR  
 (51) Int. Cl.  
**A01G 13/02** ( 2006.01 )  
 (31) 758835 (32) 07.11.19 (33) NZ  
 (43) 27.05.2021  
 (72) Christensen, Julia Grace; Christensen, Peter Derek  
 (74) James & Wells Intellectual Property

(71) Curtin University  
 (11) AU-A-2021202669  
 (21) 2021202669 (22) 29.04.2021  
 (54) PROCESS FOR SELECTIVE RECOVERY OF CHALCOPHILE GROUP ELEMENTS  
 (51) Int. Cl.  
**C22B 3/16** ( 2006.01 )  
**C22B 3/12** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**C22B 15/14** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016228967  
 (72) EKSTEEN, JACOBUS JOHANNES; ORABY, ELSAYED ABDEL RADY  
 (74) Griffith Hack

(71) Deere & Company  
 (11) AU-A-2021202599  
 (21) 2021202599 (22) 27.04.2021  
 (54) Seed dispersion unit  
 (51) Int. Cl.  
**A01C 7/16** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016222378  
 (72) Borkgren, Stanley R.  
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company  
 (11) AU-A-2021202611  
 (21) 2021202611 (22) 28.04.2021  
 (54) Agricultural vehicle pneumatic distribution system  
 (51) Int. Cl.  
**A01C 7/08** ( 2006.01 )

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 (62) 2016219595  
 (72) Borkgren, Stanley R.  
 (74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership  
 (11) AU-A-2021202613  
 (21) 2021202613 (22) 28.04.2021  
 (54) HEMODIALYSIS SYSTEM  
 (51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018214033  
 (72) Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.; Collins, David E.; Bodwell, Jesse T.; Rudolf, Brett A.; Gustin, Lisa A.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) DEKA Products Limited Partnership  
 (11) AU-A-2021202617  
 (21) 2021202617 (22) 28.04.2021  
 (54) HEMODIALYSIS SYSTEM  
 (51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018214033  
 (72) Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.; Collins, David E.; Bodwell, Jesse T.; Rudolf, Brett A.; Gustin, Lisa A.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) DEKA Products Limited Partnership  
 (11) AU-A-2021202618  
 (21) 2021202618 (22) 28.04.2021  
 (54) HEMODIALYSIS SYSTEM  
 (51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018214033  
 (72) Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.; Collins, David E.; Bodwell, Jesse T.; Rudolf, Brett A.; Gustin, Lisa A.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2021202782  
 (21) 2021202782 (22) 04.05.2021  
 (54) System and method for data analytics and visualization  
 (51) Int. Cl.  
**G16H 15/00** ( 2018.01 )  
 (43) 27.05.2021  
 (62) 2019202094  
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MORE, Shane Philip; BOWMAN, Leif N.  
 (74) FB Rice Pty Ltd

(71) DexCom, Inc.  
 (11) AU-A-2021202670  
 (21) 2021202670 (22) 29.04.2021  
 (54) System and method for educating users, including responding to patterns  
 (51) Int. Cl.  
**G16H 20/60** ( 2018.01 )  
**G16H 20/30** ( 2018.01 )  
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 (72) SIMPSON, Peter C.; BOOCK, Robert J.; DERENZY, David; DUNN, Laura J.; JOHNSON, Matthew Lawrence; KOEHLER, Katerine Yerre; KAMATH, Apurv Ullas; PAL, Andrew Attila; PRICE, David; REIHMAN, Eli; WU, Mark  
 (74) FB Rice Pty Ltd

(71) Disney Enterprises, Inc.  
 (11) AU-A-2020256339  
 (21) 2020256339 (22) 13.10.2020  
 (54) Generating media programs configured for seamless playback  
 (51) Int. Cl.  
**H04N 19/40** ( 2014.01 )  
**H04N 1/41** ( 2006.01 )  
 (31) 16/683,176 (32) 13.11.19 (33) US  
 (43) 27.05.2021  
 (72) Navarre, Katharine S.; Lewis, Jason; Mavromatis, Dionysius; Eivy, Adam; Shah, Sujal  
 (74) FPA Patent Attorneys Pty Ltd

(71) Donald Steven Corenman  
 (11) AU-A-2021202817  
 (21) 2021202817 (22) 04.05.2021  
 (54) Biological disc graft and method for relief of lower back pain and joint pain  
 (51) Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61L 2/07** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015392992  
 (72) Corenman, Donald Steven  
 (74) FB Rice Pty Ltd

(71) Duke University  
 (11) AU-A-2021202778  
 (21) 2021202778 (22) 04.05.2021  
 (54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR TREATING NEUROLOGICAL DISORDERS  
 (51) Int. Cl.  
**A61N 1/00** ( 2006.01 )  
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 (62) 2019205970  
 (72) GRILL, Warren M; BROCKER, David T; BIRDNO, Merrill, J  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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(71) Eaton Intelligent Power Limited  
 (11) AU-A-2020264348  
 (21) 2020264348 (22) 05.11.2020  
 (54) CABLE TRAY HOLD-DOWN  
 (51) Int. Cl.  
*H02G 3/32* ( 2006.01 )  
*F16B 5/02* ( 2006.01 )  
 (31) 62/932,325 (32) 07.11.19 (33) US  
 (43) 27.05.2021  
 (72) BROOKS, David Charles; COMBES, Matthew Thomas; JOHNSON, Jacob Lee; PETRY Jr., David Henry  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Edrington Distillers Limited  
 (11) AU-A-2021202727  
 (21) 2021202727 (22) 30.04.2021  
 (54) Flavor Infused Alcoholic Beverage And Method Of Making The Same  
 (51) Int. Cl.  
*C12G 3/07* ( 2006.01 )  
*C12G 3/06* ( 2006.01 )  
*C12H 1/00* ( 2006.01 )  
*C12H 1/052* ( 2006.01 )  
*C12H 1/16* ( 2006.01 )  
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 (62) 2016364720  
 (72) HALL, Douglas B.; GIRGASH, Joseph M.; FORSEE, Bruce; BEAUPRE, James J.  
 (74) WRAYS PTY LTD

(71) Eli Lilly and Company  
 (11) AU-A-2021202523  
 (21) 2021202523 (22) 23.04.2021  
 (54) Closed loop control of physiological glucose  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G05B 13/04* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018261124  
 (72) HAIDAR, Ahmad Mohamad  
 (74) Spruson & Ferguson

(71) EM KOREA CO.,LTD  
 (11) AU-A-2020256310  
 (21) 2020256310 (22) 12.10.2020  
 (54) MODULE TYPE NITROGEN GENERATING APPARATUS FOR TOPSIDE OF OFFSHORE PLANT  
 (51) Int. Cl.  
*F25J 1/00* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
 (31) 10-2019-0143103 (32) 11.11.19 (33) KR  
 (43) 27.05.2021  
 (72) KANG, Shinhyun; HEO, Jongman; KIM, Jeongsik; KIM, Kyungtae; Jo, Deugwon; KIM, Daeuk; HWANG, Hyeongseob  
 (74) Wallington-Dummer

(71) eMoMo Technology Co., Ltd.  
 (11) AU-A-2020256338

(21) 2020256338 (22) 13.10.2020  
 (54) MOBILE DEVICE SUPPORT BASE INCLUDING POWER INTERFACES  
 (51) Int. Cl.  
*H01R 9/22* ( 2006.01 )  
*H05K 5/02* ( 2006.01 )  
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 (43) 27.05.2021  
 (72) ZHOU, Wei; CHEN, Jingzhi; TANG, Wenji; HU, Dasheng; LU, Qishuang; YANG, Shunde  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) eMoMo Technology Co., Ltd.  
 (11) AU-A-2020257152  
 (21) 2020257152 (22) 23.10.2020  
 (54) READING LAMP  
 (51) Int. Cl.  
*F21V 21/002* ( 2006.01 )  
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 (43) 27.05.2021  
 (72) ZHOU, Wei; CHEN, Jingzhi; TANG, Wenji; HU, Dasheng; LU, Qishuang; YANG, Shunde  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Evogene Ltd.  
 (11) AU-A-2021202753  
 (21) 2021202753 (22) 03.05.2021  
 (54) Isolated polynucleotides and polypeptides and methods of using same for increasing plant yield, biomass, growth rate, vigor, oil content, abiotic stress tolerance of plants and nitrogen use efficiency  
 (51) Int. Cl.  
*A01H 5/00* ( 2018.01 )  
 (43) 27.05.2021  
 (62) 2018253496  
 (72) Matarasso, Noa; Emmanuel, Eyal; Panik, David; Dangoor, Inbal Nurith; Karchi, Hagai  
 (74) Spruson & Ferguson

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2021202567  
 (21) 2021202567 (22) 27.04.2021  
 (54) INTERFACE COMPRISING A NASAL SEALING PORTION  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019246935  
 (72) BEARNE, Peter David Alexander; PATEL, Roheet; MIDDELKOOP, Kristin Elizabeth; COX, Michael John Henri; MASHAL, Fadi; OLSEN, Gregory James; MASON, Isaac Tristram Tane; STEPHENSON, Matthew Roger  
 (74) AJ PARK

(71) Flexco (Aust) Pty. Ltd.  
 (11) AU-A-2021202695  
 (21) 2021202695 (22) 30.04.2021  
 (54) A conveyor belt cleaner pole  
 (51) Int. Cl.  
*B65G 45/12* ( 2006.01 )  
*B65G 45/16* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019201949  
 (72) Olwagen, Jan Adrian Johannes  
 (74) Spruson & Ferguson

(71) Flyingtee Tech, LLC.  
 (11) AU-A-2021202781  
 (21) 2021202781 (22) 04.05.2021  
 (54) Multiple sensor tracking system and method  
 (51) Int. Cl.  
*A63B 69/36* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2014405613  
 (72) Vollbrecht, James; Vollbrecht, John; Tawwater, Ryan  
 (74) MINTER ELLISON

(71) FUJIFILM Business Innovation Corp.  
 (11) AU-A-2020202720  
 (21) 2020202720 (22) 23.04.2020  
 (54) Information processing apparatus, information processing program, and three-dimensional modeling system  
 (51) Int. Cl.  
*G06T 17/00* ( 2006.01 )  
*B29C 64/00* ( 2017.01 )  
 (31) 2019-203456 (32) 08.11.19 (33) JP  
 (43) 27.05.2021  
 (72) Isobe, Kimihiko  
 (74) Shelston IP Pty Ltd.

(71) FUJIFILM Business Innovation Corp.  
 (11) AU-A-2020202748  
 (21) 2020202748 (22) 24.04.2020  
 (54) Information processing apparatus, information processing program, and three-dimensional modeling system  
 (51) Int. Cl.  
*G06T 17/00* ( 2006.01 )  
*B29C 67/00* ( 2017.01 )  
 (31) 2019-205692 (32) 13.11.19 (33) JP  
 (43) 27.05.2021  
 (72) Isobe, Kimihiko  
 (74) Shelston IP Pty Ltd.

(71) Fusion Holdings Ltd  
 (11) AU-A-2020264310  
 (21) 2020264310 (22) 04.11.2020  
 (54) SYSTEMS AND METHODS FOR PREDICTING ASPECTS OF AN UNKNOWN EVENT  
 (51) Int. Cl.  
*G06F 17/18* ( 2006.01 )  
 (31) 1916286.6 (32) 08.11.19 (33) GB  
 (43) 27.05.2021  
 (72) PILLAY, Rodney; JUNGBAHADUR, Sidesh  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(71) Globaltech Corporation Pty Ltd  
 (11) AU-A-2021202726  
 (21) 2021202726 (22) 30.04.2021  
 (54) Improvements to downhole surveying and core sample orientation systems, devices and methods  
 (51) Int. Cl.  
*E21B 25/16* ( 2006.01 )  
*E21B 47/02* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016240404  
 (72) Hejleh, Khaled Mufid Yousef  
 (74) Griffith Hack

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(71) Google LLC  
 (11) AU-A-2021202715  
 (21) 2021202715 (22) 30.04.2021  
 (54) UTILITY PORTALS FOR MANAGING DEMAND-RESPONSE EVENTS  
 (51) Int. Cl.  
*G06F 1/26* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019201286  
 (72) FADELL, Anthony M.; ROGERS, Matthew Lee; SLOO, David; McGARAGHAN, Scott A.; KORTZ, Samuel Ward; MATSUOKA, Yoky  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(71) Guangzhou Eachmax Technology Co., Ltd.  
 (11) AU-A-2020264361  
 (21) 2020264361 (22) 05.11.2020  
 (54) PAID INTERACTION METHOD AND SYSTEM FOR PRECISE SEARCH, TERMINAL AND STORAGE MEDIUM  
 (51) Int. Cl.  
*G06Q 30/02* ( 2012.01 )  
 (31) 201911111170.6 (32) 13.11.19 (33) CN  
 (43) 27.05.2021  
 (72) Tang, Xiwei  
 (74) Madderns Pty Ltd

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(71) HANKOOK TIRE & TECHNOLOGY CO., LTD  
 (11) AU-A-2020267241  
 (21) 2020267241 (22) 12.11.2020  
 (54) TIRE WITH NOISE-REDUCING MAIN GROOVES  
 (51) Int. Cl.  
*B60C 11/04* ( 2006.01 )  
 (31) 10-2019-0143901 (32) 12.11.19 (33) KR  
 (43) 27.05.2021  
 (72) Kim, Il Sik; Kwak, Seung Ju; Son, Su Jin; Kim, Ki Bum; Lee, Seung Hwan  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) HANKOOK TIRE & TECHNOLOGY CO., LTD  
 (11) AU-A-2020267251  
 (21) 2020267251 (22) 12.11.2020  
 (54) TIRES WITH RESONATORS FOR NOISE REDUCTION

(51) Int. Cl.  
*B60C 19/00* ( 2006.01 )  
 (31) 10-2019-0143894 (32) 12.11.19 (33) KR  
 (43) 27.05.2021  
 (72) Kim, Il Sik; Cho, Jeong Eun; Son, Su Jin; Jung, Kang Il; Hong, Chang Hyo; Ihm, Jae Wook  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) Hardy, M.; Cackowski, S.; Kane, T.  
 (11) AU-A-2021202606  
 (21) 2021202606 (22) 27.04.2021  
 (54) Apparatus and method for collection disposal of cleaning waste-water and debris from air conditioners  
 (51) Int. Cl.  
*B08B 17/02* ( 2006.01 )  
*F24F 1/0007* ( 2019.01 )  
*F24F 8/90* ( 2021.01 )  
*F28G 9/00* ( 2006.01 )  
*F28G 15/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016252122  
 (72) Hardy, Michael; Cackowski, Scott C.; Kane, Timothy  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) Healthy Pulse  
 (11) AU-A-2021202566  
 (21) 2021202566 (22) 27.04.2021  
 (54) UVC decontamination and detoxification device  
 (51) Int. Cl.  
*A61L 2/10* ( 2006.01 )  
*A61L 9/20* ( 2006.01 )  
*H01J 61/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019203020  
 (72) Safraoui, Georges  
 (74) AJ PARK

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(71) Heraeus Medical GmbH  
 (11) AU-A-2020244438  
 (21) 2020244438 (22) 29.09.2020  
 (54) Compressed-gas motor, surgical drive system and method for operating a compressed-gas motor  
 (51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
*A61B 17/14* ( 2006.01 )  
*F04B 7/02* ( 2006.01 )  
*F04B 9/123* ( 2006.01 )  
 (31) 19208962.1 (32) 13.11.19 (33) EP  
 (43) 27.05.2021  
 (72) Vogt, Sebastian; Kluge, Thomas  
 (74) Spruson & Ferguson

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(71) Hewlett-Packard Development Company, L.P.  
 (11) AU-A-2021202733  
 (21) 2021202733 (22) 30.04.2021  
 (54) Replaceable item authentication  
 (51) Int. Cl.  
*B41J 29/00* ( 2006.01 )

(43) 27.05.2021  
 (62) 2020202759  
 (72) PANSHIN, Stephen D.; WARD, Jefferson P.; NESS, Erik D.  
 (74) FB Rice Pty Ltd

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(71) HOOKIPA Biotech GmbH  
 (11) AU-A-2021202541  
 (21) 2021202541 (22) 26.04.2021  
 (54) CMV vaccines  
 (51) Int. Cl.  
*C12N 15/86* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 39/245* ( 2006.01 )  
 (43) 27.05.2021  
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 (72) Orlinger, Klaus; Lingnau, Karen; Monath, Thomas; Guirakhoo, Farshad; Fuhrmann, Gerhard; Cohen, Katherine; Baumgartl-Strasser, Vera; Aspöck, Andreas; Kainer, Manuela; Brim, Bernhard; Kieffmann, Bettina; Watson, Elizabeth; Aistleithner, Mario; Bayer, Katharina; Muhlbacher, Elsa  
 (74) Spruson & Ferguson

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(71) Hoyle, C.  
 (11) AU-A-2020267156  
 (21) 2020267156 (22) 09.11.2020  
 (54) A Separator  
 (51) Int. Cl.  
*B01D 17/032* ( 2006.01 )  
*B01D 17/028* ( 2006.01 )  
 (31) S2019/0190 (32) 13.11.19 (33) IE  
 (43) 27.05.2021  
 (72) Hoyle, Christian  
 (74) WRAYS PTY LTD

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(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2021202560  
 (21) 2021202560 (22) 26.04.2021  
 (54) APPLICATION STARTUP CONTROL METHOD AND CONTROL DEVICE  
 (51) Int. Cl.  
*G06F 9/445* ( 2018.01 )  
 (43) 27.05.2021  
 (62) 2017347578  
 (72) Hu, Huifeng; Li, Jiechun; Su, Xiaodong  
 (74) Phillips Ormonde Fitzpatrick

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(71) Humantics Corporation  
 (11) AU-A-2021202785  
 (21) 2021202785 (22) 04.05.2021  
 (54) Radio-frequency localization techniques and associated systems, devices, and methods  
 (51) Int. Cl.  
*H01Q 1/44* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016371057  
 (72) Charvat, Gregory L.; Lee, Thomas H.; Mindell, David A.  
 (74) Davies Collison Cave Pty Ltd

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(71) Huwais IP Holding LLC  
 (11) AU-A-2021202746

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 (54) Autografting tool with enhanced flute profile and methods of use  
 (51) Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61C 3/02** ( 2006.01 )  
**B23B 51/02** ( 2006.01 )
- (43) 27.05.2021  
 (62) 2017207510  
 (72) Huwais, Salah  
 (74) Shelston IP Pty Ltd.
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- (71) Icahn School of Medicine at Mount Sinai; King's College London  
 (11) AU-A-2021202538  
 (21) 2021202538 (22) 26.04.2021  
 (54) Adeno-associated virus vector  
 (51) Int. Cl.  
**C12N 15/861** ( 2006.01 )
- (43) 27.05.2021  
 (62) 2015216847  
 (72) LINDEN, Ralph Michael  
 (74) Davies Collison Cave Pty Ltd
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- (71) ICM Airport Technics Australia Pty Ltd  
 (11) AU-A-2019272041  
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 (54) DEVICE WITH BIOMETRIC SYSTEM  
 (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06K 9/03** ( 2006.01 )  
**G06K 9/32** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**G06K 9/68** ( 2006.01 )  
**G06Q 50/26** ( 2012.01 )  
**G06Q 50/30** ( 2012.01 )  
**G06T 7/11** ( 2017.01 )
- (31) 2019904246 (32) 11.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Landgrebe, Thomas Christopher  
 Wolfgang; Merritt, Joshua James Maxwell; Dinkelmann, Rainer  
 (74) Griffith Hack
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- (71) ICU Medical, Inc.  
 (11) AU-A-2021202662  
 (21) 2021202662 (22) 29.04.2021  
 (54) Vial adaptors and vials for regulating pressure  
 (51) Int. Cl.  
**A61J 1/00** ( 2006.01 )
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 (74) Davies Collison Cave Pty Ltd
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- (71) Illumina, Inc.  
 (11) AU-A-2021202677  
 (21) 2021202677 (22) 29.04.2021  
 (54) Kinetic Exclusion Amplification Of Nucleic Acid Libraries  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**G01N 27/447** ( 2006.01 )
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 (62) 2017328129  
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 (74) Spruson & Ferguson
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- (71) Intrexon ActoBiotics N.V.  
 (11) AU-A-2021202595  
 (21) 2021202595 (22) 27.04.2021  
 (54) Mucoadhesive microorganism  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )
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 (62) 2017328129  
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- (71) Intrexon ActoBiotics N.V.  
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 (21) 2021202600 (22) 27.04.2021
- (43) 27.05.2021  
 (62) 2017269860  
 (72) Mahr, Andrea; Weinschenk, Toni; Wiebe, Anita; Schoor, Oliver; Fritsche, Jens; Singh, Harpreet  
 (74) Phillips Ormonde Fitzpatrick
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- (71) INCYTE CORPORATION  
 (11) AU-A-2021202685  
 (21) 2021202685 (22) 29.04.2021  
 (54) BIPYRAZOLE DERIVATIVES AS JAK INHIBITORS  
 (51) Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )
- (43) 27.05.2021  
 (62) 2020202000  
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 (74) Houlihan<sup>2</sup> Pty Ltd
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 (21) 2021202612
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 (51) Int. Cl.  
**A61K 35/744** ( 2015.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12R 1/01** ( 2006.01 )
- (43) 27.05.2021  
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 (72) Rottiers, Pieter; Steidler, Lothar  
 (74) Spruson & Ferguson
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- (71) INX Software Pty Ltd  
 (11) AU-A-2021202529  
 (21) 2021202529 (22) 23.04.2021  
 (54) Rostered Travel Flight Booking Method  
 (51) Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**G06Q 50/00** ( 2012.01 )
- (43) 27.05.2021  
 (62) 2015318829  
 (72) Back, Garry Robert; De Vos, Vaughan Gerard  
 (74) Griffith Hack
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- (71) Ionis Pharmaceuticals, Inc.  
 (11) AU-A-2021202684  
 (21) 2021202684 (22) 29.04.2021  
 (54) Modulation of angiopoietin-like 3 expression  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )
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 (62) 2014369900  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) IsoLynx, LLC  
 (11) AU-A-2021202631  
 (21) 2021202631 (22) 28.04.2021  
 (54) SYSTEM AND METHOD FOR OBJECT TRACKING ANTI-JITTER FILTERING  
 (51) Int. Cl.  
**G06T 19/20** ( 2011.01 )
- (43) 27.05.2021  
 (62) 2019210645  
 (72) DEANGELIS, Douglas J.; REILLY, Gerard M.; SIGEL, Kirk M.; EVANSEN, Edward G.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) ISRAEL WEAPON INDUSTRIES (I.W.I) LTD.  
 (11) AU-A-2020267163  
 (21) 2020267163 (22) 09.11.2020  
 (54) Firearm with automatic target acquiring and shooting  
 (51) Int. Cl.  
**F41A 17/08** ( 2006.01 )

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**F41A 19/59** ( 2006.01 )  
**(31)** 270559 **(32)** 11.11.19 **(33)** IL  
**(43)** 27.05.2021  
**(72)** HERSKOWITZ, Gil; SOBOL, Aviram;  
 SHNEORSON, Zeev  
**(74)** Griffith Hack

**Ives-Halperin, K. see Cernoch, D.**  
**(21)** 2021202615

**(71)** JANSON'S CONCRETE & HAULAGE  
 PROPRIETARY LIMITED  
**(11)** AU-A-2019264581  
**(21)** 2019264581 **(22)** 13.11.2019  
**(54)** Forward Unloading Aggregate Spread-  
 er  
**(51)** Int. Cl.  
**B60P 1/36** ( 2006.01 )  
**B60P 1/56** ( 2006.01 )  
**B65G 65/42** ( 2006.01 )  
**B65G 67/02** ( 2006.01 )  
**B65G 67/24** ( 2006.01 )  
**B65G 69/04** ( 2006.01 )  
**E01C 19/00** ( 2006.01 )  
**E01C 19/20** ( 2006.01 )  
**(43)** 27.05.2021  
**(72)** Janson, Jarrod  
**(74)** Baxter Patent Attorneys Pty Ltd

**Jihany Pty Ltd see Waste Diamond Solu-  
 tions Pty Ltd**  
**(21)** 2021202520

**(71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2021202557  
**(21)** 2021202557 **(22)** 26.04.2021  
**(54)** Sunscreen composition  
**(51)** Int. Cl.  
**A61Q 17/04** ( 2006.01 )  
**A61K 8/19** ( 2006.01 )  
**A61K 8/29** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016202321  
**(72)** Blachechen, Tatiana; Dantas, Paula S.  
 O.; Lorenzetti, Danielle; Nogueira, Lu-  
 ciano M.; Zanatta, Cinthia  
**(74)** Shelston IP Pty Ltd.

**(71)** JT International SA  
**(11)** AU-A-2021202697  
**(21)** 2021202697 **(22)** 30.04.2021  
**(54)** Electronic vapour inhalers  
**(51)** Int. Cl.  
**A24F 47/00** ( 2020.01 )  
**(43)** 27.05.2021  
**(62)** 2019240608  
**(72)** Gill, Mark; Vanko, Daniel; Brvenik, Lub-  
 os  
**(74)** Shelston IP Pty Ltd.

**(71)** K2M, Inc.  
**(11)** AU-A-2020264377

**(21)** 2020264377 **(22)** 06.11.2020  
**(54)** ANTERIOR TETHER TENSIONER  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**(31)** 62/932,894 **(32)** 08.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** Kunes, Brian; Hollins, Stacy;  
 Blakemore, Laurel; Hsu, Brian; Fer-  
 guson, John  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Kando Innovation Limited  
**(11)** AU-A-2021202534  
**(21)** 2021202534 **(22)** 23.04.2021  
**(54)** PRODUCTIVITY ENHANCEMENT  
 FOR BAND SAW  
**(51)** Int. Cl.  
**B26D 7/24** ( 2006.01 )  
**B27B 13/14** ( 2006.01 )  
**F16P 3/14** ( 2006.01 )  
**H04N 9/64** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2019204736  
**(72)** Blenkinsopp, Keith; Wrigley, Jonathan  
 Tee; Wickham, Winston Duang; Oxley,  
 Donald  
**(74)** Acacia Law

**Kane, T. see Hardy, M.**  
**(21)** 2021202606

**(71)** Karsten Manufacturing Corporation  
**(11)** AU-A-2021202592  
**(21)** 2021202592 **(22)** 27.04.2021  
**(54)** Dual axle skateboard, truck, and meth-  
 od  
**(51)** Int. Cl.  
**A63C 17/01** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2015318149  
**(72)** Marusiak, John R.; Solheim, John A.;  
 Cole, Eric V.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** KIM, H.  
**(11)** AU-A-2019275611  
**(21)** 2019275611 **(22)** 05.12.2019  
**(54)** SUPERDIRECTIVE SPEAKER  
**(51)** Int. Cl.  
**H04R 5/02** ( 2006.01 )  
**H04R 1/32** ( 2006.01 )  
**(31)** 2019-0142600 **(32)** 08.11.19 **(33)** KR  
**(43)** 27.05.2021  
**(72)** KIM, Hyun Chul  
**(74)** Baxter Patent Attorneys Pty Ltd

**King's College London see Icahn School  
 of Medicine at Mount Sinai**  
**(21)** 2021202538

**(71)** KONE CORPORATION  
**(11)** AU-A-2020267146  
**(21)** 2020267146 **(22)** 09.11.2020  
**(54)** AN ELEVATOR PARKING BRAKE, A  
 METHOD FOR OPERATING AN ELEV-

ATOR SYSTEM AND AN ELEVATOR  
 SYSTEM  
**(51)** Int. Cl.  
**B66B 1/32** ( 2006.01 )  
**B66B 5/02** ( 2006.01 )  
**(31)** 19208552.0 **(32)** 12.11.19 **(33)** EP  
**(43)** 27.05.2021  
**(72)** Koshkinen, Antti; Hartikainen, Petri;  
 Hallikainen, Pekka; Salomäki, Janne;  
 Saarelainen, Antti; Wenlin, Henri; Jokin-  
 en, Risto; Vlasov, Timo; Puranen,  
 Mikko; Putkinen, Esa; Laaksonheimo,  
 Jyrki; Stolt, Lauri; Kauppinen, Tuukka;  
 Saloranta, Jarkko; Hämäläinen, Hilikka;  
 Saarela, Sami  
**(74)** Collison & Co

**(71)** KURIN, INC.  
**(11)** AU-A-2021202622  
**(21)** 2021202622 **(22)** 28.04.2021  
**(54)** Blood sample optimization system and  
 blood contaminant sequestration device  
 and method  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/153** ( 2006.01 )  
**A61B 5/154** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016297849  
**(72)** ROGERS, Bobby; KANG, Gino;  
 DETLOFF, John  
**(74)** Griffith Hack

**(71)** LADANYI, R.  
**(11)** AU-A-2021202553  
**(21)** 2021202553 **(22)** 26.04.2021  
**(54)** Method and System for 3D Printer with  
 Improved Performance and 3D Printer  
 Employing Same  
**(51)** Int. Cl.  
**B29C 64/118** ( 2017.01 )  
**B29C 64/343** ( 2017.01 )  
**B33Y 30/00** ( 2015.01 )  
**B33Y 40/00** ( 2020.01 )  
**(43)** 27.05.2021  
**(62)** 2015354352  
**(72)** LADANYI, Robert  
**(74)** A.P.T. Patent and Trade Mark Attor-  
 neys

**(71)** LG ELECTRONICS INC.  
**(11)** AU-A-2020267236  
**(21)** 2020267236 **(22)** 12.11.2020  
**(54)** FLOW PATH CONVERSION PUMP  
**(51)** Int. Cl.  
**D06F 17/02** ( 2006.01 )  
**F04B 43/02** ( 2006.01 )  
**F04B 43/04** ( 2006.01 )  
**F04B 43/14** ( 2006.01 )  
**(31)** 10-2019-0144269 **(32)** 12.11.19 **(33)** KR  
 10-2020-0002228 07.01.20 KR  
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**(43)** 27.05.2021  
**(72)** WON, Kwangjae; BAN, Seokhyun;  
 PYO, Joonho; JUNG, Dohyun  
**(74)** Dentons Patent Attorneys Australasia  
 Limited

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 (11) AU-A-2020267293  
 (21) 2020267293 (22) 13.11.2020  
 (54) REFRIGERATOR  
 (51) Int. Cl.  
*F25D 29/00* ( 2006.01 )  
*F25D 11/00* ( 2006.01 )  
*F25D 23/02* ( 2006.01 )  
*G01S 17/66* ( 2006.01 )
- (31) 10-2019-0145458 (32) 13.11.19 (33) KR  
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- (43) 27.05.2021  
 (72) PARK, Ki hyun; KIM, Gi young; OH, Seung-Jin; YANG, Chang Woan; KANG, Jeong wook; KANG, Deok Eun  
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LifeCell Corporation  
 (11) AU-A-2021202415  
 (21) 2021202415 (22) 21.04.2021  
 (54) Tissue matrices for plastic surgery  
 (51) Int. Cl.  
*A61F 2/12* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2016265286  
 (72) Wang, Kai-Roy; Park, Sangwook; Barere, Aaron  
 (74) Shelston IP Pty Ltd.
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- (71) LIFETIME PRODUCTS, INC.  
 (11) AU-A-2021202627  
 (21) 2021202627 (22) 28.04.2021  
 (54) Cooking device having heat sources in a stacked arrangement  
 (51) Int. Cl.  
*A47J 37/00* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2019280574  
 (72) HANCOCK, Jeffery D.; SCHENCK, Christopher N.  
 (74) Griffith Hack
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- (71) Loma Vista Medical, Inc.  
 (11) AU-A-2021202730  
 (21) 2021202730 (22) 30.04.2021  
 (54) Inflatable medical devices  
 (51) Int. Cl.  
*A61M 29/00* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2018247223  
 (72) Tilson, Alexander Q; Dreyer, Paul J; Barham, Mitchell C; Scheeff, Mark C; Love, Charles S; Gomes, Garrett J; Kurniawan, Jonathan  
 (74) Griffith Hack
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- (71) Madrigal Pharmaceuticals, Inc.  
 (11) AU-A-2021202647  
 (21) 2021202647 (22) 28.04.2021  
 (54) Targeted Therapeutics  
 (51) Int. Cl.  
*C07K 7/04* ( 2006.01 )
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 (62) 2019226169  
 (72) Chimmnamada, Dinesh U.; Ying, Weiwewen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Magic Leap, Inc.  
 (11) AU-A-2021202585  
 (21) 2021202585 (22) 27.04.2021  
 (54) Multi-focal display system and method  
 (51) Int. Cl.  
*G02B 26/10* ( 2006.01 )  
*G06T 15/20* ( 2011.01 )  
*G06T 19/00* ( 2011.01 )
- (43) 27.05.2021  
 (62) 2019280001  
 (72) Cheng, Hui-Chuan  
 (74) Davies Collison Cave Pty Ltd
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- (71) Manna, F.  
 (11) AU-A-2019253823  
 (21) 2019253823 (22) 23.10.2019  
 (54) Pink Post Australia Safety Picket is a star picket with integrated anti-impalement cap that is affixed and welded. The pink post is coloured in bright fluorescent fuchsia for visibility.  
 (51) Int. Cl.  
*E04H 17/20* ( 2006.01 )  
*E04H 17/00* ( 2006.01 )
- (43) 27.05.2021  
 (72) Manna, Francesco  
 (74) BODYWATER PTY LTD
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- (71) Maxeon Solar Pte. Ltd.  
 (11) AU-A-2020202050  
 (21) 2020202050 (22) 23.03.2020  
 (54) Hybrid dense solar cells and interconnects for solar modules and related methods of manufacture  
 (51) Int. Cl.  
*H02S 40/36* ( 2014.01 )  
*H01L 31/043* ( 2014.01 )
- (31) 16/682,867 (32) 13.11.19 (33) US  
 (43) 27.05.2021  
 (72) LIN, Yafu  
 (74) In-Legal Limited
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- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-A-2021202780  
 (21) 2021202780 (22) 04.05.2021  
 (54) MACROPINOCYTOSIS IN CANCER  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*C07K 14/76* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2016260317  
 (72) Thompson, Craig B.; Palm, Wilhelm  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) MILWAUKEE ELECTRIC TOOL CORPORATION  
 (11) AU-A-2021202530  
 (21) 2021202530 (22) 23.04.2021  
 (54) Power tool and method for wireless communication  
 (51) Int. Cl.  
*B23B 45/02* ( 2006.01 )  
*B25B 5/00* ( 2006.01 )  
*B25B 21/00* ( 2006.01 )  
*G05B 19/18* ( 2006.01 )  
*H04W 88/10* ( 2009.01 )
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 (62) 2019204009  
 (72) STAMPFL, Burtrom Lee; MERGENER, Matthew J.; HUBER, Alex; ROSSETTO, Paul; CONRAD, Cole A.; MATSON, Stephen; FISCHER, Scott R.; KUBALE, Mark A.; COULIS, Christian  
 (74) Griffith Hack
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- (71) ModernaTX, Inc.  
 (11) AU-A-2021202758  
 (21) 2021202758 (22) 03.05.2021  
 (54) Terminally modified RNA  
 (51) Int. Cl.  
*A61K 31/7088* ( 2006.01 )  
*A61K 31/7115* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )  
*C12N 15/87* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2019203876  
 (72) CHAKRABORTY, Tirtha; BANCEL, Stephane; HOGE, Stephen G.; ROY, Atanu; DE FOUGEROLLES, Antonin; AFEYAN, Noubar B.  
 (74) Griffith Hack
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- (71) Momenta Pharmaceuticals, Inc.  
 (11) AU-A-2021202578  
 (21) 2021202578 (22) 27.04.2021  
 (54) Compositions and methods related to engineered Fc constructs  
 (51) Int. Cl.  
*C07K 19/00* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2015252866  
 (72) BOSQUES, Carlos J.; HUSTON, James S.; LANSING, Jonathan C.; LING, Leona E.; MEADOR, James; ORTIZ, Daniel; RUTITZKY, Laura; SCHULTES, Birgit C.  
 (74) Davies Collison Cave Pty Ltd
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- (71) Monitra Healthcare Private Limited  
 (11) AU-A-2021202721  
 (21) 2021202721 (22) 30.04.2021  
 (54) WIRELESS CARDIAC MONITORING DEVICE AND METHOD TO MEASURE AND TRANSMIT CARDIAC PHYSIOLOGICAL SIGNALS  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )
- (43) 27.05.2021  
 (62) 2019201215  
 (72) Bhogu, Ravi  
 (74) Michael Buck IP

Applications Open to Public Inspection - Name Index cont'd

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(71) Nanobiotix  
 (11) AU-A-2021202582  
 (21) 2021202582 (22) 27.04.2021  
 (54) Nanoparticles for use as a therapeutic vaccine  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 9/51** ( 2006.01 )  
     **A61K 33/24** ( 2019.01 )  
     **A61N 5/10** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016269146  
 (72) Marill, Julie; Pottier, Agnes; Levy, Laurent  
 (74) Davies Collison Cave Pty Ltd

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(71) Nantong University  
 (11) AU-A-2020286320  
 (21) 2020286320 (22) 03.06.2020  
 (54) Multi-granularity spark super trust fuzzy method applied to large-scale brain medical record segmentation  
 (51) Int. Cl.  
     **G16H 10/60** ( 2018.01 )  
 (31) 201911030948.0 (32) 28.10.19 (33) CN  
 (43) 27.05.2021  
 (72) DING, Weiping; DING, Jialu; WANG, Jiehua; HU, Bin; CHEN, Senbo; WAN, Jie; ZHAO, Lili; SUN, Ying; FENG, Zhihao; LI, Ming; REN, Longjie; DING, Shuairong  
 (74) Madderns Pty Ltd

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(71) Neutrik AG  
 (11) AU-A-2020260521  
 (21) 2020260521 (22) 30.10.2020  
 (54) Chassis connector  
 (51) Int. Cl.  
     **H01R 24/64** ( 2011.01 )  
     **H01R 13/641** ( 2006.01 )  
 (31) A50959/2019 (32) 11.11.19 (33) AT  
 (43) 27.05.2021  
 (72) OLIVER, Dobler  
 (74) FB Rice Pty Ltd

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(71) Nevro Corporation  
 (11) AU-A-2021202659  
 (21) 2021202659 (22) 29.04.2021  
 (54) MOLDED HEADERS FOR IMPLANTABLE SIGNAL GENERATORS, AND ASSOCIATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
     **A61N 1/36** ( 2006.01 )  
     **A61N 1/375** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018260956  
 (72) Sharma, Vivek; Parker, Jon; Chitre, Yougandh; Walker, Andre B.  
 (74) RnB IP Pty Ltd

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(71) New York Air Brake, LLC  
 (11) AU-A-2021202707  
 (21) 2021202707 (22) 30.04.2021  
 (54) Rail car predictive maintenance system

(51) Int. Cl.  
     **G06Q 10/00** ( 2012.01 )  
 (43) 27.05.2021  
 (62) 2017401817  
 (72) Wait, Keith Wesley; Howard, Bradley  
 (74) Griffith Hack

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(71) Ningbo Casualway Leisure Products Co., Ltd.  
 (11) AU-A-2021202593  
 (21) 2021202593 (22) 27.04.2021  
 (54) A canopy frame for alleviating standing water  
 (51) Int. Cl.  
     **E04H 15/34** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2017101017  
 (72) Wu, Guoxiang  
 (74) Shelston IP Pty Ltd.

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(71) Norotos, Inc.  
 (11) AU-A-2020256459  
 (21) 2020256459 (22) 19.10.2020  
 (54) Adjustable night vision goggle adapter  
 (51) Int. Cl.  
     **G02B 23/12** ( 2006.01 )  
     **A42B 3/04** ( 2006.01 )  
 (31) 16/683,182 (32) 13.11.19 (33) US  
 (43) 27.05.2021  
 (72) SOTO, Ronald R.; PRENDERGAST, Jonathon R.  
 (74) FB Rice Pty Ltd

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(71) Northrop Grumman Systems Corporation  
 (11) AU-A-2021202745  
 (21) 2021202745 (22) 03.05.2021  
 (54) AREA DENIAL COMMUNICATION LATENCY COMPENSATION  
 (51) Int. Cl.  
     **F41H 11/00** ( 2006.01 )  
     **F41A 17/08** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019257442  
 (72) Balk, Michael J.; Linde, Larry G.  
 (74) Phoenix Intellectual Property

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(71) Nuritas Limited  
 (11) AU-A-2021202759  
 (21) 2021202759 (22) 03.05.2021  
 (54) PEPTIDES FOR USE IN PROMOTING TRANSPORT OF GLUCOSE  
 (51) Int. Cl.  
     **C07K 7/04** ( 2006.01 )  
     **A61K 8/64** ( 2006.01 )  
     **A61K 38/04** ( 2006.01 )  
     **A61P 21/00** ( 2006.01 )  
     **C07K 14/415** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016293136  
 (72) Khaldi, Nora; Lopez, Cyril  
 (74) Madderns Pty Ltd

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(71) NuVasive, Inc.  
 (11) AU-A-2021202558  
 (21) 2021202558 (22) 26.04.2021

(54) IMAGING SYSTEM AND METHOD FOR USE IN SURGICAL AND INTERVENTIONAL MEDICAL PROCEDURES  
 (51) Int. Cl.  
     **G06K 9/00** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2020202963  
 (72) Isaacs, Robert E.; Johnston, Samuel Morris  
 (74) Phillips Ormonde Fitzpatrick

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(71) Ocular Pty Ltd  
 (11) AU-A-2021201397  
 (21) 2021201397 (22) 03.03.2021  
 (54) DISPLAY SIGNS  
 (51) Int. Cl.  
     **G09F 9/33** ( 2006.01 )  
     **G09F 15/00** ( 2006.01 )  
     **G09F 7/18** ( 2006.01 )  
 (31) 2019904194 (32) 07.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Tomassi, Alby; Roff-Smith, Peter  
 (74) Mills Oakley

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(71) OMEGAQUANT ANALYTICS, LLC  
 (11) AU-A-2019275602  
 (21) 2019275602 (22) 04.12.2019  
 (54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSAHEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH  
 (51) Int. Cl.  
     **G01N 33/49** ( 2006.01 )  
     **G01N 33/80** ( 2006.01 )  
     **G01N 33/92** ( 2006.01 )  
 (43) 27.05.2021  
 (72) JACKSON, Kristina Harris  
 (74) Baxter Patent Attorneys Pty Ltd

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OPIE, N.L. see Oxley, T.  
 (21) 2020267158

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(71) Oticon Medical A/S  
 (11) AU-A-2020260439  
 (21) 2020260439 (22) 28.10.2020  
 (54) A Method for Detecting a Plurality of Health Conditions of a Cochlea  
 (51) Int. Cl.  
     **A61B 5/12** ( 2006.01 )  
     **A61B 5/053** ( 2006.01 )  
     **A61B 5/316** ( 2021.01 )  
 (31) 19207745.1 (32) 07.11.19 (33) EP  
 (43) 27.05.2021  
 (72) Stahl, Pierre; Frater, Attila; Segovia Martinez, Manuel; Gnansia, Dan; Molaei, Behnam; Demarcy, Thomas  
 (74) Golja Haines & Friend

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(71) Oxley, T.; OPIE, N.L.  
 (11) AU-A-2020267158  
 (21) 2020267158 (22) 09.11.2020

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(54) Medical device for retrieval of clots using an electrically charged stent structure  
 (51) Int. Cl.  
**A61B 17/22** ( 2006.01 )  
 (31) 62/932,935 (32) 08.11.19 (33) US  
 (43) 27.05.2021  
 (72) OXLEY, Thomas James; OPIE, Nicholas Lachlan  
 (74) Griffith Hack

(71) Pacific Edge Limited  
 (11) AU-A-2021202735  
 (21) 2021202735 (22) 03.05.2021  
 (54) URINE MARKERS FOR DETECTION OF BLADDER CANCER  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C07H 21/04** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12P 21/02** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2020200168  
 (72) Guilford, Parry John; Kerr, Natalie Jane; Pollock, Robert  
 (74) Catalyst Intellectual Property

(71) Panduit Corp.  
 (11) AU-A-2021202725  
 (21) 2021202725 (22) 30.04.2021  
 (54) Method and device for detecting the absence of voltage  
 (51) Int. Cl.  
**G01R 19/155** ( 2006.01 )  
**G01R 31/327** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015311849  
 (72) Bugaris, Rachel M.; Hoepfner, Craig T.; Senese, John C.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Parasol Medical, LLC  
 (11) AU-A-2020267176  
 (21) 2020267176 (22) 10.11.2020  
 (54) Sanitizing and Antimicrobial Solution with Silane Quaternary Ammonium with Hypochlorous Acid  
 (51) Int. Cl.  
**A01N 31/02** ( 2006.01 )  
**A01N 33/12** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**C25B 1/14** ( 2006.01 )  
**C25B 1/26** ( 2006.01 )  
 (31) 16/679,596 (32) 11.11.19 (33) US  
 (43) 27.05.2021  
 (72) Eddy, Patrick; Eddy, Cassandra Ann  
 (74) WRAYS PTY LTD

(71) Pask, N.G.  
 (11) AU-A-2020264333  
 (21) 2020264333 (22) 05.11.2020  
 (54) A Construction System and Method of Use Thereof  
 (51) Int. Cl.  
**E04B 1/16** ( 2006.01 )

**E04B 1/04** ( 2006.01 )  
**E04B 1/18** ( 2006.01 )  
**E04B 1/348** ( 2006.01 )  
**E04B 1/38** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
**E04B 1/61** ( 2006.01 )  
**E04B 9/06** ( 2006.01 )  
**E04F 13/072** ( 2006.01 )  
 (31) 2019904224 (32) 08.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Pask, Norman Gordon  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Patrick Charles Pty Ltd  
 (11) AU-A-2020372601  
 (21) 2020372601 (22) 03.11.2020  
 (54) An aerator  
 (51) Int. Cl.  
**C02F 7/00** ( 2006.01 )  
**B01F 3/04** ( 2006.01 )  
**B01F 5/04** ( 2006.01 )  
**B01F 7/06** ( 2006.01 )  
**B63H 20/36** ( 2006.01 )  
 (87) WO2021/087556  
 (31) 2019904176 (32) 06.11.19 (33) AU  
 (43) 27.05.2021  
 (72) O'LOUGHLIN, John Patrick; RASMUS, John Charles  
 (74) Patentec Patent Attorneys

(71) Peak Hill Industries Pty Ltd  
 (11) AU-A-2020267231  
 (21) 2020267231 (22) 12.11.2020  
 (54) Improved Device for Restraining and Manipulation of Sheep  
 (51) Int. Cl.  
**A01K 1/06** ( 2006.01 )  
**A01K 14/00** ( 2006.01 )  
**A01K 15/00** ( 2006.01 )  
 (31) 2019904266 (32) 12.11.19 (33) AU  
 (43) 27.05.2021  
 (72) BYRNE, Stuart William  
 (74) Arceo IP

**PerkinElmer Cellular Technologies Germany GmbH see PerkinElmer Health Sciences, Inc.**  
 (21) 2021202716

(71) PerkinElmer Health Sciences, Inc.; PerkinElmer Cellular Technologies Germany GmbH  
 (11) AU-A-2021202716  
 (21) 2021202716 (22) 30.04.2021  
 (54) Systems and methods for automated segmentation of individual organs in 3D anatomical images  
 (51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**G06K 9/34** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015403475  
 (72) BEHROOZ, Ali; KASK, Peet  
 (74) FB Rice Pty Ltd

(71) Pfizer Inc.  
 (11) AU-A-2021202522  
 (21) 2021202522 (22) 23.04.2021  
 (54) RSV F protein mutants  
 (51) Int. Cl.  
**C07K 14/005** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61K 39/155** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019210579  
 (72) Che, Ye; Dormitzer, Philip Ralph; Gribenko, Alexey Vyacheslavovich; Handke, Luke David; Prasad, Avvari Krishna; Qiu, Xiayang; Ruppen, Mark Edward; Song, Xi; Swanson, Kena Anne; Kodali, Srinivas; Xu, Xin; Efferen, KariAnn Sweeney; Cai, Ping; Tompkins, Kristin Rachael; Nunez, Lorna Del Pilar  
 (74) Allens Patent & Trade Mark Attorneys

(71) Pfizer Inc.  
 (11) AU-A-2021202540  
 (21) 2021202540 (22) 26.04.2021  
 (54) Neisseria meningitidis compositions and methods thereof  
 (51) Int. Cl.  
**A61K 39/095** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019220620  
 (72) Anderson, Annaliesa Sybil; Arumugham, Rasappa Gounder; Farley, John Erwin; Fletcher, Leah Diane; Harris, Shannon; Jansen, Kathrin Ute; Jones, Thomas Richard; Khandke, Lakshmi; Loun, Bounthon; Perez, John Lance; Zlotnick, Gary Warren  
 (74) Allens Patent & Trade Mark Attorneys

(71) Phaim Pharma Ltd  
 (11) AU-A-2021202609  
 (21) 2021202609 (22) 28.04.2021  
 (54) Diabetes biomarkers  
 (51) Int. Cl.  
**G01N 33/48** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 5/50** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019200824  
 (72) ORBAN, Tihamer  
 (74) Davies Collison Cave Pty Ltd

(71) Pharmis II Indústria e Inovação, Unipessoal Lda  
 (11) AU-A-2020267246  
 (21) 2020267246 (22) 12.11.2020  
 (54) PRE-FILLED SYRINGE THAT COMPRISES AN ELASTIC AND SLIDING VALVULAR JOINT  
 (51) Int. Cl.  
**A61M 5/19** ( 2006.01 )  
**A61M 5/28** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
 (31) 20190103308 (32) 12.11.19 (33) AR  
 (43) 27.05.2021  
 (72) SZAPIRO, JAIME LUIS; SZAPIRO, GERMÁN ANDRÉS; MORENO BONINO, SAÚL  
 (74) Burns IP & Commercial Pty Ltd

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(71) Phoenix Steel Sales Pty Ltd  
 (11) AU-A-2020264406  
 (21) 2020264406 (22) 06.11.2020  
 (54) Cable Support System  
 (51) Int. Cl.  
*H02G 3/04* ( 2006.01 )  
*F16B 17/00* ( 2006.01 )  
*H02G 3/06* ( 2006.01 )  
 (31) 2019904198 (32) 07.11.19 (33) AU  
 2020904021 04.11.20 AU  
 (43) 27.05.2021  
 (72) DALY, Peter; DEVENEY, Karl; DIFAZIO,  
 Leo  
 (74) WRAYS PTY LTD

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(71) Platinum Blasting Services  
 (11) AU-A-2020267239  
 (21) 2020267239 (22) 12.11.2020  
 (54) Explosive composition and method of  
 making the same  
 (51) Int. Cl.  
*C06B 23/00* ( 2006.01 )  
*C06B 31/28* ( 2006.01 )  
 (31) 2019904259 (32) 12.11.19 (33) AU  
 (43) 27.05.2021  
 (72) GREALY, Christine  
 (74) Griffith Hack

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(71) PLF Agritech Pty Ltd  
 (11) AU-A-2020256312  
 (21) 2020256312 (22) 12.10.2020  
 (54) Air Quality measuring apparatus used  
 in animal husbandry  
 (51) Int. Cl.  
*G01N 33/00* ( 2006.01 )  
*G01N 1/22* ( 2006.01 )  
 (31) 2019904161 (32) 05.11.19 (33) AU  
 (43) 27.05.2021  
 (72) Banhazi, Thomas  
 (74) LESICAR MAYNARD ANDREWS PTY  
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**Pondicherry, A. see Cernoch, D.**  
 (21) 2021202615

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(71) President and Fellows of Harvard Col-  
 lege  
 (11) AU-A-2021202581  
 (21) 2021202581 (22) 27.04.2021  
 (54) Genome engineering  
 (51) Int. Cl.  
*C12N 15/08* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12P 19/34* ( 2006.01 )  
*C40B 40/08* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018278911  
 (72) CHURCH, George M.; YANG, Luhan;  
 CARGOL, Marc Guell; YANG, Joyce Li-  
 chi  
 (74) Davies Collison Cave Pty Ltd

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(71) President and Fellows of Harvard Col-  
 lege  
 (11) AU-A-2021202590  
 (21) 2021202590 (22) 27.04.2021  
 (54) RNA-guided gene drives  
 (51) Int. Cl.  
*C12N 15/63* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015204784  
 (72) Esvelt, Kevin M.; Smidler, Andrea L.  
 (74) Davies Collison Cave Pty Ltd

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(71) PURTON, W.W.  
 (11) AU-A-2021202816  
 (21) 2021202816 (22) 04.05.2021  
 (54) ESPRESSO MILK FROTHER PROBE  
 (51) Int. Cl.  
*A47J 31/44* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019204643  
 (72) PURTON, William Westmore  
 (74) Baxter Patent Attorneys Pty Ltd

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(71) Quantum-Si Incorporated  
 (11) AU-A-2021202729  
 (21) 2021202729 (22) 30.04.2021  
 (54) Integrated device for temporal binning  
 of received photons  
 (51) Int. Cl.  
*G01N 21/64* ( 2006.01 )  
*G01S 17/89* ( 2020.01 )  
 (43) 27.05.2021  
 (62) 2015300766  
 (72) Rothberg, Jonathan M.; Fife, Keith G.;  
 Boisvert, David  
 (74) Davies Collison Cave Pty Ltd

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(71) R. J. Reynolds Tobacco Company  
 (11) AU-A-2021202574  
 (21) 2021202574 (22) 27.04.2021  
 (54) Heat generation segment for an aerosol-  
 generation system of a smoking art-  
 icle  
 (51) Int. Cl.  
*A24B 15/16* ( 2020.01 )  
*A24F 47/00* ( 2020.01 )  
 (43) 27.05.2021  
 (62) 2016286084  
 (72) Nordskog, Brian Keith; Jackson, Thad-  
 deus J.; Duggins, Donna Walker; Ger-  
 ardi, Anthony Richard  
 (74) FB Rice Pty Ltd

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(71) Radinn AB  
 (11) AU-A-2021202732  
 (21) 2021202732 (22) 30.04.2021  
 (54) Electrically Powered, Water-Jet Pro-  
 pelled Surfboard  
 (51) Int. Cl.  
*B63B 32/10* ( 2020.01 )  
 (43) 27.05.2021  
 (62) 2018353925  
 (72) LIND, Alexander; BECKMANN,  
 Esbjörn; SVENINGSSON, Philip  
 (74) WRAYS PTY LTD

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(71) RAKMAN INTERNATIONAL PTY LTD  
 (11) AU-A-2019264532  
 (21) 2019264532 (22) 11.11.2019  
 (54) A FIRE AND SMOKE CONTAINMENT  
 SERVICES TRANSIT UNIT AND AN  
 ASSOCIATED METHOD  
 (51) Int. Cl.  
*H02G 3/22* ( 2006.01 )  
*A62C 2/06* ( 2006.01 )  
*F16L 5/02* ( 2006.01 )  
*F16L 5/04* ( 2006.01 )  
*H02G 3/04* ( 2006.01 )  
 (43) 27.05.2021  
 (61) 2015333567  
 (72) Rakic, John  
 (74) Adams Pluck

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(71) Ralco Nutrition, Inc.  
 (11) AU-A-2021202687  
 (21) 2021202687 (22) 29.04.2021  
 (54) Agricultural compositions and applica-  
 tions utilizing mineral compounds  
 (51) Int. Cl.  
*C05B 17/00* ( 2006.01 )  
*C05D 9/02* ( 2006.01 )  
*C05F 11/00* ( 2006.01 )  
*C05G 3/02* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019204156  
 (72) KNOCHENMUS, Brian Jon; LAMB,  
 Richard Dale; TUTT, Samuel; BRAD-  
 LEY, David; JOHNSON, Evan;  
 HANSEN, Jon  
 (74) Spruson & Ferguson

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**Refsland, D. see Cernoch, D.**  
 (21) 2021202615

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(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2021202702  
 (21) 2021202702 (22) 30.04.2021  
 (54) Compositions for improving the health  
 related quality of life of rheumatoid arth-  
 ritis patients  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2015317905  
 (72) GEORGE JOHNNY, JOSEPH; HUBERT  
 HOOGSTRATEN, Van; CHEIH-L,  
 CHEN; CHUNGPENG, FAN; NEIL,  
 GRAHAM; MOMTAHEN, TANYA MAR-  
 IE; GENOVESE, MARK  
 (74) Griffith Hack

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(71) Rhythm Pharmaceuticals, Inc.  
 (11) AU-A-2021202699  
 (21) 2021202699 (22) 30.04.2021  
 (54) Pharmaceutical compositions  
 (51) Int. Cl.  
*C07K 7/54* ( 2006.01 )  
*A61K 38/12* ( 2006.01 )

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 (62) 2019200101  
 (72) SHARMA, Shubh; VAN DER PLOEG, Leonardus H.T.; HENDERSON, Bart  
 (74) Spruson & Ferguson

(71) ROPA SYSTEMS PTY LTD  
 (11) AU-A-2021202587  
 (21) 2021202587 (22) 27.04.2021  
 (54) WINDOW FRAME AND ARCHITRAVE ASSEMBLY  
 (51) Int. Cl.  
*E06B 1/04* ( 2006.01 )  
*E06B 1/36* ( 2006.01 )  
*E06B 1/60* ( 2006.01 )  
*E06B 3/26* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016208980  
 (72) PANNUNZIO, Rocco  
 (74) Churchill Attorneys

(71) Rubner Holzbau S.r.l.  
 (11) AU-A-2020267179  
 (21) 2020267179 (22) 10.11.2020  
 (54) Wood step and process of making thereof  
 (51) Int. Cl.  
*E04F 11/09* ( 2006.01 )  
*E04F 11/108* ( 2006.01 )  
*E04F 11/16* ( 2006.01 )  
*E04H 3/12* ( 2006.01 )  
 (31) 102019000020811 (32) 11.11.19 (33) IT  
 (43) 27.05.2021  
 (72) MODENA, Roberto; RAINER, Oskar; GROSSI, Paolo; ACCORRÀ, Paolo; ENDRIZZI, Gianluca; GRÖMMINGER, Oswald  
 (74) Spruson & Ferguson

(71) Sakura Finetek U.S.A., Inc.  
 (11) AU-A-2021202652  
 (21) 2021202652 (22) 28.04.2021  
 (54) Slide management system  
 (51) Int. Cl.  
*G01N 35/02* ( 2006.01 )  
*G06K 9/20* ( 2006.01 )  
*G06T 1/00* ( 2006.01 )  
*G16Z 99/00* ( 2019.01 )  
 (43) 27.05.2021  
 (62) 2019216682  
 (72) VON BUEREN, Erico; VAN DEN BERG, Ralf  
 (74) Spruson & Ferguson

(71) SANOTIZE RESEARCH AND DEVELOPMENT CORP.  
 (11) AU-A-2021202711  
 (21) 2021202711 (22) 30.04.2021  
 (54) Treating diseases using nitric oxide releasing solutions  
 (51) Int. Cl.  
*A61K 9/72* ( 2006.01 )  
*A61M 35/00* ( 2006.01 )  
*C01B 21/24* ( 2006.01 )

(43) 27.05.2021  
 (62) 2015229626  
 (72) STENZLER, Alex; MILLER, Christopher, C.; REGEV-SHOSHANI, Gilly  
 (74) FB Rice Pty Ltd

(71) SelectImmune Pharma AB  
 (11) AU-A-2021202603  
 (21) 2021202603 (22) 27.04.2021  
 (54) Novel therapy  
 (51) Int. Cl.  
*A61K 31/00* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61P 13/02* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016205864  
 (72) Svanborg, Catharina; Ambite, Ines  
 (74) FPA Patent Attorneys Pty Ltd

**Shanghai Goalsee Electric Technology Co., Ltd. see Shanghai Hengnengtai Enterprise Management Co., Ltd., Puneng Electric Power Technology Branch**  
 (21) 2020239815

(71) Shanghai Hengnengtai Enterprise Management Co., Ltd., Puneng Electric Power Technology Branch; State Grid Shanghai Municipal Electric Power Company; Shanghai Goalsee Electric Technology Co., Ltd.

(11) AU-A-2020239815  
 (21) 2020239815 (22) 09.07.2020  
 (54) A device for improving tuning stability of series resonance under small load  
 (51) Int. Cl.  
*H03J 1/18* ( 2006.01 )  
 (31) 201911107893.9 (32) 13.11.19 (33) CN  
 (43) 27.05.2021  
 (72) WANG, Liming; WEI, Bengang; ZHANG, Wenhui; CHEN, Jian; YANG, Laibin  
 (74) Madderns Pty Ltd

(71) SharkNinja Operating LLC  
 (11) AU-A-2021202547  
 (21) 2021202547 (22) 26.04.2021  
 (54) COOKING DEVICE AND COMPONENTS THEREOF  
 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018316266  
 (72) Gill, Aaron Michael; Richardson, Ross; Zabel, Naomi Kalia Williams; Deng, Da; Gursel, Mete; Tattersfield, Andrew John Roy; Denham, Niall Christopher; Jackson, Roger Neil; Leahy, Ronan Patrick; White, Evan James; Guerin, Thomas; Martin, Chris; Lavins, Nathaniel R.; Swanhart, Mackenzie Lee; Ferguson, Samuel Andrew; Stewart, Scott James  
 (74) Phillips Ormonde Fitzpatrick

(71) SharkNinja Operating LLC  
 (11) AU-A-2021202548  
 (21) 2021202548 (22) 26.04.2021  
 (54) COOKING DEVICE AND COMPONENTS THEREOF  
 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018316266  
 (72) Gill, Aaron Michael; Richardson, Ross; Zabel, Naomi Kalia Williams; Deng, Da; Gursel, Mete; Tattersfield, Andrew John Roy; Denham, Niall Christopher; Jackson, Roger Neil; Leahy, Ronan Patrick; White, Evan James; Guerin, Thomas; Martin, Chris; Lavins, Nathaniel R.; Swanhart, Mackenzie Lee; Ferguson, Samuel Andrew; Stewart, Scott James  
 (74) Phillips Ormonde Fitzpatrick

(71) SharkNinja Operating LLC  
 (11) AU-A-2021202549  
 (21) 2021202549 (22) 26.04.2021  
 (54) COOKING DEVICE AND COMPONENTS THEREOF  
 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018316266  
 (72) Gill, Aaron Michael; Richardson, Ross; Zabel, Naomi Kalia Williams; Deng, Da; Gursel, Mete; Tattersfield, Andrew John Roy; Denham, Niall Christopher; Jackson, Roger Neil; Leahy, Ronan Patrick; White, Evan James; Guerin, Thomas; Martin, Chris; Lavins, Nathaniel R.; Swanhart, Mackenzie Lee; Ferguson, Samuel Andrew; Stewart, Scott James  
 (74) Phillips Ormonde Fitzpatrick

(71) SharkNinja Operating LLC  
 (11) AU-A-2021202696  
 (21) 2021202696 (22) 30.04.2021  
 (54) FOOD PROCESSING APPARATUS AND METHOD  
 (51) Int. Cl.  
*A47J 43/046* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2016276447  
 (72) Golino, Amy L.; Spilios, Vanessa H.  
 (74) Phillips Ormonde Fitzpatrick

(71) Shire Human Genetic Therapies, Inc.  
 (11) AU-A-2021202579  
 (21) 2021202579 (22) 27.04.2021  
 (54) METHODS AND COMPOSITIONS FOR CNS DELIVERY OF IDURONATE-2-SULFATASE  
 (51) Int. Cl.  
*A61K 38/46* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019203515  
 (72) Zhu, Gaozhong; Shahrokh, Zahra; Pan, Jing; Calias, Pericles; Wright, Teresa Leah; Lowe, Kris; Fahrner, Rick; Christian, James  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

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(71) SKC Co., Ltd.; SKC Inc.  
 (11) AU-A-2020372604  
 (21) 2020372604 (22) 22.10.2020  
 (54) Polyester-based film, and method for recycling polyester-based container using same  
 (51) Int. Cl.  
     **C08J 7/04** ( 2020.01 )  
     **B29B 17/02** ( 2006.01 )  
     **B29B 17/04** ( 2006.01 )  
     **C08G 63/181** ( 2006.01 )  
     **C08J 5/18** ( 2006.01 )  
     **C08L 67/02** ( 2006.01 )  
 (87) WO2021/085938  
 (31) 62/928,913 (32) 31.10.19 (33) US  
     10-2020-0118929 16.09.20 KR  
     10-2020-0118930 16.09.20 KR  
 (43) 27.05.2021  
 (72) KIM, Chul Kyu; KIM, Yong Deuk; YANG, Joo Ho; JUNG, Eugene; LEE, Hyuk Soo  
 (74) FB Rice Pty Ltd

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**SKC Inc. see SKC Co., Ltd.**  
 (21) 2020372604

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(71) Snap-on Incorporated  
 (11) AU-A-2020264277  
 (21) 2020264277 (22) 03.11.2020  
 (54) Pliers with angled crimping opening  
 (51) Int. Cl.  
     **H01R 43/04** ( 2006.01 )  
 (31) 16/678,275 (32) 08.11.19 (33) US  
 (43) 27.05.2021  
 (72) WOLLERT, Gary S.; GUPTA, Anup A.; ROSS, David T.; EGGERT, Daniel M.  
 (74) Griffith Hack

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(71) Snap-on Incorporated  
 (11) AU-A-2020264327  
 (21) 2020264327 (22) 04.11.2020  
 (54) Adjustable door hinge mechanism  
 (51) Int. Cl.  
     **E05D 7/04** ( 2006.01 )  
 (31) 16/680,180 (32) 11.11.19 (33) US  
 (43) 27.05.2021  
 (72) CURRY, David D.  
 (74) Griffith Hack

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(71) Snap-on Incorporated  
 (11) AU-A-2020264383  
 (21) 2020264383 (22) 06.11.2020  
 (54) Tool storage units with integrated power  
 (51) Int. Cl.  
     **B25H 3/02** ( 2006.01 )  
 (31) 62/934,330 (32) 12.11.19 (33) US  
     62/935,406 14.11.19 US  
     17/085,656 30.10.20 US  
 (43) 27.05.2021  
 (72) DOERFLINGER, David A.; EGGERT, Daniel  
 (74) Griffith Hack

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(71) Snap-on Incorporated  
 (11) AU-A-2021202589  
 (21) 2021202589 (22) 27.04.2021  
 (54) Ratcheting wrench  
 (51) Int. Cl.  
     **B25B 13/46** ( 2006.01 )  
     **B25B 13/48** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019213406  
 (72) THOMPSON, Christopher D.  
 (74) Griffith Hack

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(71) Snap-on Incorporated  
 (11) AU-A-2021202775  
 (21) 2021202775 (22) 03.05.2021  
 (54) SOCKET DRIVE IMPROVEMENT  
 (51) Int. Cl.  
     **B25B 13/06** ( 2006.01 )  
     **B25B 13/04** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019240548  
 (72) EGGERT, Daniel M.  
 (74) Griffith Hack

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(71) SNIPR Technologies Limited  
 (11) AU-A-2021202550  
 (21) 2021202550 (22) 26.04.2021  
 (54) Selectively altering microbiota for immune modulation  
 (51) Int. Cl.  
     **A61K 35/17** ( 2015.01 )  
     **A61K 31/7105** ( 2006.01 )  
     **A61K 35/15** ( 2015.01 )  
     **A61P 35/00** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2020257117  
 (72) CLUBE, Jasper; SOMMER, Morten; GRØNDAHL, Christian; VAZQUEZ-URIBE, Ruben; VAN DER HELM, Eric  
 (74) Griffith Hack

---

(71) Société des Produits Nestlé S.A.  
 (11) AU-A-2021202748  
 (21) 2021202748 (22) 03.05.2021  
 (54) Composition in powder form comprising iron-milk protein complexes and probiotic bacteria  
 (51) Int. Cl.  
     **A23K 20/20** ( 2016.01 )  
     **A23C 9/13** ( 2006.01 )  
     **A23C 9/152** ( 2006.01 )  
     **A23C 9/20** ( 2006.01 )  
     **A23L 29/294** ( 2016.01 )  
     **A23L 33/00** ( 2016.01 )  
     **A23L 33/135** ( 2016.01 )  
     **A23L 33/165** ( 2016.01 )  
     **A23L 33/19** ( 2016.01 )  
     **A61K 31/295** ( 2006.01 )  
     **A61K 33/26** ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2017377774  
 (72) Bourqui, Bertrand; Husny, Joeska  
 (74) Shelston IP Pty Ltd.

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(71) So Spark Ltd.  
 (11) AU-A-2021202779

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(21) 2021202779 (22) 04.05.2021  
 (54) Rapid high-pressure microwave thermal decomposition system, capsule and method for using same  
 (51) Int. Cl.  
     **B65D 83/14** ( 2006.01 )  
     **B01J 7/00** ( 2006.01 )  
     **B01J 19/12** ( 2006.01 )  
     **C01B 32/50** ( 2017.01 )  
     **F16K 17/40** ( 2006.01 )  
     **G01S 1/02** ( 2010.01 )  
 (43) 27.05.2021  
 (62) 2019203140  
 (72) Shalev, Pinchas  
 (74) Griffith Hack

---

(71) South East Water Corporation  
 (11) AU-A-2021202604  
 (21) 2021202604 (22) 27.04.2021  
 (54) Systems and computer implemented methods for monitoring an activity at one or more facilities  
 (51) Int. Cl.  
     **G06Q 50/00** ( 2012.01 )  
 (43) 27.05.2021  
 (62) 2015336945  
 (72) Mofardin, Eddy; Butler, Luke; Pucovski, Claire; Blinman, Adrian  
 (74) Davies Collison Cave Pty Ltd

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(71) SOUTH PLASTIC INDUSTRY CO., LTD.  
 (11) AU-A-2020250229  
 (21) 2020250229 (22) 07.10.2020  
 (54) NON-EQUAL LENGTH OPEN-IDENTIFICATION CONTAINER  
 (51) Int. Cl.  
     **B65D 55/02** ( 2006.01 )  
 (31) 108140742 (32) 08.11.19 (33) TW  
 (43) 27.05.2021  
 (72) WANG, TONG -CHANG  
 (74) Alfred Lei

---

(71) SOUTH PLASTIC INDUSTRY CO., LTD.  
 (11) AU-A-2020257030  
 (21) 2020257030 (22) 19.10.2020  
 (54) TAMPER-RESISTANT AIR-PERMEABLE CONTAINER  
 (51) Int. Cl.  
     **B65D 1/22** ( 2006.01 )  
     **B65D 43/16** ( 2006.01 )  
     **B65D 43/22** ( 2006.01 )  
 (31) 108140742 (32) 08.11.19 (33) TW  
 (43) 27.05.2021  
 (72) WANG, TONG-CHANG  
 (74) Alfred Lei

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(71) Square, Inc.  
 (11) AU-A-2021202683  
 (21) 2021202683 (22) 29.04.2021  
 (54) Sensor-enabled activation of payment instruments  
 (51) Int. Cl.  
     **G06Q 20/34** ( 2012.01 )  
     **G06K 19/06** ( 2006.01 )  
     **G06K 19/14** ( 2006.01 )

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Applications Open to Public Inspection - Name Index cont'd

**G06Q 20/32** ( 2012.01 )  
**G07F 7/08** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2017335581  
**(72)** OMOJOLA, Ayokunle; ANDERSEN, Robert; PERITO, Daniele; BEKMANN, Joachim  
**(74)** FB Rice Pty Ltd

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**State Grid Shanghai Municipal Electric Power Company see Shanghai Hengnengtai Enterprise Management Co., Ltd., Punning Electric Power Technology Branch**  
**(21)** 2020239815

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**(71)** Sunflow, Inc.  
**(11)** AU-A-2021202673  
**(21)** 2021202673 **(22)** 29.04.2021  
**(54)** CHAIR  
**(51)** Int. Cl.  
**A47C 4/28** ( 2006.01 )  
**A47C 7/40** ( 2006.01 )  
**A47C 7/62** ( 2006.01 )  
**A47C 7/66** ( 2006.01 )  
**F16B 21/12** ( 2006.01 )

**(43)** 27.05.2021  
**(62)** 2020286283  
**(72)** Servaites, Jeffrey; Besner, Leslie Hsu  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** SYSTÈMES DE CONTRÔLE ACTIF SOFT DB INC  
**(11)** AU-A-2020264393  
**(21)** 2020264393 **(22)** 06.11.2020  
**(54)** A SYSTEM AND A METHOD FOR VIBRATION MONITORING  
**(51)** Int. Cl.  
**G01H 1/00** ( 2006.01 )  
**G01H 17/00** ( 2006.01 )  
**(31)** 62/934,177 **(32)** 12.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** PEARSON, Michel; GÉRARD, Anthony; OSTIGUY, Pierre-Claude; LALIBERTÉ, Philippe  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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**(71)** Taylor, B.  
**(11)** AU-A-2020267160  
**(21)** 2020267160 **(22)** 09.11.2020  
**(54)** SAHADING APPARATUS  
**(51)** Int. Cl.  
**E04F 10/10** ( 2006.01 )  
**E04F 10/02** ( 2006.01 )  
**E04H 4/10** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )  
**(31)** 2019904200 **(32)** 07.11.19 **(33)** AU  
**(43)** 27.05.2021  
**(72)** Taylor, Barry  
**(74)** Ahearn Fox

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**(71)** Technological Resources Pty. Limited  
**(11)** AU-A-2021202770  
**(21)** 2021202770 **(22)** 03.05.2021  
**(54)** Impact Detection System

**(51)** Int. Cl.  
**B60R 21/013** ( 2006.01 )  
**G01P 15/135** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016293384  
**(72)** Da Costa, Ilidio Gouveia; Godber, Anthony Michael; Wallis, David; Shurmer, Matthew; Nicholson, Paul; Topham, Gareth; Pearman, Richard; Knight, Peter  
**(74)** Griffith Hack

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**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(11)** AU-A-2021202649  
**(21)** 2021202649 **(22)** 28.04.2021  
**(54)** Methods and devices for broadcasting system information on demand  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**(43)** 27.05.2021  
**(62)** 2019203810  
**(72)** Li, Gen; Wang, Hai; Wang, Jianfeng  
**(74)** FB Rice Pty Ltd

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**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(11)** AU-A-2021202690  
**(21)** 2021202690 **(22)** 30.04.2021  
**(54)** Methods and apparatuses for handling beam failure  
**(51)** Int. Cl.  
**H04B 7/022** ( 2017.01 )  
**H04B 7/06** ( 2006.01 )  
**H04B 7/08** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**H04B 7/0404** ( 2017.01 )  
**(43)** 27.05.2021  
**(62)** 2017355592  
**(72)** Grant, Stephen; Frenne, Mattias; Nilsson, Andreas; Tidestav, Claes  
**(74)** AJ PARK

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**(71)** Teva Branded Pharmaceutical Products R&D, Inc.  
**(11)** AU-A-2021202784  
**(21)** 2021202784 **(22)** 04.05.2021  
**(54)** Dry powder inhaler comprising fluticasone propionate and salmeterol xinafoat  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016209363  
**(72)** DALVI, Mukul; TEE, Seah Kee  
**(74)** Griffith Hack

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**(71)** The Regents of the University of Michigan  
**(11)** AU-A-2021202619  
**(21)** 2021202619 **(22)** 28.04.2021  
**(54)** Multifunctional inhibitors of MEK/PI3K and mTOR/MEK/PI3K biological pathways and therapeutic methods using the same

**(51)** Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/553** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2017291838  
**(72)** Ross, Brian D.; Van Dort, Marcian  
**(74)** Shelston IP Pty Ltd.

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**(71)** The Regents of the University of Michigan; University of Newcastle upon Tyne  
**(11)** AU-A-2021202650  
**(21)** 2021202650 **(22)** 28.04.2021  
**(54)** Compositions and method for destabilizing, altering, and dispersing biofilms  
**(51)** Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2019271937  
**(72)** RICKARD, Alexander; JAKUBOVICS, Nick; SAMARIAN, Derek S.; KOLDERMAN, Ethan  
**(74)** Spruson & Ferguson

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**(71)** The Texas A & M University System  
**(11)** AU-A-2021202706  
**(21)** 2021202706 **(22)** 30.04.2021  
**(54)** FUNGAL ENDOPHYTES FOR IMPROVED CROP YIELDS AND PROTECTION FROM PESTS  
**(51)** Int. Cl.  
**A01H 5/00** ( 2018.01 )  
**A01N 63/00** ( 2020.01 )  
**A01N 65/00** ( 2009.01 )  
**(43)** 27.05.2021  
**(62)** 2018204758  
**(72)** Sword, Gregory A.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** The University of Queensland  
**(11)** AU-A-2021202648  
**(21)** 2021202648 **(22)** 28.04.2021  
**(54)** Modulation of cellular stress  
**(51)** Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 5/50** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2015268101  
**(72)** McGuckin, Michael; Prins, Johannes; Hasnain, Sumaira  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** The University of Sydney  
**(11)** AU-A-2021202561  
**(21)** 2021202561 **(22)** 26.04.2021  
**(54)** Synthesis of Phytocannabinoids including a demethylation step  
**(51)** Int. Cl.  
**C07C 51/09** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**C07D 311/74** ( 2006.01 )  
**C07D 311/80** ( 2006.01 )  
**C07D 311/94** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2018317935  
**(72)** Reekie, Tristam; Scott, Michael; Kas-siou, Michael  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** THE UNIVERSITY OF TOKYO  
**(11)** AU-A-2021202701  
**(21)** 2021202701 **(22)** 30.04.2021  
**(54)** Position information processing sys-tem and position information processing device  
**(51)** Int. Cl.  
**G01S 19/37** ( 2010.01 )  
**G01S 19/21** ( 2010.01 )  
**(43)** 27.05.2021  
**(62)** 2018218371  
**(72)** SHIBASAKI, Ryosuke; MANANDHAR, Dinesh; MIYAWAKI, Mamoru  
**(74)** Griffith Hack

**(71)** Tussy, K.A.  
**(11)** AU-A-2021202681  
**(21)** 2021202681 **(22)** 29.04.2021  
**(54)** Facial recognition authentication sys-tem including path parameters  
**(51)** Int. Cl.  
**G06F 21/32** ( 2013.01 )  
**G06K 9/62** ( 2006.01 )  
**H04N 7/14** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2015218542  
**(72)** Tussy, Kevin Alan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** UBE Industries, Ltd.  
**(11)** AU-A-2021202810  
**(21)** 2021202810 **(22)** 04.05.2021  
**(54)** Cell preparation method, cell cultivation device, and kit  
**(51)** Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**B29C 41/12** ( 2006.01 )  
**B32B 3/12** ( 2006.01 )  
**B32B 5/32** ( 2006.01 )  
**B32B 27/34** ( 2006.01 )  
**C08J 9/28** ( 2006.01 )  
**C12M 3/00** ( 2006.01 )  
**C12M 3/04** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 5/04** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2017303596  
**(72)** Hagihara, Masahiko; Ohya, Shyusei  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Under the Weather, LLC  
**(11)** AU-A-2021202700  
**(21)** 2021202700 **(22)** 30.04.2021  
**(54)** Multiple enclosure coupling assembly and method

**(51)** Int. Cl.  
**E04H 1/12** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**E04H 15/30** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2016233382  
**(72)** Pescovitz, Eric Frank  
**(74)** Shelston IP Pty Ltd.

**(71)** United States of America, as repres-ented by the Secretary, Department of Health and Human Services, C/O Na-tional Institute of Health, Office of Tech-nology Transfer  
**(11)** AU-A-2021202640  
**(21)** 2021202640 **(22)** 28.04.2021  
**(54)** Methods of producing enriched popula-tions of tumor reactive T cells from peri-pherical blood  
**(51)** Int. Cl.  
**A61K 35/14** ( 2015.01 )  
**C12N 5/0783** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2019284080  
**(72)** ROSENBERG, Steven A.; GROS, Alena  
**(74)** Spruson & Ferguson

**(71)** UNIVERSAL RESEARCH SOLU-TIONS, LLC  
**(11)** AU-A-2021202521  
**(21)** 2021202521 **(22)** 23.04.2021  
**(54)** DYNAMIC SEARCH AND RETRIEVAL OF QUESTIONS  
**(51)** Int. Cl.  
**G16H 15/00** ( 2018.01 )  
**G16H 10/20** ( 2018.01 )  
**(43)** 27.05.2021  
**(62)** 2017386654  
**(72)** PLUMMER, Ortho Raymond; HUSSAM, Ali Adel  
**(74)** Houlihan² Pty Ltd

**(71)** UNIVERSITAT BASEL; UNIVERSITAT ZURICH  
**(11)** AU-A-2021202634  
**(21)** 2021202634 **(22)** 28.04.2021  
**(54)** HLA-B57 OPEN CONFORMERS  
**(51)** Int. Cl.  
**C07K 14/74** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2017230855  
**(72)** MARROQUIN BELAUNZARAN, Osiris; RENNERT, Christoph; PETRAUSCH, Ulf  
**(74)** Shelley Rowland

**UNIVERSITAT ZURICH see UNIVERSITAT BASEL**  
**(21)** 2021202634

**(71)** Université de Paris; Université Par-is-Saclay; Acticor Biotech; Université

Paris XIII; INSERM (Institut National de la Santé et de la Recherche Médicale)  
**(11)** AU-A-2021202612  
**(21)** 2021202612 **(22)** 28.04.2021  
**(54)** Inhibition of platelet aggregation using anti-human GPVI antibodies  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2018214222  
**(72)** Billiard, Philippe; Jandrot-Perrus, Mar-tine; Avenard, Gilles  
**(74)** FPA Patent Attorneys Pty Ltd

**Université Paris-Saclay see Université de Paris**  
**(21)** 2021202612

**Université Paris XIII see Université de Par-is**  
**(21)** 2021202612

**University of Newcastle upon Tyne see The Regents of the University of Michigan**  
**(21)** 2021202650

**(71)** ViaCyte, Inc.  
**(11)** AU-A-2021202641  
**(21)** 2021202641 **(22)** 28.04.2021  
**(54)** Universal donor cells and related meth-ods  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**A01K 67/027** ( 2006.01 )  
**A61K 35/39** ( 2015.01 )  
**A61L 27/36** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2018300149  
**(72)** Agulnick, Alan D.; D'Amour, Kevin Al-len; Bhoomik, Anindita  
**(74)** Pizzeys Patent and Trade Mark Attor-neys Pty Ltd

**(71)** VIDEO GAMING TECHNOLOGIES, INC.  
**(11)** AU-A-2021202528  
**(21)** 2021202528 **(22)** 23.04.2021  
**(54)** System and method for providing a game with dynamic symbol stacking  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(43)** 27.05.2021  
**(62)** 2019202726  
**(72)** CUDDY, Ryan; NELSON, Lyndsay  
**(74)** Griffith Hack

**(71)** VORWERK & CO. INTERHOLDING GMBH  
**(11)** AU-A-2021202545  
**(21)** 2021202545 **(22)** 26.04.2021

Applications Open to Public Inspection - Name Index cont'd

(54) AUTOMATIC CONTROL FUNCTION FOR WHIPPING CREAM  
 (51) Int. Cl.  
*A47J 43/07* ( 2006.01 )  
*A47J 43/046* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2017277612  
 (72) YAN, Wenjie; K#NNINGS, Maximilian; RESENDE, Maria  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) W.L. Gore & Associates, Inc.  
 (11) AU-A-2021202628  
 (21) 2021202628 (22) 28.04.2021  
 (54) Implantable encapsulation devices  
 (51) Int. Cl.  
*A61F 2/02* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019257394  
 (72) CULLY, Edward, H.; GUNZEL, Edward; KNISLEY, Keith; RUSCH, Greg; ZAM-BOTTI, Lauren  
 (74) Griffith Hack

(71) W.L. Gore & Associates, Inc.  
 (11) AU-A-2021202675  
 (21) 2021202675 (22) 29.04.2021  
 (54) Medical delivery device with laminated stopper  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2020260514  
 (72) RUSCH, Greg; BASHAM, Robert, C.  
 (74) Griffith Hack

(71) Waste Diamond Solutions Pty Ltd; Jihany Pty Ltd  
 (11) AU-A-2021202520  
 (21) 2021202520 (22) 23.04.2021  
 (54) VALUABLE MATERIALS FROM SOLID ORGANIC WASTE (VMW)  
 (51) Int. Cl.  
*C10B 57/14* ( 2006.01 )  
*B01J 19/00* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
*C10B 47/00* ( 2006.01 )  
*C10B 53/07* ( 2006.01 )  
*C10B 57/10* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018200824  
 (72) RIMA, Jamil  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Waymo LLC  
 (11) AU-A-2021202597  
 (21) 2021202597 (22) 27.04.2021  
 (54) A LIGHT DETECTION AND RANGING (LIDAR) DEVICE HAVING MULTIPLE RECEIVERS  
 (51) Int. Cl.  
*G01S 7/481* ( 2006.01 )  
*G01S 17/93* ( 2020.01 )  
*G05D 1/02* ( 2020.01 )

(43) 27.05.2021  
 (62) 2020201154  
 (72) DROZ, Pierre-Yves; ONAL, Caner; McCANN, William; FIDRIC, Bernard; GUTNIK, Vadim; MATTOS, Laila; PARDHAN, Rahim  
 (74) RnB IP Pty Ltd

(71) Waymo LLC  
 (11) AU-A-2021202720  
 (21) 2021202720 (22) 30.04.2021  
 (54) DETECTING AND RESPONDING TO PROPULSION AND STEERING SYSTEM ERRORS FOR AUTONOMOUS VEHICLES  
 (51) Int. Cl.  
*B60W 30/18* ( 2012.01 )  
*B60W 10/10* ( 2012.01 )  
*B60W 30/14* ( 2006.01 )  
*B60W 30/182* ( 2020.01 )  
*B60W 50/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018339455  
 (72) STARK, Ethan; EGNOR, Daniel Trawick; CASH, Ryan; MCPEEK-BECHTOLD, Nolan  
 (74) RnB IP Pty Ltd

(71) Werner Co.  
 (11) AU-A-2021202533  
 (21) 2021202533 (22) 23.04.2021  
 (54) Extension Ladder, System and Method  
 (51) Int. Cl.  
*E06C 1/12* ( 2006.01 )  
*E06C 7/02* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019205968  
 (72) Mora, Daniel C.; King, Kendal  
 (74) BOSH IP Pty Ltd

(71) Werner Co.  
 (11) AU-A-2021202564  
 (21) 2021202564 (22) 26.04.2021  
 (54) Apparatus Having a Handle on Which a User Stands, and Method  
 (51) Int. Cl.  
*E04G 5/00* ( 2006.01 )  
*E04G 1/28* ( 2006.01 )  
*E04G 1/34* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2019200447  
 (72) Dangrow, Joe; Woodward, Steve; Lessner, Shannon  
 (74) BOSH IP Pty Ltd

(71) Werner Co.  
 (11) AU-A-2021202818  
 (21) 2021202818 (22) 04.05.2021  
 (54) ASSEMBLY, PLANK ADAPTER FOR A WORK STAND AND METHOD  
 (51) Int. Cl.  
*E04G 1/32* ( 2006.01 )  
*E04G 5/08* ( 2006.01 )

(43) 27.05.2021  
 (62) 2019200450  
 (72) Lessner, Shannon; Parker, Thomas; Woodward, Steve  
 (74) BOSH IP Pty Ltd

(71) Westfaelische Wilhelms-Universitaet Muenster  
 (11) AU-A-2021202654  
 (21) 2021202654 (22) 28.04.2021  
 (54) CELL-PENETRATING BACTERIAL E3-UBIQUITIN-LIGASES FOR USE IN IMMUNOTHERAPY  
 (51) Int. Cl.  
*C07K 14/25* ( 2006.01 )  
*C07K 14/24* ( 2006.01 )  
*C07K 14/255* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2018267685  
 (72) Lubos, Marie-Luise; Schmidt, Alexander; Rueter, Christian  
 (74) Spruson & Ferguson

(71) Wix.com Ltd.  
 (11) AU-A-2021202623  
 (21) 2021202623 (22) 28.04.2021  
 (54) System for synchronization of changes in edited websites and interactive applications  
 (51) Int. Cl.  
*G06F 16/958* ( 2019.01 )  
*G06F 16/23* ( 2019.01 )  
 (43) 27.05.2021  
 (62) 2019219824  
 (72) Goldstein, Yuval; Kaufman, Amit; Hollander, Oren  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Zogenix International Limited  
 (11) AU-A-2021202576  
 (21) 2021202576 (22) 27.04.2021  
 (54) Fenfluramine compositions and methods of preparing the same  
 (51) Int. Cl.  
*B01J 23/72* ( 2006.01 )  
*B01J 27/055* ( 2006.01 )  
*B01J 27/122* ( 2006.01 )  
*B01J 27/25* ( 2006.01 )  
*C07C 45/54* ( 2006.01 )  
*C07C 49/223* ( 2006.01 )  
 (43) 27.05.2021  
 (62) 2021201339  
 (72) LONDESBROUGH, Derek; ANDERSEN, Marc W.  
 (74) Davies Collison Cave Pty Ltd

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<b>2019264541</b>	Aus-Truss Pty Limited	<b>2021202415</b>	LifeCell Corporation
<b>2019264574</b>	Complete Outdoor Solutions (WA) Pty Ltd	<b>2021202497</b>	Antecip Bioventures II LLC
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<b>2019272041</b>	ICM Airport Technics Australia Pty Ltd	<b>2021202522</b>	Pfizer Inc.
<b>2019275602</b>	OMEGAQUANT ANALYTICS, LLC	<b>2021202523</b>	Eli Lilly and Company
<b>2019275611</b>	KIM, H.	<b>2021202528</b>	VIDEO GAMING TECHNOLOGIES, INC.
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<b>2020239815</b>	Shanghai Hengnengtai Enterprise Management Co., Ltd., Puneng Electric Power Technology Branch; State Grid Shanghai Municipal Electric Power Company; Shanghai Goalsee Electric Technology Co., Ltd.	<b>2021202540</b>	Pfizer Inc.
<b>2020244438</b>	Heraeus Medical GmbH	<b>2021202541</b>	HOOKIPA Biotech GmbH
<b>2020244449</b>	Covidien LP	<b>2021202545</b>	VORWERK & CO. INTERHOLDING GMBH
<b>2020250229</b>	SOUTH PLASTIC INDUSTRY CO., LTD.	<b>2021202547</b>	SharkNinja Operating LLC
<b>2020256310</b>	EM KOREA CO.,LTD	<b>2021202548</b>	SharkNinja Operating LLC
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<b>2020257030</b>	SOUTH PLASTIC INDUSTRY CO., LTD.	<b>2021202556</b>	925599 Alberta Ltd.
<b>2020257152</b>	eMoMo Technology Co., Ltd.	<b>2021202557</b>	Johnson & Johnson Consumer Inc.
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<b>2020260406</b>	Ceska Zbrojovka A.S	<b>2021202560</b>	Huawei Technologies Co., Ltd.
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<b>2020260579</b>	Captive-Aire Systems, Inc.	<b>2021202567</b>	FISHER & PAYKEL HEALTHCARE LIMITED
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<b>2020264383</b>	Snap-on Incorporated	<b>2021202581</b>	President and Fellows of Harvard College
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<b>2020267156</b>	Hoyle, C.	<b>2021202589</b>	Snap-on Incorporated
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<b>2020267160</b>	Taylor, B.	<b>2021202592</b>	Karsten Manufacturing Corporation
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<b>2020267247</b>	Blindside Group Pty Ltd	<b>2021202604</b>	South East Water Corporation
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<b>B26D 7 /-</b> 2021202534	<b>B60W 10 /-</b> 2021202720	<b>C06B 31 /-</b> 2020267239	<b>C08J 7 /-</b> 2020372604	<b>C12Q 1 /-</b> 2021202677 2021202735 2021202766	<b>E04H 1 /-</b> 2021202700
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<b>B60P 1 /-</b> 2019264581	<b>C05D 9 /-</b> 2021202687				
<b>B60R 21 /-</b> 2021202770	<b>C05F 11 /-</b> 2021202687				

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<b>F41A 19 /-</b> 2020267163	<b>G01S 7 /-</b> 2021202597 2021202660 2021202661 2021202664 2021202666 2021202811	<b>G06T 1 /-</b> 2021202652	<b>H02S 40 /-</b> 2020202050	
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	<b>G06F 16 /-</b> 2021202623			

**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters

. (\*\*) Title not given

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

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**(11)** AU-A-2017101902

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**(54)** A single module optimizing controller capable of operating one of a plurality of different types of HVACR systems

**(51)** Int. Cl.

**F24F 11/56** ( 2018.01 )

**C09D 139/06** ( 2006.01 )

**C11D 3/386** ( 2006.01 )

**C11D 11/00** ( 2006.01 )

**F24F 11/58** ( 2018.01 )

**F24F 11/77** ( 2018.01 )

**F24F 11/83** ( 2018.01 )

**F24F 11/89** ( 2018.01 )

**C08K 5/00** ( 2006.01 )

**C08K 5/136** ( 2006.01 )

**F24F 11/57** ( 2018.01 )

**F28D 21/00** ( 2006.01 )

**F24F 110/10** ( 2018.01 )

**F24F 110/20** ( 2018.01 )

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2016904319 24.10.16 AU

**(45)** 27.05.2021

**(72)** Rogerson, Christopher James

**(74)** Shelston IP Pty Ltd.

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**(71)** Affiliated Hospital of YouJiang Medical University for Nationalities

**(11)** AU-A-2021101827

**(21)** 2021101827 **(22)** 09.04.2021

**(54)** A kind of multi-functional medicine delivery car for nursing

**(51)** Int. Cl.

**A61G 12/00** ( 2006.01 )

**A61J 1/14** ( 2006.01 )

**A61J 7/00** ( 2006.01 )

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**(71)** Anhui University of Technology

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**(21)** 2021101809 **(22)** 08.04.2021

**(54)** A Method For Catalyzing The Dehydrogenation of Formic Acid With Visible Light With PdAu Nanosheet Catalyst

**(51)** Int. Cl.

**C01B 3/40** ( 2006.01 )

**B01J 23/52** ( 2006.01 )

**B01J 35/00** ( 2006.01 )

**B01J 37/08** ( 2006.01 )

**B01J 37/10** ( 2006.01 )

**B01J 21/06** ( 2006.01 )

**B01J 27/22** ( 2006.01 )

**B01J 35/02** ( 2006.01 )

**B01J 37/00** ( 2006.01 )

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**(74)** WRAYS PTY LTD

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**(21)** 2021101457

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**(71)** Barna, C.

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**(54)** Customizable Ventilated Workwear

**(51)** Int. Cl.

**A41D 27/28** ( 2006.01 )

**A41D 31/14** ( 2019.01 )

**A41D 13/002** ( 2006.01 )

**A62B 17/00** ( 2006.01 )

**(31)** 2016901651 **(32)** 05.05.16 **(33)** AU

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**(72)** Barna, Clinton Josef

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**(71)** Bayz Pty Ltd

**(11)** AU-A-2021101835

**(21)** 2021101835 **(22)** 09.04.2021

**(54)** Method and Systems to Reward Positive Actions with Access to Electronic Devices and the Like

**(51)** Int. Cl.

**G09B 19/00** ( 2006.01 )

**G06Q 50/20** ( 2012.01 )

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**(72)** Davids, Joe Yussuf; Davids, Bodhi; Davids, Taj

**(74)** Chrysiliou IP

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**(71)** Beijing Institute of Technology

**(11)** AU-A-2021101797

**(21)** 2021101797 **(22)** 08.04.2021

**(54)** MULTI-DEGREE-OF-FREEDOM UP-CONVERSION PIEZOELECTRIC ENERGY HARVESTER

**(51)** Int. Cl.

**H02N 2/18** ( 2006.01 )

**F03G 3/06** ( 2006.01 )

**H01L 41/113** ( 2006.01 )

**H02K 35/02** ( 2006.01 )

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**(11)** AU-A-2021101776

**(21)** 2021101776 **(22)** 07.04.2021

**(54)** Ecosystem Service Supply-demand Index Change Detection Method Oriented to The Natural Resource Management Field

**(51)** Int. Cl.

**G06Q 50/02** ( 2012.01 )

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**(72)** Wang, Jing; Zhai, Tianlin; Zhao, Xiang; Kong, Xuesong

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**(71)** Beijing Normal University

**(11)** AU-A-2021101780

**(21)** 2021101780 **(22)** 07.04.2021

**(54)** Aboveground Biomass Estimation and Scale Conversion for Mean Regional Spectral Units

**(51)** Int. Cl.

**G06K 9/00** ( 2006.01 )

**G06F 17/18** ( 2006.01 )

**G06Q 50/02** ( 2012.01 )

**G06T 7/10** ( 2017.01 )

**G06T 7/11** ( 2017.01 )

**G06T 7/174** ( 2017.01 )

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(21) 2021101505

(71) Central South University of Forestry and Technology; SUOFEIYA HOME COLLECTION CO., LTD.  
(11) AU-A-2021101622  
(21) 2021101622 (22) 29.03.2021  
(54) MATERIAL SORTING DEVICE USED FOR ARTIFICIAL BOARD PRODUCTION  
(51) Int. Cl.  
*B07B 1/48* (2006.01 )  
*B03B 4/04* (2006.01 )  
*B03C 1/32* (2006.01 )  
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(21) 2021101805

(71) Chatterjee, A.; Bose, S.; Mukherjee, G.; Chatterjee, J.  
(11) AU-A-2021101805  
(21) 2021101805 (22) 08.04.2021  
(54) DEVELOPMENT OF INDIAN ORAL CANCER RISK SCORE AND INDEX  
(51) Int. Cl.  
*G16H 50/30* (2018.01 )  
*A61B 5/00* (2006.01 )  
*G16H 30/40* (2018.01 )  
*C12Q 1/68* (2018.01 )  
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(21) 2021100894

(71) Chengdu University of Information Technology; Sichuan Agricultural University  
(11) AU-A-2021101743  
(21) 2021101743 (22) 06.04.2021  
(54) Preparation Method of Polygonatum sibiricum Tea Bag Combined with Exercise for Prevention and Adjuvant Therapy for Hyperglycemia  
(51) Int. Cl.  
*A61K 36/8969* (2006.01 )  
*A23F 3/06* (2006.01 )  
*A23F 3/22* (2006.01 )  
*A61K 36/074* (2006.01 )  
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(71) China Commerce Networks (Shanghai) Co., Ltd.  
(11) AU-A-2021101425  
(21) 2021101425 (22) 19.03.2021  
(54) METHOD AND APPARATUS FOR GENERATING IDENTITY LABEL FOR ANTI-COUNTERFEITING AND TRACEBACK, AND CONTAINER COVER FOR ANTI-COUNTERFEITING AND TRACEBACK  
(51) Int. Cl.  
*B67B 3/00* (2006.01 )  
*B41J 3/407* (2006.01 )  
*B65C 9/46* (2006.01 )  
*G06K 19/06* (2006.01 )  
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(72) Chen, Min  
(74) FAL PATENTS PTY LTD

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(51) Int. Cl.  
*E21D 9/00* (2006.01 )  
*E02D 5/36* (2006.01 )

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(72) ZHANG, Xiangping; LI, Laosan; HUANG, Anjian; ZHANG, Xin  
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(11) AU-A-2021101801  
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(54) MULTI-FUNCTIONAL ARTIFICIAL LAWN WITH OVERLOCK  
(51) Int. Cl.  
*E01C 13/08* (2006.01 )  
*D06N 7/00* (2006.01 )  
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(45) 27.05.2021  
(72) Wu, Yijia; Zhao, Chungui  
(74) Remarkable IP

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(21) 2021101710 (22) 02.04.2021  
(54) METHOD FOR PREPARING LARGE-AREA FLEXIBLE ELECTROLUMINESCENT NANOFIBER NET  
(51) Int. Cl.  
*H01L 51/56* (2006.01 )  
*B32B 5/02* (2006.01 )  
*B32B 7/025* (2019.01 )  
*B32B 9/00* (2006.01 )  
*B32B 15/14* (2006.01 )  
*B82Y 40/00* (2011.01 )  
*H01L 51/50* (2006.01 )  
*H05B 33/12* (2006.01 )  
*H01G 11/36* (2013.01 )  
(45) 27.05.2021  
(72) Bi, Sheng; HAN, Xu; SUN, Yeqing  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**DARNEY, P. see K., H.**  
(21) 2021100989

(71) deepLink Pty Ltd  
(11) AU-A-2021101607

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(21) 2021101607 (22) 29.03.2021  
**(54)** ROOM DOOR UNIT TO PREVENT THE DIFFUSION OF UNCLEAN AIR  
**(51)** Int. Cl.  
*F24F 3/167* ( 2021.01 )  
*B01L 1/04* ( 2006.01 )  
*F24F 8/22* ( 2021.01 )  
*E06B 3/32* ( 2006.01 )  
*E06B 3/36* ( 2006.01 )  
*E06B 3/46* ( 2006.01 )  
*E06B 5/12* ( 2006.01 )  
*F24F 9/00* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Shen, Wenlong  
**(74)** deepLink Pty Ltd

**Devi, V.A. see Nayyar, A.**  
**(21)** 2021101362

**Dhiman, P. see GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**(21)** 2021101457

**Dilkush, S. see Patil, R.**  
**(21)** 2021101573

**(71)** doewes, R.; Ahmed, A.A.A.; Bhagat, A.; Nair, R.; Donepudi, P.K.; GOON, S.; Jain, V.; Gupta, S.; Rathore, N.K.; Jain, N.K.  
**(11)** AU-A-2021101792  
**(21)** 2021101792 (22) 08.04.2021  
**(54)** A regression analysis based system for sentiment analysis and a method thereof  
**(51)** Int. Cl.  
*G06N 20/00* ( 2019.01 )  
*G06K 9/62* ( 2006.01 )  
*G06N 7/00* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Doewes, Rumi Iqbal; Ahmed, Alim Al Ayub; Bhagat, Amit; Nair, Rajit; Donepudi, Praveen Kumar; GOON, SURAJIT; Jain, Vaibhav; Gupta, Sweta; Rathore, Neeraj Kumar; Jain, Neelesh Kumar  
**(74)** Rumi Iqbal Doewes

**Donepudi, P.K. see doewes, R.**  
**(21)** 2021101792

**D P, G. see Patil, R.**  
**(21)** 2021101573

**Dwivedi, G. see Rajak, U.**  
**(21)** 2021100894

**E, D. see Patil, R.**  
**(21)** 2021101573

**(71)** Elmich Pte Ltd  
**(11)** AU-A-2021101806

**(21)** 2021101806 (22) 08.04.2021  
**(54)** Extender for pedestal  
**(51)** Int. Cl.  
*E04F 15/024* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Lee, Alan Sian Ghee; Greaves, Henry; Lim, Raymond Kok Hua; Yuen, Jonathan Xi  
**(74)** FB Rice Pty Ltd

**(71)** Equanimity Consultancy  
**(11)** AU-A-2021101729  
**(21)** 2021101729 (22) 05.04.2021  
**(54)** Equanimity Gauge  
**(51)** Int. Cl.  
*G09B 7/06* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06Q 50/22* ( 2018.01 )  
*G06Q 90/00* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** O'Shea, Horatio  
**(74)** Equanimity Consultancy

**(71)** Evacusmart IP Pty Ltd  
**(11)** AU-A-2021100902  
**(21)** 2021100902 (22) 16.02.2021  
**(54)** A control system for optimising emergency multi-storey building stairwell evacuation  
**(51)** Int. Cl.  
*G06Q 90/00* ( 2006.01 )  
*A62B 3/00* ( 2006.01 )  
*A62B 5/00* ( 2006.01 )  
*A62C 99/00* ( 2010.01 )  
*E05B 47/00* ( 2006.01 )  
*G08B 17/00* ( 2006.01 )  
*G08B 21/00* ( 2006.01 )  
**(45)** 27.05.2021  
**(62)** 2016345066  
**(72)** Comello, Allan  
**(74)** FORWARD INTELLECTUAL PROPERTY PTY LTD

**(71)** Filtaworx Pty Ltd  
**(11)** AU-A-2019101795  
**(21)** 2019101795 (22) 03.09.2019  
**(54)** Cleaning arrangement for a filter vessel  
**(51)** Int. Cl.  
*B01D 29/64* ( 2006.01 )  
*B01D 35/16* ( 2006.01 )  
**(31)** 2018903259 (32) 04.09.18 (33) AU  
**(45)** 27.05.2021  
**(72)** MENKE, Walter Antonius  
**(74)** Davies Collison Cave Pty Ltd

**FUELIX International Pvt Ltd see GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**(21)** 2021101457

**G, S.S. see T., S.**  
**(21)** 2021100960

**(71)** GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY; GALGO-

TIAS UNIVERSITY; FUELIX International Pvt Ltd; Maduri, P.K.; Sharma, V.; Kaur, J.; Anjum, S.; Dhiman, P.; Kaushal, A.

**(11)** AU-A-2021101457  
**(21)** 2021101457 (22) 22.03.2021  
**(54)** Photo Hydroponics Chamber with Automatic Climate Control  
**(51)** Int. Cl.  
*A01G 31/02* ( 2006.01 )  
*A01G 31/06* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Maduri, Praveen Kumar; Sharma, Vishnu; Kaushal, Avinash; Dhiman, Preeti; Anjum, Shehroz; Kaur, Japjeet; Soni, Apurva; Singh, Kushagra  
**(74)** Kushagra Singh

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**(21)** 2021101457

**Ganguli, S. see Nijhawan, P.**  
**(21)** 2021101651

**(71)** Gansu Agricultural University  
**(11)** AU-A-2021101641  
**(21)** 2021101641 (22) 30.03.2021  
**(54)** A Method for measuring soil bulk density  
**(51)** Int. Cl.  
*G01N 33/24* ( 2006.01 )  
*G01N 1/28* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Niu, Yining; Chai, Qiang; Luo, Zhuzhu  
**(74)** Alder IP Pty Ltd

**Gavaskar, D.S. see NAGARAJU, P.**  
**(21)** 2021101790

**GHOSH, A. see MUKHERJEE, D.**  
**(21)** 2021101793

**GOON, S. see doewes, R.**  
**(21)** 2021101792

**(71)** Guangxi University  
**(11)** AU-A-2021101523  
**(21)** 2021101523 (22) 25.03.2021  
**(54)** A Flotation Recovery Method for Refractory Lead Oxide Minerals  
**(51)** Int. Cl.  
*B03D 1/018* ( 2006.01 )  
*B03B 1/04* ( 2006.01 )  
*C22B 3/00* ( 2006.01 )  
*C22B 3/20* ( 2006.01 )  
**(45)** 27.05.2021  
**(72)** Chen, Jianhua  
**(74)** Alder IP Pty Ltd

**Gupta, J. see Nijhawan, P.**  
**(21)** 2021101651

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(21) 2021101792

**Gupta, M. see Shukla, A.**  
(21) 2021101819

**H., S.K. see T., S.**  
(21) 2021100960

(71) Hangzhou Fudemin Biotechnology Co., Ltd.  
(11) AU-A-2021101488  
(21) 2021101488 (22) 23.03.2021  
(54) Immunofluorescent assay test strip for egg, use thereof, and detection method using same  
(51) Int. Cl.  
*G01N 33/533* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
*G01N 33/558* ( 2006.01 )  
*G01N 33/68* ( 2006.01 )  
(31) 202011341087.0 (32) 25.11.20 (33) CN  
(45) 27.05.2021  
(72) Feng, Ying; Wu, Yong; Li, Xin; Meng, Xuanyi; Tong, Ping; Yuan, Juanli  
(74) Davies Collison Cave Pty Ltd

**Hans, K. see Shukla, A.**  
(21) 2021101819

(71) Harbin Institute of Technology  
(11) AU-A-2021100659  
(21) 2021100659 (22) 02.02.2021  
(54) Method for Forming Complex Closed Hollow Thin-Walled Component by Additive Powder Sintering  
(51) Int. Cl.  
*B22F 3/16* ( 2006.01 )  
*B22F 5/10* ( 2006.01 )  
*B22F 7/02* ( 2006.01 )  
*B22F 10/20* ( 2021.01 )  
*B29C 64/153* ( 2017.01 )  
*B29C 64/188* ( 2017.01 )  
*B22F 3/00* ( 2021.01 )  
*B22F 3/15* ( 2006.01 )  
*B22F 5/00* ( 2006.01 )  
*B30B 11/02* ( 2006.01 )  
*B30B 15/02* ( 2006.01 )  
(45) 27.05.2021  
(72) WANG, Dongjun; LIU, Gang; YUAN, Shijian  
(74) Golja Haines & Friend

**Hashmi, A. see Shukla, A.**  
(21) 2021101819

(71) Henan University Of Urban Construction  
(11) AU-A-2021101678  
(21) 2021101678 (22) 31.03.2021

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(51) Int. Cl.  
*G01N 33/42* ( 2006.01 )  
*E02D 1/02* ( 2006.01 )  
*G01L 1/00* ( 2006.01 )  
*G06F 30/23* ( 2020.01 )  
(45) 27.05.2021  
(72) Zheng, Chao; Zhang, Shuo; Guo, Lulu; Long, Dan; Yang, Mingfei  
(74) Ran Tao

(71) Henan University Of Urban Construction  
(11) AU-A-2021101679  
(21) 2021101679 (22) 31.03.2021  
(54) ADJUSTABLE SUPPORTING DEVICE FOR GEOTECHNICAL ENGINEERING  
(51) Int. Cl.  
*E02D 17/20* ( 2006.01 )  
*E02D 17/04* ( 2006.01 )  
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(72) Zhang, Shuo; Zheng, Chao; Guo, Lulu; Long, Dan; Yang, Mingfei  
(74) Ran Tao

(71) Huaqiao University  
(11) AU-A-2021101749  
(21) 2021101749 (22) 06.04.2021  
(54) METHOD FOR MEASURING INTER-FACE BONDING STRENGTH OF ULTRA-FINE ABRASIVE AND POLYMER MATRIX MATERIAL  
(51) Int. Cl.  
*G01N 19/04* ( 2006.01 )  
*B24D 3/00* ( 2006.01 )  
*C09K 3/14* ( 2006.01 )  
*C08K 3/04* ( 2006.01 )  
(45) 27.05.2021  
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(74) Davies Collison Cave Pty Ltd

(71) Institute of Acoustics, Chinese Academy of Sciences  
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(21) 2021101774 (22) 07.04.2021  
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(51) Int. Cl.  
*H02J 1/04* ( 2006.01 )  
*H02H 3/16* ( 2006.01 )  
*H04L 12/10* ( 2006.01 )  
(45) 27.05.2021  
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(74) Madderns Pty Ltd

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

Changsha Branch of Hunan Tobacco Company; Central-South Agricultural Experiment Station of China Tobacco  
(11) AU-A-2021101505  
(21) 2021101505 (22) 24.03.2021  
(54) SEEDLING SUBSTRATE AND PREPARATION METHOD AND USE THEREOF  
(51) Int. Cl.  
*A01G 24/00* ( 2018.01 )  
*C05B 17/00* ( 2006.01 )  
*C05D 1/04* ( 2006.01 )  
*C05D 9/02* ( 2006.01 )  
*C05F 3/00* ( 2006.01 )  
*C05F 11/08* ( 2006.01 )  
*C05G 3/80* ( 2020.01 )  
(31) CN202010567454.2(32) 19.06.20 (33) CN  
(45) 27.05.2021  
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(74) Madderns Pty Ltd

(71) Institute of Plant Protection Guangxi Academy of Agricultural Sciences; Sericulture Technology Promotion Station of Guangxi Zhuang  
(11) AU-A-2021101668  
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(51) Int. Cl.  
*A01M 1/20* ( 2006.01 )  
*A01M 1/10* ( 2006.01 )  
*A01M 1/16* ( 2006.01 )  
*A01N 51/00* ( 2006.01 )  
*A01N 57/20* ( 2006.01 )  
*A01P 7/02* ( 2006.01 )  
*A01N 25/04* ( 2006.01 )  
*A01N 27/00* ( 2006.01 )  
*A01N 47/22* ( 2006.01 )  
*A01N 47/24* ( 2006.01 )  
*A01N 57/12* ( 2006.01 )  
(45) 27.05.2021  
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(74) Banner Jordan IP

**J., A.K.G. see K., H.**  
(21) 2021100989

**J., S. see K., H.**  
(21) 2021100989

**Jagadeesh, N. see Patil, R.**  
(21) 2021101573

**Jain, V. see doewes, R.**  
(21) 2021101792

**Jain, N.K. see doewes, R.**  
(21) 2021101792

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(21) 2021101362

Jiangsu Zongshen Car Industry Co., Ltd  
see Xuzhou University of Technology  
(21) 2021101807

(71) Jilin University  
(11) AU-A-2021101831  
(21) 2021101831 (22) 09.04.2021  
(54) A Deep Neural Network Based Inverse Modeling Method for Multicomponent Reactive Transport  
(51) Int. Cl.  
G05B 13/02 (2006.01)  
G05B 13/04 (2006.01)  
G06N 3/08 (2006.01)  
(45) 27.05.2021  
(72) Dai, Zhenxue; Chen, Junjun; Yang, Zhijie  
(74) Alder IP Pty Ltd

(71) Jingtangshan University  
(11) AU-A-2021101772  
(21) 2021101772 (22) 07.04.2021  
(54) MEDIUM COMBINATION FOR TISSUE CULTIVATION OF VIRUS-FREE SEED ROOT TUBERS (MICRO-ROOT TUBERS) OF VIRUS-FREE RADIX PSEUDOSTELLARIAE  
(51) Int. Cl.  
A01H 4/00 (2006.01)  
C12N 5/00 (2006.01)  
(45) 27.05.2021  
(72) Li, Xiaohong; HU, Xuehua; WU, Yang; ZENG, Jianjun  
(74) HopgoodGanim

(71) Jingtangshan University  
(11) AU-A-2021101773  
(21) 2021101773 (22) 07.04.2021  
(54) MEDIUM COMBINATION FOR RAPID IN VITRO CULTIVATION OF ACTINIDIA CHINENSIS SEEDLINGS  
(51) Int. Cl.  
A01G 2/10 (2018.01)  
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A01H 4/00 (2006.01)  
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(51) Int. Cl.  
B29D 22/00 (2006.01)  
B29B 11/02 (2006.01)  
B29B 11/08 (2006.01)  
B29B 13/02 (2006.01)  
B29B 13/04 (2006.01)  
B29C 49/00 (2006.01)  
B29C 49/02 (2006.01)  
B29C 49/64 (2006.01)  
B29C 41/00 (2006.01)  
B29C 41/02 (2006.01)  
C08G 63/06 (2006.01)

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(74) viji arun

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(21) 2021101573

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(21) 2021101457

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(21) 2021101457

Kaviti, R.V.P. see Patil, R.  
(21) 2021101573

(71) Kilinc, M.  
(11) AU-A-2021101800  
(21) 2021101800 (22) 08.04.2021  
(54) An Automatic Feeding Apparatus  
(51) Int. Cl.  
A61J 9/06 (2006.01)  
A61J 9/00 (2006.01)  
A61J 9/04 (2006.01)  
A61J 11/00 (2006.01)  
A61J 11/04 (2006.01)  
(31) 2020901145 (32) 09.04.20 (33) AU  
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(72) Kilinc, Mesut  
(74) Stellar Law Pty Ltd

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(21) 2021101362

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(21) 2021100894

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(21) 2021100894

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(21) 2021100894

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(21) 2021101573

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(21) 2021101793

(71) LEASEN STEEL INTERNATIONAL PTY LTD  
(11) AU-A-2021101638  
(21) 2021101638 (22) 30.03.2021  
(54) HIGH-TEMPERATURE-RESISTANT COLOR-COATED STEEL PLATE COATING, COLOR-COATED STEEL PLATE CONTAINING SAME AND THEIR PREPARATION METHODS  
(51) Int. Cl.  
C09D 163/00 (2006.01)  
B05D 5/00 (2006.01)  
C23C 18/00 (2006.01)  
C23C 30/00 (2006.01)  
(45) 27.05.2021  
(72) ZHENG, Bill  
(74) Remarkable IP

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(11) AU-A-2021101639  
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(51) Int. Cl.  
C09D 163/00 (2006.01)  
B05D 5/00 (2006.01)  
C09D 5/08 (2006.01)  
C09D 5/16 (2006.01)  
C23C 4/04 (2006.01)  
C09D 7/47 (2018.01)  
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(74) Remarkable IP

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(21) 2021100960

(71) Limardi, K.  
(11) AU-A-2021101635  
(21) 2021101635 (22) 30.03.2021  
(54) Anti-Pollution Mask for Respiratory Protection  
(51) Int. Cl.  
A62B 23/02 (2006.01)  
A41D 13/11 (2006.01)  
A61L 9/013 (2006.01)  
A61L 9/04 (2006.01)  
A62B 18/02 (2006.01)  
(31) 2020901022 (32) 02.04.20 (33) AU  
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(72) Limardi, Kurniaty  
(74) Kurniaty Limardi

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(21) 2021100960

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(21) 2021100960

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(21) 2021101573

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(21) 2021101573

**Maduri, P.K. see GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
(21) 2021101457

**Mahajan, A.P. see Rao, Y.R.M.**  
(21) 2021101514

**Mahapatra, B. see Nayyar, A.**  
(21) 2021101362

**Modani, P.O. see Rao, Y.R.M.**  
(21) 2021101514

**Mohod, M.V. see Rao, Y.R.M.**  
(21) 2021101514

**Mukherjee, G. see Chatterjee, A.**  
(21) 2021101805

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(11) AU-A-2021101793  
(21) 2021101793 (22) 08.04.2021  
(54) A METHOD FOR ANALYZING AND OPTIMIZING VIOLENCE AGAINST WOMEN ON SOCIAL NETWORKING SITES  
(51) Int. Cl.  
G06Q 50/00 (2012.01)  
G06Q 50/22 (2018.01)  
G06Q 50/26 (2012.01)  
(45) 27.05.2021  
(72) MUKHERJEE, DEEP; RAJA, G. LLOYDS; KUNDU, PALASH; GHOSH, APURBA  
(74) DEEP MUKHERJEE

**Muley, P. see Rajak, U.**  
(21) 2021100894

(71) NAGARAJU, P.; Sreekanth, T.; Vijayakumar, Y.; Reddy, P.; Ramanareddy, M.; Gavaskar, D.S.  
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(21) 2021101790 (22) 08.04.2021

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(51) Int. Cl.  
G01N 33/00 (2006.01)  
G01N 27/04 (2006.01)  
G01N 27/12 (2006.01)

(45) 27.05.2021

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(74) P. NAGARAJU

**Nair, R. see doewes, R.**  
(21) 2021101792

(71) Nanjing Agricultural University; Suzhou Yirun Food Technology Co., Ltd.

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(21) 2021101811 (22) 08.04.2021

(54) DEVICE FOR PREPARATION OF HIGH-THROUGHPUT PLASMA-ACTIVATED LIQUID

(51) Int. Cl.  
C02F 1/46 (2006.01)  
H05H 1/24 (2006.01)

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(71) Nanjing Chervon Industry Co., Ltd.

(11) AU-A-2021101418  
(21) 2021101418 (22) 19.03.2021

(54) STRING TRIMMER

(51) Int. Cl.  
A01D 34/416 (2006.01)  
A01D 34/90 (2006.01)

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(74) Madderns Pty Ltd

(71) Nanjing Hydraulic Research Institute

(11) AU-A-2021101785  
(21) 2021101785 (22) 07.04.2021

(54) METHOD FOR SELECTING SANDY BEACH SITE ON MUDDY COAST

(51) Int. Cl.  
G06F 30/20 (2020.01)  
E02B 3/00 (2006.01)

(31) 202010273525.8 (32) 09.04.20 (33) CN  
(45) 27.05.2021

(72) ZHANG, Lei

(74) Wallington-Dummer

**Nashine, P. see Rajak, U.**  
(21) 2021100894

**Nath, R.K. see Shukla, A.**  
(21) 2021101819

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(11) AU-A-2021101362  
(21) 2021101362 (22) 16.03.2021

(54) A Wireless Networking of Medical Equipment's on Mobile Application for Paperless Clinic

(51) Int. Cl.  
G16H 40/67 (2018.01)  
A61B 5/00 (2006.01)  
H04B 7/155 (2006.01)  
H04L 29/08 (2006.01)  
H04W 48/18 (2009.01)  
H04W 88/04 (2009.01)  
G16H 40/40 (2018.01)

(45) 27.05.2021

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(74) Anand Nayyar

(71) Nijhawan, P.; Gupta, J.; Ganguli, S.

(11) AU-A-2021101651  
(21) 2021101651 (22) 30.03.2021

(54) HYBRID ENERGY GENERATION SYSTEM

(51) Int. Cl.  
H02S 10/10 (2014.01)  
H01M 8/04992 (2016.01)  
H01M 16/00 (2006.01)  
H02J 3/38 (2006.01)  
H02S 40/38 (2014.01)  
H02J 3/00 (2006.01)  
H02J 13/00 (2006.01)

(45) 27.05.2021

(72) Nijhawan, Parag; Gupta, Jyoti; Ganguli, Souvik

(74) Radian Global PTY LTD

**Ningbo University of Technology see Zhejiang Nhu Co., Ltd**  
(21) 2021101796

(71) North China University of Technology

(11) AU-A-2021101486  
(21) 2021101486 (22) 23.03.2021

(54) A Precise Compounding Method of Heterogeneous Components in the Process of Preparing SiC/Al Composite by Pressureless Infiltration Method

(51) Int. Cl.  
B22D 19/14 (2006.01)  
B22D 23/06 (2006.01)  
C22C 1/02 (2006.01)  
C22C 1/10 (2006.01)  
C22C 29/06 (2006.01)  
C22C 49/06 (2006.01)

(45) 27.05.2021

(72) Cui, Yan; Yang, Yue; Cao, Leigang

(74) Alder IP Pty Ltd

(71) North China University of Water Resources and Electric Power

(11) AU-A-2021101817  
(21) 2021101817 (22) 08.04.2021

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- (54) DEVICE, SYSTEM AND METHOD FOR DETECTING DISTRIBUTION OF RIVERBED SEDIMENTS BASED ON GROUND PENETRATING RADAR
- (51) Int. Cl.  
**G01S 13/88** ( 2006.01 )  
**B63B 35/00** ( 2020.01 )  
**G01C 7/00** ( 2006.01 )  
**G01L 7/00** ( 2006.01 )  
**G01S 13/08** ( 2006.01 )
- (31) 202010335961.3 (32) 25.04.20 (33) CN  
(45) 27.05.2021  
(72) ZHAO, Guizhang; SUN, Wanli; Qiao, Cuiping; YAN, Yongshuai; SUO, Kui; HU, Mengjiao; GUO, Yibo; GUO, Pengzhe  
(74) Matthias Scholl Inc.
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- (71) Ott Earthmoving Pty Ltd  
(11) AU-A-2021101465  
(21) 2021101465 (22) 22.03.2021  
(54) Rectangular/Square Delineator Adapter Sign Mount Joiner  
(51) Int. Cl.  
**E01F 9/608** ( 2016.01 )  
**E01F 9/619** ( 2016.01 )  
(45) 27.05.2021  
(72) Winten, Lachlan  
(74) Ott Earthmoving Pty Ltd
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- (71) Overdose Group Pty Ltd  
(11) AU-A-2021101777  
(21) 2021101777 (22) 07.04.2021  
(54) Automatic Supplement Dispenser  
(51) Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**A47J 31/40** ( 2006.01 )  
**A47J 31/60** ( 2006.01 )  
**B67D 1/07** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
(45) 27.05.2021  
(72) Hannoun, Elie; Penaherrera Espinoza, Vinicio Roberto  
(74) Overdose Group Pty Ltd
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- (71) OXTI CORPORATION  
(11) AU-A-2021101548  
(21) 2021101548 (22) 26.03.2021  
(54) QUICKLY-FIXABLE ELECTRONIC DEVICE  
(51) Int. Cl.  
**F16M 13/02** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 11/10** ( 2006.01 )  
**F16M 11/20** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
(45) 27.05.2021  
(72) HO, CHIH FENG  
(74) Alfred Lei
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- (71) Pandey, V.; Soni, V.  
(11) AU-A-2021101572  
(21) 2021101572 (22) 27.03.2021  
(54) A METHOD FOR PRODUCING SURFACE MODIFIED SILK FIBROIN NANOPARTICLES FOR IMPROVED DELIVERY OF DOXORUBICIN  
(51) Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 31/704** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(45) 27.05.2021  
(72) Pandey, Vikas; Soni, Vandana  
(74) Vikas Pandey
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- Parwate, A.V. see Rao, Y.R.M.**  
(21) 2021101514
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- (71) Patil, R.; Kamble, K.S.; Jagadeesh, N.; V G, B.; E, D.; Kaviti, R.V.P.; Kumar, T.C.A.; Dilkush, S.; Rao, J.V.; D P, G.; M.R, M.G.; M.R, K.G.  
(11) AU-A-2021101573  
(21) 2021101573 (22) 27.03.2021  
(54) DEVELOPMENT OF MEGAWATT WIND TURBINE FOR OPTIMAL MANAGEMENT OF SMART AGRICULTURAL FARMS  
(51) Int. Cl.  
**G05B 13/04** ( 2006.01 )  
**G05D 3/12** ( 2006.01 )  
**G05D 27/02** ( 2006.01 )  
**H02J 3/38** ( 2006.01 )  
**H02P 9/00** ( 2006.01 )  
**H02P 9/04** ( 2006.01 )  
**H02P 9/06** ( 2006.01 )  
**F03D 1/00** ( 2006.01 )  
**H02P 101/15** ( 2016.01 )  
(45) 27.05.2021  
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(74) Rekha Srinivasan
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- Patrik, A. see Shukla, A.**  
(21) 2021101819
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- (71) P J & J R PHILLIPS PTY LTD  
(11) AU-A-2021101784  
(21) 2021101784 (22) 07.04.2021  
(54) A WHEEL PROTECTOR  
(51) Int. Cl.  
**B60B 7/06** ( 2006.01 )  
**B60B 7/00** ( 2006.01 )  
**B60B 7/08** ( 2006.01 )  
**B60J 11/10** ( 2006.01 )  
(45) 27.05.2021  
(72) Green, Steven  
(74) Michael Buck IP
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- pulla, B. see T., S.**  
(21) 2021100960
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- (71) Qingdao Agricultural University  
(11) AU-A-2021101842  
(21) 2021101842 (22) 09.04.2021  
(54) Multifunctional petri dish revolving table  
(51) Int. Cl.  
**C12M 3/00** ( 2006.01 )  
**B01L 9/00** ( 2006.01 )  
**B01L 9/02** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 1/22** ( 2006.01 )  
**C12M 1/30** ( 2006.01 )  
(45) 27.05.2021  
(72) Liu, Baotao; Wang, Han  
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(11) AU-A-2021100686  
(21) 2021100686 (22) 03.02.2021  
(54) CULTURE MEDIUM FOR SCREENING PEANUT SALT-TOLERANT BODY AND METHOD FOR SCREENING PEANUT SALT-TOLERANT BODY  
(51) Int. Cl.  
**C12N 5/04** ( 2006.01 )  
**A01H 1/04** ( 2006.01 )  
**A01H 4/00** ( 2006.01 )  
**A01H 6/54** ( 2018.01 )  
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(45) 27.05.2021  
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(74) MOHAN MURALI KODIVEL
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- (71) Qingdao University of Science Technology  
(11) AU-A-2021101750  
(21) 2021101750 (22) 06.04.2021  
(54) Seed Crystal Preparation Method Applied to Crystallization Process  
(51) Int. Cl.  
**C30B 7/08** ( 2006.01 )  
(45) 27.05.2021  
(72) Zhang, Fangkun; Shan, Baoming; Zhu, Zhaoyou; Wang, Yinglong  
(74) Alder IP Pty Ltd
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(21) 2021100989
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(21) 2021100989
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- Raghatate, A.M. see Rao, Y.R.M.**  
(21) 2021101514
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- RAJA, G.L. see MUKHERJEE, D.**  
(21) 2021101793
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- (71) Rajak, U.; Kumar, R.; Muley, P.; Sinha, S.L.; Nashine, P.; Dwivedi, G.; Singh, T.S.; Kumar, S.; Chaurasiya, P.K.; Kumar, T.R.  
(11) AU-A-2021100894  
(21) 2021100894 (22) 15.02.2021

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 (51) Int. Cl.  
*B23K 20/12* ( 2006.01 )  
*B23K 20/02* ( 2006.01 )  
 (45) 27.05.2021  
 (72) Rajak, Upendra; Kumar, Rohit; Muley, Pradeep; Sinha, Shobha Lata; Nashine, Prerana; Dwivedi, Gaurav; Singh, Thokchom Subhaschandra; Kumar, Sakendra; Chaurasiya, Prem Kumar; Kumar, Tulala Rajasanthosh  
 (74) Upendra Rajak

Ramakrishna, .. see T., S.  
 (21) 2021100960

Raman, N.S. see Rao, Y.R.M.  
 (21) 2021101514

Ramanareddy, M. see NAGARAJU, P.  
 (21) 2021101790

- (71) Rao, Y.R.M.; Tiwari, A.V.; Parwate, A.V.; Thakare, S.B.; Raman, N.S.; Modani, P.O.; Saraf, S.S.; Mohod, M.V.; Raghatale, A.M.; Mahajan, A.P.  
 (11) AU-A-2021101514  
 (21) 2021101514 (22) 24.03.2021  
 (54) METHOD AND INTEGRATED MACHINE FOR CONSTRUCTION OF COMPOSITE PLASTIC BITUMINOUS CONCRETE PAVEMENT  
 (51) Int. Cl.  
*E01C 19/05* ( 2006.01 )  
*C08L 95/00* ( 2006.01 )  
*E01C 3/00* ( 2006.01 )  
*E01C 19/08* ( 2006.01 )  
*E01C 19/16* ( 2006.01 )  
*E01C 19/45* ( 2006.01 )  
 (45) 27.05.2021  
 (72) Rao, Yerra Rama Mohan; Tiwari, Anurag Virendra; Parwate, Arun Vishwanath; Thakare, Sunil Bhimrao; Raman, Nanjuda Swami; Modani, Prashant Omprakash; Saraf, Sachin Satishchandra; Mohod, Milind Vishwas; Raghatale, Atul Manohar; Mahajan, Amit Pundalikrao  
 (74) Yerra Rama Mohan Rao

Rao, J.V. see Patil, R.  
 (21) 2021101573

Rathore, N.K. see doewes, R.  
 (21) 2021101792

Reddy, P. see NAGARAJU, P.  
 (21) 2021101790

- (71) Rodney John Gould & Diahann Maree McKenzie  
 (11) AU-A-2021101662  
 (21) 2021101662 (22) 31.03.2021  
 (54) Portable fold out pet shade  
 (51) Int. Cl.  
*A01K 1/00* ( 2006.01 )  
*E04H 15/38* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E04H 15/58* ( 2006.01 )  
*A45B 23/00* ( 2006.01 )  
 (31) 2020902892 (32) 14.08.20 (33) AU  
 (45) 27.05.2021  
 (72) McKenzie, Diahann; Gould, Rodney  
 (74) Rodney John Gould & Diahann Maree McKenzie

S., S. see K., H.  
 (21) 2021100989

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 (21) 2021100989

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 (21) 2021100989

Saraf, S.S. see Rao, Y.R.M.  
 (21) 2021101514

Sericulture Technology Promotion Station of Guangxi Zhuang see Institute of Plant Protection Guangxi Academy of Agricultural Sciences  
 (21) 2021101668

Shandong Computer Science Center (National Supercomputing Center in Jinan) see Shandong Institute of Artificial Intelligence  
 (21) 2020104423

- (71) Shandong Institute for Food and Drug Control  
 (11) AU-A-2021101503  
 (21) 2021101503 (22) 24.03.2021  
 (54) METHOD FOR DETECTING THE CONTENT OF CONSTANTS AND IMPURITY ELEMENTS IN MONTMORILLONITE, POWDERS AND TABLETS THEREOF  
 (51) Int. Cl.  
*G01N 1/38* ( 2006.01 )  
*G01N 1/44* ( 2006.01 )  
*H01J 49/10* ( 2006.01 )  
 (31) 202110234832X (32) 03.03.21 (33) CN  
 (45) 27.05.2021  
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 (74) Madderns Pty Ltd

(71) Shandong Institute of Artificial Intelligence; Shandong Computer Science

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 (11) AU-A-2020104423  
 (21) 2020104423 (22) 08.07.2020  
 (54) Multi-View Three-Dimensional Model Retrieval Method Based on Non-Local Graph Convolutional Network  
 (51) Int. Cl.  
*G06K 9/62* ( 2006.01 )  
*G06N 3/04* ( 2006.01 )  
*G06N 3/08* ( 2006.01 )  
 (31) 201910848660.8 (32) 09.09.19 (33) CN  
 (45) 27.05.2021  
 (72) GAO, Zan; LI, Yinmin; CHENG, Zhiyong; CHEN, Da; SHU, Minglei; NIE, Liqiang  
 (74) Arceo IP

- (71) Shanghai University of Engineering Science  
 (11) AU-A-2021101664  
 (21) 2021101664 (22) 31.03.2021  
 (54) Polishing method for inner and outer surfaces of complex cavity additive manufacturing parts  
 (51) Int. Cl.  
*B29C 64/188* ( 2017.01 )  
*B22F 5/10* ( 2006.01 )  
*B22F 10/50* ( 2021.01 )  
*B29C 64/194* ( 2017.01 )  
*B29C 64/371* ( 2017.01 )  
*B33Y 10/00* ( 2015.01 )  
*B33Y 40/20* ( 2020.01 )  
 (45) 27.05.2021  
 (72) He, Bo; Gao, Shuang; Lan, Liang; Tan, Zhijun; Jin, Xinyuan  
 (74) Alder IP Pty Ltd

- (71) Shangluo University  
 (11) AU-A-2021101838  
 (21) 2021101838 (22) 09.04.2021  
 (54) A HIGH-PERFORMANCE OXYGEN REDUCTION CATALYST  
 (51) Int. Cl.  
*B01J 31/18* ( 2006.01 )  
*B01J 21/18* ( 2006.01 )  
*H01M 4/88* ( 2006.01 )  
*H01M 4/90* ( 2006.01 )  
 (31) 202110241420.9 (32) 04.03.21 (33) CN  
 (45) 27.05.2021  
 (72) Chen, Fengying; Di, Youying; Liu, Ping; Ren, Youliang; Zhang, Guochun; Zhao, Yongli  
 (74) Ran Tao

Sharma, V. see GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY  
 (21) 2021101457

- (71) Shen, G.  
 (11) AU-A-2021101510  
 (21) 2021101510 (22) 24.03.2021  
 (54) Vertical Shaft Wind Turbine Applying a Wind Turbine Propeller  
 (51) Int. Cl.  
*F03D 3/00* ( 2006.01 )  
*F03D 3/06* ( 2006.01 )

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 (74) HopgoodGanim

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(21) 2021101362

(71) Shukla, A.; Singh, S.; Patrik, A.; Nath, R.K.; Ahmad, T.; Hans, K.; Hashmi, A.; Gupta, M.; Chauhan, S.; Sinha, M.

(11) AU-A-2021101819

(21) 2021101819 (22) 08.04.2021

(54) Items Selecting Recommender System Using AI- Based and Deep Learning Programming.

(51) Int. Cl.

G06Q 30/06 ( 2012.01 )

G06Q 30/02 ( 2012.01 )

G06N 3/02 ( 2006.01 )

G06N 20/00 ( 2019.01 )

(45) 27.05.2021

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 (74) Radian Global PTY LTD

(71) Sichuan Agricultural University

(11) AU-A-2021101644

(21) 2021101644 (22) 30.03.2021

(54) Assembly type earthquake-resistant energy-saving Tibetan-style folk house system and construction method therefor

(51) Int. Cl.

E04B 1/343 ( 2006.01 )

E04B 1/76 ( 2006.01 )

E04B 5/48 ( 2006.01 )

E04F 10/00 ( 2006.01 )

E04F 13/075 ( 2006.01 )

E04H 9/16 ( 2006.01 )

H02S 20/26 ( 2014.01 )

E04B 1/48 ( 2006.01 )

F24D 3/14 ( 2006.01 )

F24S 20/64 ( 2018.01 )

F24S 20/66 ( 2018.01 )

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(74) Shelston IP Pty Ltd.

**Sichuan Agricultural University see Chengdu University of Information Technology**

(21) 2021101743

(71) Sichuan Agricultural University

(11) AU-A-2021101822

(21) 2021101822 (22) 09.04.2021

(54) Novel adjustable device of ditcher

(51) Int. Cl.

A01C 5/06 ( 2006.01 )

A01B 15/14 ( 2006.01 )

(45) 27.05.2021

(72) Lv, Xiaorong; Du, Lihai; Deng, Jiabo; Zhang, Lihua

(74) Alder IP Pty Ltd

(71) Sichuan Agricultural University

(11) AU-A-2021101823

(21) 2021101823 (22) 09.04.2021

(54) Electric screw leveling device

(51) Int. Cl.

B62D 55/116 ( 2006.01 )

A01B 51/02 ( 2006.01 )

(45) 27.05.2021

(72) Lv, Xiaorong; Zhang, Fugui; Li, Ju; Wu, Tengfei; Wang, Tingyu

(74) Alder IP Pty Ltd

(71) Sichuan Animal Science Academy

(11) AU-A-2021101794

(21) 2021101794 (22) 08.04.2021

(54) LIVESTOCK ESTRUS MONITORING DEVICE

(51) Int. Cl.

A01K 29/00 ( 2006.01 )

A61D 17/00 ( 2006.01 )

A61B 5/00 ( 2006.01 )

(45) 27.05.2021

(72) Wang, Wei; Yi, Jun; Fang, Donghui; He, Fang; Deng, Xiaodong; Shi, Yi; Gan, Jia; Liang, Xiaoyu; Hu, Yuanbin; Zhang, Liang; Guo, Xi; Zuo, Zhicai

(74) TIDY TEND GLOBAL PTY LTD

**Sichuan Chengzhuan Technology Co., Ltd see Sichuan University of Science and Engineering**

(21) 2021101830

(71) Sichuan University of Science and Engineering; Sichuan Chengzhuan Technology Co., Ltd

(11) AU-A-2021101830

(21) 2021101830 (22) 09.04.2021

(54) Real-Time Runway Detection for Infrared Aerial Image Using Synthetic Vision and an ROI Based Level Set Method

(51) Int. Cl.

G06K 9/00 ( 2006.01 )

G06T 7/11 ( 2017.01 )

G06T 7/70 ( 2017.01 )

G06T 15/04 ( 2011.01 )

G06T 17/05 ( 2011.01 )

G06T 19/00 ( 2011.01 )

G06T 5/40 ( 2006.01 )

(45) 27.05.2021

(72) Lan, Jiming; Liu, Changjiang; Zheng, Zongliang

(74) LAMINAR IP PTY LTD

(71) Sikkim Manipal Institute of Technology

(11) AU-A-2021101009

(21) 2021101009 (22) 23.02.2021

(54) COPPER GRAPHENE NANOCOMPOSITE ELECTRODE

(51) Int. Cl.

C25D 13/12 ( 2006.01 )

C09D 5/44 ( 2006.01 )

C25D 9/06 ( 2006.01 )

C25D 11/08 ( 2006.01 )

C25D 13/02 ( 2006.01 )

B23H 1/06 ( 2006.01 )

C01B 32/194 ( 2017.01 )

(45) 27.05.2021

(72) Ghadai, Ranjan Kumar; Kalita, Kanak; Sharma, Ashis; Das, Soham; Shivakoti, Ishwer

(74) Sikkim Manipal Institute of Technology

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(21) 2021100894

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(21) 2021101819

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(21) 2021100894

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(21) 2021101819

(71) Société des Produits Nestlé S.A.

(11) AU-A-2016102461

(21) 2016102461 (22) 04.08.2016

(54) Nutritional compositions and infant formulas comprising Bifidobacterium animalis ssp. lactis and optionally a mix of oligosaccharides for inducing a gut microbiota close to the one of breast fed infants

(51) Int. Cl.

A23L 33/135 ( 2016.01 )

A23L 33/00 ( 2016.01 )

A61K 35/745 ( 2015.01 )

(31) 15179741.2 (32) 04.08.15 (33) EP

(45) 27.05.2021

(72) Garcia-Rodenas, Clara Lucia; Berger, Bernard; Rezzonico, Enea

(74) Shelston IP Pty Ltd.

(71) Solar Daily Pty Ltd

(11) AU-A-2021101825

(21) 2021101825 (22) 09.04.2021

(54) PORTABLE SOLAR GENERATION AND STORAGE SYSTEM

(51) Int. Cl.

H02J 1/10 ( 2006.01 )

H02J 7/00 ( 2006.01 )

H02J 7/35 ( 2006.01 )

H02J 9/06 ( 2006.01 )

H02S 10/40 ( 2014.01 )

H02S 40/32 ( 2014.01 )

H05K 5/02 ( 2006.01 )

(45) 27.05.2021

(72) Wilson, Phillip

(74) Michael Buck IP

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(21) 2021101572

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(21) 2021101790

(71) Stewart, H.  
(11) AU-A-2021101802  
(21) 2021101802 (22) 08.04.2021  
(54) A Method and System for Moving an Appliance  
(51) Int. Cl.  
*G06F 3/16* ( 2006.01 )  
*G10L 15/22* ( 2006.01 )  
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(74) Chrysiliou IP

**SUOFEIYA HOME COLLECTION CO., LTD. see Central South University of Forestry and Technology**  
(21) 2021101622

**Suzhou Yirun Food Technology Co., Ltd. see Nanjing Agricultural University**  
(21) 2021101811

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(51) Int. Cl.  
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(71) Taiyuan University of Technology  
(11) AU-A-2021101633  
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(54) Vortex-excited oscillation nozzle with elastic vibrator cavity  
(51) Int. Cl.  
*B05B 1/34* ( 2006.01 )  
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(45) 27.05.2021  
(72) GAO, GUIJUN; KOU, ZIMING; LI, JUNXIA; WU, JUAN; WANG, ZHIXIA; MIAO, DONGYAN  
(74) Alder IP Pty Ltd

(71) Tangshan Changzhi Agricultural Tools Design Manufacturing Co., Ltd.  
(11) AU-A-2021101388  
(21) 2021101388 (22) 17.03.2021  
(54) TOOL BAR  
(51) Int. Cl.  
*B25H 3/02* ( 2006.01 )  
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(74) Madderns Pty Ltd

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(21) 2021101514

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(11) AU-A-2021101824  
(21) 2021101824 (22) 09.04.2021  
(54) Zhuang Medicine Compound Moxa Stick for Treating Ankylosing Spondylitis and Preparation Method Thereof  
(51) Int. Cl.  
*A61K 36/282* ( 2006.01 )  
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*A61K 36/185* ( 2006.01 )  
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*A61K 36/48* ( 2006.01 )  
*A61K 36/53* ( 2006.01 )  
*A61K 36/54* ( 2006.01 )  
*A61K 36/67* ( 2006.01 )  
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*A61P 19/02* ( 2006.01 )  
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(72) Xu, Jianwen  
(74) Alder IP Pty Ltd

(71) The Trustee for PSICO Industries Family Trust  
(11) AU-A-2021101574  
(21) 2021101574 (22) 27.03.2021  
(54) IMPROVED DEVICE FOR CORRECTING AIR FLOW TO MASS AIR FLOW SENSORS  
(51) Int. Cl.  
*F02M 35/024* ( 2006.01 )  
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(74) Cameron Haak

(71) Thread Wallets LLC  
(11) AU-A-2021101798  
(21) 2021101798 (22) 08.04.2021  
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(51) Int. Cl.  
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(74) Alder IP Pty Ltd

**Tiwari, A.V. see Rao, Y.R.M.**  
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*A63F 1/00* ( 2006.01 )  
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(74) Baxter Patent Attorneys Pty Ltd

**V., B. see K., H.**  
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**V G, B. see Patil, R.**  
(21) 2021101573

**Vijayakumar, Y. see NAGARAJU, P.**  
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(71) WANG, S.  
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(71) Williams, B.  
 (11) AU-A-2021101816  
 (21) 2021101816 (22) 08.04.2021  
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 (51) Int. Cl.  
 G08B 21/04 ( 2006.01 )  
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 G06Q 50/26 ( 2012.01 )  
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 (72) Williams, Brett  
 (74) Brett Williams

Wu Xi Galaxis Technology Company Limited see Zhejiang Galaxy Technology Company Limited  
 (21) 2021101235

Wu Xi Galaxis Technology Company Limited see Zhejiang Galaxy Technology Company Limited  
 (21) 2021101280

(71) Xiangtan University  
 (11) AU-A-2021101826  
 (21) 2021101826 (22) 09.04.2021  
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 (51) Int. Cl.  
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 (11) AU-A-2021101843  
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 A61K 36/068 ( 2006.01 )  
 A61P 13/12 ( 2006.01 )  
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(71) Xuzhou University of Technology; Jiangsu Zongshen Car Industry Co., Ltd  
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 (54) A Push Device In A Solid Waste Sample Analyzer  
 (51) Int. Cl.  
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 (74) WRAYS PTY LTD

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
 (11) AU-A-2021101786  
 (21) 2021101786 (22) 07.04.2021  
 (54) METHOD FOR DETECTING ESCHERICHIA COLI BY USING A MAGNETIC NANO PROBE  
 (51) Int. Cl.  
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 G01N 1/38 ( 2006.01 )  
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 G02B 21/10 ( 2006.01 )  
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 (72) LIU, Ming; XU, Haixu  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Yantai Aidi Precision Machinery Co., Ltd.  
 (11) AU-A-2021101828  
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 (51) Int. Cl.  
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(71) Zhejiang Galaxy Technology Company Limited; Wu Xi Galaxis Technology Company Limited  
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 (21) 2021101235 (22) 10.03.2021  
 (54) GUIDE WHEEL MOUNTING STRUCTURE, GUIDE STRUCTURE AND SHUTTLE VEHICLE  
 (51) Int. Cl.  
 B62D 55/108 ( 2006.01 )  
 B62D 55/15 ( 2006.01 )  
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 (72) YANG, Yan; GU, Chunguang; SHEN, Lu  
 (74) Remarkable IP

(71) Zhejiang Galaxy Technology Company Limited; Wu Xi Galaxis Technology Company Limited  
 (11) AU-A-2021101280  
 (21) 2021101280 (22) 12.03.2021  
 (54) LIFTER AND GOODS LIFTING SYSTEM  
 (51) Int. Cl.  
 B65G 1/04 ( 2006.01 )  
 B66F 9/07 ( 2006.01 )  
 B66F 9/14 ( 2006.01 )  
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 (72) YANG, Yan; GU, Chunguang; SHEN, Lu  
 (74) Remarkable IP

(71) Zhejiang KAN Specialities Material Co., Ltd  
 (11) AU-A-2021101653  
 (21) 2021101653 (22) 30.03.2021  
 (54) Polyvinyl alcohol strengthened paper-based separator for supercapacitors  
 (51) Int. Cl.  
 H01G 9/02 ( 2006.01 )  
 C08L 1/02 ( 2006.01 )  
 H01M 50/403 ( 2021.01 )  
 H01M 50/429 ( 2021.01 )  
 H01M 50/44 ( 2021.01 )  
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 (74) Lizi Li

(71) Zhejiang Nhu Co., Ltd; Zhejiang University; Ningbo University of Technology  
 (11) AU-A-2021101796  
 (21) 2021101796 (22) 08.04.2021  
 (54) Method for preparing octenyl succinic anhydride modified starch and uses thereof  
 (51) Int. Cl.

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**C08B 33/02** ( 2006.01 )

**C08B 35/02** ( 2006.01 )

**C08J 3/03** ( 2006.01 )

**C08L 3/06** ( 2006.01 )

(45) 27.05.2021

(62) PCT/CN2019/115292

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Wu, Kejun; Li, Jiandong; Shi, Lifang; Qi,  
Yong; Li, Qichuan; Shi, Qingai

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(71) ZHEJIANG NORMAL UNIVERSITY

(11) AU-A-2021101799

(21) 2021101799 (22) 08.04.2021

(54) EUTECTIC COMPOUND WITH SOL-  
ID FLUORESCENCE PROPERTY AND  
PREPARATION METHOD AND AP-  
PLICATION THEREOF

(51) Int. Cl.

**C09K 11/02** ( 2006.01 )

**C01G 39/02** ( 2006.01 )

**C09K 9/02** ( 2006.01 )

**C09K 11/06** ( 2006.01 )

(31) 202110166598.1 (32) 04.02.21 (33) CN

(45) 27.05.2021

(72) ZHAN, Caihong; ZENG, Huimin; JI-  
ANG, Zhanguo

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Zhejiang University see Zhejiang Nhu Co.,  
Ltd

(21) 2021101796

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(71) ZHENGZHOU ZONEYET TECHNO-  
LOGY CO., LTD.

(11) AU-A-2021101815

(21) 2021101815 (22) 08.04.2021

(54) HUMAN-COMPUTER INTERACTION  
METHOD AND SYSTEM BASED ON  
DYNAMIC GESTURE RECOGNITION

(51) Int. Cl.

**G06F 3/01** ( 2006.01 )

**G06T 7/277** ( 2017.01 )

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(72) ZHANG, Hengxing; LIU, Dan

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<b>2017101901</b>	Barna, C.	<b>2021101662</b>	Rodney John Gould & Diahann Maree McKenzie
<b>2017101902</b>	Aeris Environmental Ltd	<b>2021101664</b>	Shanghai University of Engineering Science
<b>2018102212</b>	Techtronic Cordless GP	<b>2021101668</b>	Institute of Plant Protection Guangxi Academy of Agricultural Sciences; Sericulture Technology Promotion Station of Guangxi Zhuang
<b>2019101795</b>	Filtaworx Pty Ltd		WANG, S.
<b>2020104423</b>	Shandong Institute of Artificial Intelligence; Shandong Computer Science Center (National Supercomputing Center in Jinan)	<b>2021101674</b>	Henan University Of Urban Construction
		<b>2021101678</b>	Henan University Of Urban Construction
<b>2021100659</b>	Harbin Institute of Technology	<b>2021101679</b>	DALIAN UNIVERSITY OF TECHNOLOGY
<b>2021100686</b>	QINGDAO AGRICULTURAL UNIVERSITY	<b>2021101710</b>	Equanimity Consultancy
<b>2021100758</b>	Cosmovision Global Corporation Pty Ltd.; "Production Association Yuzhny Machine-Building plant named after A.M.Makarov" (YUZHMAH)	<b>2021101729</b>	Chengdu University of Information Technology; Sichuan Agricultural University
		<b>2021101743</b>	Huaqiao University
<b>2021100894</b>	Rajak, U.; Kumar, R.; Muley, P.; Sinha, S.L.; Nashine, P.; Dwivedi, G.; Singh, T.S.; Kumar, S.; Chaurasiya, P.K.; Kumar, T.R.	<b>2021101749</b>	Qingdao University of Science Technology
		<b>2021101750</b>	Jinggangshan University
<b>2021100902</b>	Evacusmart IP Pty Ltd	<b>2021101772</b>	Jinggangshan University
<b>2021100960</b>	T., S.; pulla, B.; M, S.; G, S.S.; H., S.K.; Ramakrishna, .; M., S.P.B.; Atkar, R.; Lenin, A.H.; B., S.B. K., H.; C, A.V.K.; S, S.; J., A.K.G.; DARNEY, P.; R, .G.; R., A.J.; A., A.R.; J., S.; S., S.; S., .; V., B.	<b>2021101773</b>	Institute of Acoustics, Chinese Academy of Sciences
<b>2021100989</b>	Sikkim Manipal Institute of Technology	<b>2021101774</b>	Xuzhou University of Technology
<b>2021101235</b>	Zhejiang Galaxy Technology Company Limited; Wu Xi Galaxis Technology Company Limited	<b>2021101775</b>	Beijing Normal University
<b>2021101280</b>	Zhejiang Galaxy Technology Company Limited; Wu Xi Galaxis Technology Company Limited	<b>2021101776</b>	Overdose Group Pty Ltd
<b>2021101362</b>	Nayyar, A.; Krishnamurthi, R.; Mahapatra, B.; Jhanjhi, N.Z.; Devi, V.A.; Shukla, P.K.	<b>2021101777</b>	Beijing Normal University
<b>2021101388</b>	Tangshan Changzhi Agricultural Tools Design Manufacturing Co., Ltd.	<b>2021101780</b>	P J & J R PHILLIPS PTY LTD
<b>2021101418</b>	Nanjing Chervon Industry Co., Ltd.	<b>2021101784</b>	Nanjing Hydraulic Research Institute
<b>2021101421</b>	China Railway 18th Bureau Group Co., Ltd.; China Railway Eryuan Engineering Group Co., Ltd.	<b>2021101785</b>	XUZHOU UNIVERSITY OF TECHNOLOGY
<b>2021101425</b>	China Commerce Networks (Shanghai) Co., Ltd.	<b>2021101786</b>	NAGARAJU, P.; Sreekanth, T.; Vijayakumar, Y.; Reddy, P.; Ramanareddy, M.; Gavaskar, D.S.
<b>2021101457</b>	GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY; GALGOTIAS UNIVERSITY; FUELIX International Pvt Ltd; Maduri, P.K.; Sharma, V.; Kaur, J.; Anjum, S.; Dhiman, P.; Kaushal, A.	<b>2021101790</b>	doewes, R.; Ahmed, A.A.A.; Bhagat, A.; Nair, R.; Donepudi, P.K.; GOON, S.; Jain, V.; Gupta, S.; Rathore, N.K.; Jain, N.K.
		<b>2021101792</b>	MUKHERJEE, D.; RAJA, G.L.; KUNDU, P.; GHOSH, A. Sichuan Animal Science Academy
<b>2021101465</b>	Ott Earthmoving Pty Ltd	<b>2021101793</b>	TOSKAS, C.
<b>2021101486</b>	North China University of Technology	<b>2021101795</b>	Zhejiang Nhu Co., Ltd; Zhejiang University; Ningbo University of Technology
<b>2021101488</b>	Hangzhou Fudemin Biotechnology Co., Ltd.	<b>2021101796</b>	Beijing Institute of Technology
<b>2021101503</b>	Shandong Institute for Food and Drug Control	<b>2021101797</b>	Thread Wallets LLC
<b>2021101505</b>	Institute of Agricultural Resources and Agricultural Regional Planning, Chinese Academy of Agricultural Sciences; Changsha Branch of Hunan Tobacco Company; Central-South Agricultural Experiment Station of China Tobacco	<b>2021101798</b>	ZHEJIANG NORMAL UNIVERSITY
		<b>2021101799</b>	Kilinc, M.
<b>2021101510</b>	Shen, G.	<b>2021101800</b>	COCREATION GRASS CO. ,LTD
<b>2021101514</b>	Rao, Y.R.M.; Tiwari, A.V.; Parwate, A.V.; Thakare, S.B.; Raman, N.S.; Modani, P.O.; Saraf, S.S.; Mohod, M.V.; Raghatate, A.M.; Mahajan, A.P.	<b>2021101801</b>	Stewart, H.
		<b>2021101802</b>	Chatterjee, A.; Bose, S.; Mukherjee, G.; Chatterjee, J. Elmich Pte Ltd
<b>2021101523</b>	Guangxi University	<b>2021101805</b>	Xuzhou University of Technology; Jiangsu Zongshen Car Industry Co., Ltd
<b>2021101548</b>	OXTI CORPORATION	<b>2021101806</b>	Anhui University of Technology
<b>2021101572</b>	Pandey, V.; Soni, V.	<b>2021101807</b>	Nanjing Agricultural University; Suzhou Yirun Food Technology Co., Ltd.
<b>2021101573</b>	Patil, R.; Kamble, K.S.; Jagadeesh, N.; V G, B.; E, D.; Kaviti, R.V.P.; Kumar, T.C.A.; Dilkush, S.; Rao, J.V.; D P, G.; M.R, M.G.; M.R, K.G.	<b>2021101811</b>	ZHENGZHOU ZONEYET TECHNOLOGY CO., LTD.
		<b>2021101815</b>	Williams, B.
<b>2021101574</b>	The Trustee for PSICO Industries Family Trust	<b>2021101816</b>	North China University of Water Resources and Electric Power
<b>2021101607</b>	deepLink pty Ltd	<b>2021101817</b>	Shukla, A.; Singh, S.; Patrik, A.; Nath, R.K.; Ahmad, T.; Hans, K.; Hashmi, A.; Gupta, M.; Chauhan, S.; Sinha, M.
<b>2021101622</b>	Central South University of Forestry and Technology; SUOFEIYA HOME COLLECTION CO., LTD.	<b>2021101818</b>	Sichuan Agricultural University
		<b>2021101822</b>	Sichuan Agricultural University
<b>2021101633</b>	Taiyuan University of Technology	<b>2021101823</b>	The First Affiliated Hospital of Guangxi Medical University
<b>2021101635</b>	Limardi, K.	<b>2021101824</b>	Solar Daily Pty Ltd
<b>2021101638</b>	LEASEN STEEL INTERNATIONAL PTY LTD	<b>2021101825</b>	Xiangtan University
<b>2021101639</b>	LEASEN STEEL INTERNATIONAL PTY LTD	<b>2021101826</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021101641</b>	Gansu Agricultural University	<b>2021101827</b>	Yantai Aidi Precision Machinery Co., Ltd.
<b>2021101644</b>	Sichuan Agricultural University	<b>2021101828</b>	Sichuan University of Science and Engineering;
<b>2021101651</b>	Nijhawan, P.; Gupta, J.; Ganguli, S.	<b>2021101830</b>	Sichuan Chengzhuan Technology Co., Ltd
		<b>2021101831</b>	Jilin University
		<b>2021101835</b>	Bayz Pty Ltd

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<b>2021101836</b>	Tianjin Chengjian University
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<b>2021101843</b>	Xie, Y.

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<b><u>A01B 51 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A61K 35 /-</u></b>	<b><u>A63F 1 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B30B 11 /-</u></b>
2021101823	2021101668	2016102461	2021101795	2021101622	2021100659
<b><u>A01C 5 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>B01D 29 /-</u></b>	<b><u>B22D 19 /-</u></b>	<b><u>B30B 15 /-</u></b>
2021101822	2021101743	2021101743 2021101775 2021101824	2019101795	2021101486	2021100659
<b><u>A01D 34 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>B01D 35 /-</u></b>	<b><u>B22D 23 /-</u></b>	<b><u>B32B 15 /-</u></b>
2021101418	2016102461	2021101843	2019101795	2021101486	2021101710
<b><u>A01G 2 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>B01J 21 /-</u></b>	<b><u>B22F 10 /-</u></b>	<b><u>B32B 5 /-</u></b>
2021101773	2017101901 2021101635	2021101572 2021101824	2021101809 2021101838	2021100659 2021101664	2021101710
<b><u>A01G 24 /-</u></b>	<b><u>A41D 27 /-</u></b>	<b><u>A61L 9 /-</u></b>	<b><u>B01J 23 /-</u></b>	<b><u>B22F 3 /-</u></b>	<b><u>B32B 7 /-</u></b>
2021101505	2017101901	2021101635	2021101809	2021100659	2021101710
<b><u>A01G 31 /-</u></b>	<b><u>A41D 31 /-</u></b>	<b><u>A61P 13 /-</u></b>	<b><u>B01J 27 /-</u></b>	<b><u>B22F 5 /-</u></b>	<b><u>B32B 9 /-</u></b>
2021101457	2017101901	2021101775	2021101809	2021100659 2021101664	2021101710
<b><u>A01H 1 /-</u></b>	<b><u>A45B 23 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>B01J 31 /-</u></b>	<b><u>B22F 7 /-</u></b>	<b><u>B33Y 10 /-</u></b>
2021100686	2021101662	2021101843	2021101838	2021100659	2021101664
<b><u>A01H 4 /-</u></b>	<b><u>A45F 5 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>B01J 35 /-</u></b>	<b><u>B23H 1 /-</u></b>	<b><u>B41J 3 /-</u></b>
2021100686 2021101772 2021101773	2021101798	2021101824	2021101809	2021101009	2021101425
<b><u>A01H 6 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>B01J 37 /-</u></b>	<b><u>B23K 20 /-</u></b>	<b><u>B60B 7 /-</u></b>
2021100686	2021101777	2021101824	2021101809	2021100894	2021101784
<b><u>A01K 1 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>B01L 1 /-</u></b>	<b><u>B24D 3 /-</u></b>	<b><u>B60J 11 /-</u></b>
2021101662	2021101362 2021101794 2021101805	2021101743	2021101607	2021101749	2021101784
<b><u>A01K 29 /-</u></b>	<b><u>A61D 17 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01L 9 /-</u></b>	<b><u>B25H 3 /-</u></b>	<b><u>B62D 55 /-</u></b>
2021101794	2021101794	2021101572	2021101842	2021101388	2021101235 2021101823
<b><u>A01M 1 /-</u></b>	<b><u>A61G 12 /-</u></b>	<b><u>A62B 17 /-</u></b>	<b><u>B03B 1 /-</u></b>	<b><u>B29B 11 /-</u></b>	<b><u>B63B 35 /-</u></b>
2021101668	2021101827	2017101901	2021101523	2021100989	2021101817
<b><u>A01N 25 /-</u></b>	<b><u>A61J 1 /-</u></b>	<b><u>A62B 18 /-</u></b>	<b><u>B03B 4 /-</u></b>	<b><u>B29B 13 /-</u></b>	<b><u>B64G 1 /-</u></b>
2021101668	2021101827	2021101635	2021101622	2021100989	2021100758
<b><u>A01N 27 /-</u></b>	<b><u>A61J 11 /-</u></b>	<b><u>A62B 23 /-</u></b>	<b><u>B03C 1 /-</u></b>	<b><u>B29C 41 /-</u></b>	<b><u>B65C 9 /-</u></b>
2021101668	2021101800	2021101635	2021101622	2021100989	2021101425
<b><u>A01N 47 /-</u></b>	<b><u>A61J 7 /-</u></b>	<b><u>A62B 3 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B65G 1 /-</u></b>
2021101668	2021101827	2021100902	2021101523	2021100989	2021101280
<b><u>A01N 51 /-</u></b>	<b><u>A61J 9 /-</u></b>	<b><u>A62B 5 /-</u></b>	<b><u>B05B 1 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B66F 9 /-</u></b>
2021101668	2021101800	2021100902	2021101633	2021100659 2021101664	2021101280
		2021100902	<b><u>B05B 17 /-</u></b>		
			2021101633		

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<b><u>B67B 3 /-</u></b>	<b><u>C08J 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>E02B 8 /-</u></b>	<b><u>F03D 1 /-</u></b>	<b><u>G01L 7 /-</u></b>
2021101425	2021101796	2021101805	2021101674	2021101573	2021101817
<b><u>B67D 1 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E02D 1 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>G01N 1 /-</u></b>
2021101777	2021101749	2021101523	2021101678	2021101510	2021101503 2021101641 2021101786 2021101807
<b><u>B82Y 15 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C22C 1 /-</u></b>	<b><u>E02D 17 /-</u></b>	<b><u>F03G 3 /-</u></b>	
2021101786	2017101902	2021101486	2021101679	2021101797	
<b><u>B82Y 40 /-</u></b>	<b><u>C08L 1 /-</u></b>	<b><u>C22C 29 /-</u></b>	<b><u>E02D 5 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>G01N 19 /-</u></b>
2021101710	2021101653	2021101486	2021101421	2021101548	2021101749
<b><u>C01B 3 /-</u></b>	<b><u>C08L 3 /-</u></b>	<b><u>C22C 49 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>F16M 13 /-</u></b>	<b><u>G01N 21 /-</u></b>
2021101809	2021101796	2021101486	2021101828	2021101548	2021101488
<b><u>C01B 32 /-</u></b>	<b><u>C08L 95 /-</u></b>	<b><u>C23C 18 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>F24D 3 /-</u></b>	<b><u>G01N 27 /-</u></b>
2021101009	2021101514	2021101638	2021101828	2021101644	2021101790
<b><u>C01G 39 /-</u></b>	<b><u>C09D 139 /-</u></b>	<b><u>C23C 30 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G01N 3 /-</u></b>
2021101799	2017101902	2021101638	2021101644	2017101902 2021100960	2021101826
<b><u>C02F 1 /-</u></b>	<b><u>C09D 163 /-</u></b>	<b><u>C23C 4 /-</u></b>	<b><u>E04B 5 /-</u></b>	<b><u>F24F 110 /-</u></b>	<b><u>G01N 33 /-</u></b>
2021101811	2021101638 2021101639	2021101639	2021101644	2017101902	2021101488 2021101641 2021101678 2021101786 2021101790 2021101805
<b><u>C05B 17 /-</u></b>	<b><u>C09D 5 /-</u></b>	<b><u>C25D 11 /-</u></b>	<b><u>E04F 10 /-</u></b>	<b><u>F24F 3 /-</u></b>	
2021101505	2021101009 2021101639	2021101009	2021101644	2021101607	
<b><u>C05D 1 /-</u></b>	<b><u>C09D 7 /-</u></b>	<b><u>C25D 13 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>F24F 8 /-</u></b>	<b><u>G01S 13 /-</u></b>
2021101505	2021101639	2021101009	2021101644	2021101607	2021101817
<b><u>C05D 9 /-</u></b>	<b><u>C09K 11 /-</u></b>	<b><u>C25D 9 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>F24F 9 /-</u></b>	<b><u>G02B 21 /-</u></b>
2021101505	2021101799	2021101009	2021101806	2021101607	2021101786
<b><u>C05F 11 /-</u></b>	<b><u>C09K 3 /-</u></b>	<b><u>C30B 7 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>F24S 20 /-</u></b>	<b><u>G05B 13 /-</u></b>
2021101505	2021101749	2021101750	2021101662	2021101644	2021100960 2021101573 2021101831
<b><u>C05F 3 /-</u></b>	<b><u>C09K 9 /-</u></b>	<b><u>D06N 7 /-</u></b>	<b><u>E04H 9 /-</u></b>	<b><u>F28D 21 /-</u></b>	<b><u>G05B 23 /-</u></b>
2021101505	2021101799	2021101801	2021101644	2017101902	2021100960
<b><u>C05G 3 /-</u></b>	<b><u>C11D 11 /-</u></b>	<b><u>E01C 13 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>G01C 7 /-</u></b>	<b><u>G05D 27 /-</u></b>
2021101505	2017101902	2021101801	2021100902	2021101817	2021101573
<b><u>C07K 16 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>E01C 19 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>G01C 9 /-</u></b>	<b><u>G05D 3 /-</u></b>
2021101488	2017101902	2021101514	2021101607	2018102212	2021101573
<b><u>C08B 31 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>E01C 3 /-</u></b>	<b><u>E06B 5 /-</u></b>	<b><u>G01F 1 /-</u></b>	2021101573
2021101796	2021101842	2021101514	2021101607	2021101574 2021101674	<b><u>G06F 1 /-</u></b>
<b><u>C08B 33 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>E21D 9 /-</u></b>	<b><u>G01F 25 /-</u></b>	2021101548
2021101796	2021101842	2021101465	2021101421	2021101574	<b><u>G06F 17 /-</u></b>
<b><u>C08B 35 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>E02B 3 /-</u></b>	<b><u>E21F 5 /-</u></b>	<b><u>G01L 1 /-</u></b>	2021101780
2021101796	2021100686 2021101772	2021101785	2021101633	2021101678	<b><u>G06F 3 /-</u></b>
<b><u>C08G 63 /-</u></b>		<b><u>E02B 7 /-</u></b>	<b><u>F02M 35 /-</u></b>		2021101802 2021101815
2021100989		2021101674	2021101574		

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<b><u>G06F 30 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H04W 48 /-</u></b>
2021101678 2021101785	2021101780 2021101815 2021101830	2021101653	2021101362
<b><u>G06K 19 /-</u></b>	<b><u>G08B 17 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04W 88 /-</u></b>
2021101425	2021100902	2021101651	2021101362
<b><u>G06K 9 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>H02H 3 /-</u></b>	<b><u>H05B 33 /-</u></b>
2020104423 2021101780 2021101792 2021101830	2021100902 2021101816	2021101774	2021101710
<b><u>G06N 20 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>H02J 1 /-</u></b>	<b><u>H05H 1 /-</u></b>
2021101792 2021101819	2021101816	2021101774 2021101825	2021101811
<b><u>G06N 3 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H05K 5 /-</u></b>
2020104423 2021101819 2021101831	2021101836	2021101651	2021101548 2021101825
<b><u>G06N 7 /-</u></b>	<b><u>G09B 19 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>No IPC Mark</u></b>
2021101792	2021101835	2021101573 2021101651	
<b><u>G06Q 10 /-</u></b>	<b><u>G09B 7 /-</u></b>	<b><u>H02J 7 /-</u></b>	
2021101729	2021101729	2021101825	
<b><u>G06Q 30 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>H02J 9 /-</u></b>	
2021101819	2021101802	2021101825	
<b><u>G06Q 50 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H02K 35 /-</u></b>	
2021101729 2021101776 2021101780 2021101793 2021101816 2021101835	2021101805	2021101797	
<b><u>G06Q 90 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>H02N 2 /-</u></b>	
2021100902 2021101729	2021101362	2021101797	
<b><u>G06Q 99 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H02P 101 /-</u></b>	
2021101776	2021101805	2021101573	
<b><u>G06T 15 /-</u></b>	<b><u>H01G 11 /-</u></b>	<b><u>H02P 9 /-</u></b>	
2021101830	2021101710	2021101573	
<b><u>G06T 17 /-</u></b>	<b><u>H01G 9 /-</u></b>	<b><u>H02S 10 /-</u></b>	
2021101830	2021101653	2021101651 2021101825	
<b><u>G06T 19 /-</u></b>	<b><u>H01J 49 /-</u></b>	<b><u>H02S 20 /-</u></b>	
2021101830	2021101503	2021101644	
<b><u>G06T 5 /-</u></b>	<b><u>H01L 41 /-</u></b>	<b><u>H02S 40 /-</u></b>	
2021101830	2021101797	2021101651 2021101825	
<b><u>G06T 9 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H04B 7 /-</u></b>	
2021101830	2021101710	2021101362	
<b><u>G06T 11 /-</u></b>	<b><u>H01M 16 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2021101651	2021101651	2021101774	
<b><u>G06T 13 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2021101830	2021101838	2021101362	

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

<p>(71) 3M Innovative Properties Company (11) AU-A-2019381318 (21) 2019381318 (22) 06.11.2019 (54) Removable dental appliance with interproximal reinforcement (51) Int. Cl. A61C 7/08 ( 2006.01 ) (87) WO2020/099990 (31) 62/767,837 (32) 15.11.18 (33) US (43) 22.05.2020 (72) DOMROESE, Michael K.; CINADER Jr., David K.; RABY, Richard E. (74) Davies Collison Cave Pty Ltd</p>	<p>(31) 16/147,979 (32) 01.10.18 (33) US (43) 09.04.2020 (72) HONG, Junho; ISHCENKO, Dmitry; NUQUÍ, Reynaldo (74) FB Rice Pty Ltd</p>	<p>(71) Academisch Ziekenhuis Leiden (h.o.d.n. LUMC) (11) AU-A-2019356414 (21) 2019356414 (22) 09.10.2019 (54) Binding proteins specific for HA-1 (51) Int. Cl. C07K 14/725 ( 2006.01 ) A61K 35/17 ( 2015.01 ) C07K 14/74 ( 2006.01 ) C12N 5/0783 ( 2010.01 ) (87) WO2020/076156 (31) 2021789 (32) 10.10.18 (33) NL (43) 16.04.2020 (72) HEEMSKERK, Mirjam H.M.; FALKENBURG, Frederik J.H. (74) FB Rice Pty Ltd</p>
<p>(71) 4D Pharma Research Limited (11) AU-A-2019373731 (21) 2019373731 (22) 04.11.2019 (54) Compositions comprising bacterial strains (51) Int. Cl. A61K 39/39 ( 2006.01 ) A61K 39/00 ( 2006.01 ) (87) WO2020/089488 (31) 18204199.6 (32) 02.11.18 (33) EP 1820261.4 12.12.18 GB (43) 07.05.2020 (72) HENNESSY, Emma Elizabeth Clare; AHMED, Suaad; HOLT, Amy Beth; COWIE, Philip; ETTORRE, Anna; YUILLE, Samantha; MULDER, Imke Elisabeth (74) FB Rice Pty Ltd</p>	<p>(71) AbbVie Inc. (11) AU-A-2019379806 (21) 2019379806 (22) 15.11.2019 (54) Pharmaceutical formulations for subcutaneous administration (51) Int. Cl. A61K 31/661 ( 2006.01 ) A61K 9/00 ( 2006.01 ) A61K 9/08 ( 2006.01 ) A61P 25/16 ( 2006.01 ) (87) WO2020/102628 (31) 62/767,546 (32) 15.11.18 (33) US 62/843,945 06.05.19 US 62/863,093 18.06.19 US 62/863,101 18.06.19 US 62/863,113 18.06.19 US 62/898,214 10.09.19 US (43) 22.05.2020 (72) MOUSSA, Ehab; ROSEBRAUGH, Matthew; JAMEEL, Feroz; SEVER, Nancy; FACHERIS, Maurizio F.; ROBIESON, Weining Z.; LOCKE, Charles S.; STODTMANN, Sven (74) Spruson &amp; Ferguson</p>	<p>(71) Accudx Corporation (11) AU-A-2019370555 (21) 2019370555 (22) 01.11.2019 (54) Biocompatible nanomagnetic discs and methods of use thereof (51) Int. Cl. A61K 41/00 ( 2020.01 ) A61K 33/24 ( 2019.01 ) (87) WO2020/093029 (31) 62/754,519 (32) 01.11.18 (33) US (43) 07.05.2020 (72) POTTATHIL, Raveendran; DESHMUKH, Sanjay; KHARAT, Kiran (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Abbott Diabetes Care Inc. (11) AU-A-2019368318 (21) 2019368318 (22) 25.10.2019 (54) Methods, devices, and systems for physiological parameter analysis (51) Int. Cl. A61B 5/145 ( 2006.01 ) A61B 5/00 ( 2006.01 ) A61M 5/172 ( 2006.01 ) G01N 33/72 ( 2006.01 ) (87) WO2020/086934 (31) 62/750,957 (32) 26.10.18 (33) US (43) 30.04.2020 (72) XU, Yongjin (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Åberg, E. (11) AU-A-2019368128 (21) 2019368128 (22) 14.10.2019 (54) Bulding system for creating three-dimensional structures (51) Int. Cl. A63H 33/06 ( 2006.01 ) (87) WO2020/085974 (31) 1851306-9 (32) 23.10.18 (33) SE (43) 30.04.2020 (72) ÅBERG, Erik (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Aclipse One Inc.; The University of Sheffield (11) AU-A-2019362051 (21) 2019362051 (22) 18.10.2019 (54) Treatment of neurological diseases (51) Int. Cl. A61K 31/337 ( 2006.01 ) A61K 31/4188 ( 2006.01 ) A61K 31/495 ( 2006.01 ) (87) WO2020/081973 (31) 62/747,961 (32) 19.10.18 (33) US (43) 23.04.2020 (72) MEAD, Richard James; SHAW, Pamela Jean; OGEO, Claude; SHAN, Ning; FERRAIUOLO, Laura (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) ABB Schweiz AG (11) AU-A-2019352596 (21) 2019352596 (22) 01.10.2019 (54) Decentralized false data mitigation for nested microgrids (51) Int. Cl. H02J 3/38 ( 2006.01 ) G01R 22/06 ( 2006.01 ) H02J 13/00 ( 2006.01 ) (87) WO2020/072477</p>	<p>(71) Abiomed, Inc. (11) AU-A-2019362062 (21) 2019362062 (22) 18.10.2019 (54) Systems and methods for minimizing leaks during insertion of pumps (51) Int. Cl. A61M 60/135 ( 2021.01 ) A61M 60/205 ( 2021.01 ) A61M 60/857 ( 2021.01 ) (87) WO2020/082001 (31) 62/747,405 (32) 18.10.18 (33) US (43) 23.04.2020 (72) ZOLL, Jonathan (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Aclipse One Inc.; The University of Sheffield (11) AU-A-2019362052 (21) 2019362052 (22) 18.10.2019 (54) Treatment of neurological diseases (51) Int. Cl. A61K 31/4375 ( 2006.01 ) A61P 25/28 ( 2006.01 ) C07D 221/18 ( 2006.01 ) (87) WO2020/081975 (31) 62/747,961 (32) 19.10.18 (33) US</p>

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**A61M 5/315** ( 2006.01 )  
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**A61K 31/712** ( 2006.01 )  
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**C07D 401/14** (2006.01)  
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**G06F 30/23** ( 2020.01 )  
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**H04B 3/46** ( 2015.01 )  
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**A61K 31/53** ( 2006.01 )  
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treating mucosa and/or wounds  
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A61K 9/00 ( 2006.01 )  
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A01G 22/00 ( 2018.01 )  
A01G 31/00 ( 2018.01 )  
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C05B 9/00 ( 2006.01 )  
C05B 11/08 ( 2006.01 )  
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A61P 3/04 ( 2006.01 )  
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C07C 63/04 ( 2006.01 )  
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C07C 65/21 ( 2006.01 )  
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C07C 229/54 ( 2006.01 )  
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C08L 1/24 ( 2006.01 )  
D01F 2/14 ( 2006.01 )  
D06M 15/61 ( 2006.01 )  
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 A61P 21/00 ( 2006.01 )  
 C07H 21/00 ( 2006.01 )
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**B66B 17/00** ( 2006.01 )  
 (87) WO2020/087333  
 (43) 07.05.2020  
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 Xiaoming; YANG, Jun  
 (74) WRAYS PTY LTD
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- (71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-A-2019347412  
 (21) 2019347412 (22) 27.09.2019  
 (54) Antigen-binding molecules capable of  
 binding CD3 and CD137 but not simul-  
 taneously  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
 (87) WO2020/067419  
 (31) 2018-185120 (32) 28.09.18 (33) JP  
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 (72) HO, Shu Wen Samantha; FENG, Shu  
 (74) Spruson & Ferguson
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- (71) Cipla Limited  
 (11) AU-A-2020260764  
 (21) 2020260764 (22) 24.04.2020  
 (54) Methods and systems for simulating de-  
 position of inhaled drug on lungs  
 (51) Int. Cl.  
**G09B 23/30** ( 2006.01 )  
 (87) WO2020/217259  
 (31) 201921016322 (32) 24.04.19 (33) IN  
 (43) 29.10.2020  
 (72) KULKARNI, Nandan; MALHOTRA,  
 Geena  
 (74) FB Rice Pty Ltd
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- (71) CircularDreams B.V.  
 (11) AU-A-2019367712  
 (21) 2019367712 (22) 22.10.2019  
 (54) Bedding assembly, duvet cover and fix-  
 ation device  
 (51) Int. Cl.  
**A47G 9/02** ( 2006.01 )  
**A47G 9/04** ( 2006.01 )  
 (87) WO2020/085901  
 (31) 2021857 (32) 23.10.18 (33) NL  
 (43) 30.04.2020  
 (72) VAN BEYNUM, Johan Ronald; VAN  
 BEYNUM, Henriette Willemina  
 (74) James & Wells Intellectual Property

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<p>(71) Citrix Systems, Inc.                      (11) AU-A-2018454814                      (21) 2018454814 (22) 27.12.2018                      (54) Systems and methods for development of web products                      (51) Int. Cl.                      G06F 15/16 ( 2006.01 )                      (87) WO2020/133083                      (43) 02.07.2020                      (72) LIU, Xin; OU, Yuran; XIAO, Tianyu                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(31) 16/193,388 (32) 16.11.18 (33) US                      (43) 22.05.2020                      (72) TABARES, Modesto; RIVERA, Juan                      (74) RnB IP Pty Ltd</p>	<p>(43) 22.05.2020                      (72) HARTMAN, Adam; GILANI, Fahad; LAVIGNE, Kyle; LIPP, Michael M.                      (74) RNB IP PTY LTD</p>
<p>(71) Citrix Systems, Inc.                      (11) AU-A-2018454906                      (21) 2018454906 (22) 29.12.2018                      (54) System with real-time detection and resolution of conflicts for shared resources                      (51) Int. Cl.                      H04L 12/16 ( 2006.01 )                      (87) WO2020/133383                      (43) 02.07.2020                      (72) GE, Wenhao                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019383337                      (21) 2019383337 (22) 16.10.2019                      (54) Computer system and methods providing virtual computing session connections and re-directs based upon ordered list of virtual delivery agents                      (51) Int. Cl.                      G06F 9/50 ( 2006.01 )                      (87) WO2020/106384                      (31) 16/194,823 (32) 19.11.18 (33) US                      (43) 28.05.2020                      (72) SINGLETON, IV, Leo C.; MOMCHILOV, Georgy                      (74) Spruson &amp; Ferguson</p>	<p>(71) CMR Surgical Limited                      (11) AU-A-2019351926                      (21) 2019351926 (22) 03.10.2019                      (54) Methods and systems for providing assistance to a user of a surgical robot system                      (51) Int. Cl.                      A61B 34/30 ( 2016.01 )                      A61B 34/00 ( 2016.01 )                      A61B 34/10 ( 2016.01 )                      (87) WO2020/070511                      (31) 1816166.1 (32) 03.10.18 (33) GB                      (43) 09.04.2020                      (72) HARES, Luke David Ronald; ROBERTS, Paul Christopher; MENZIES, Rupert                      (74) FB Rice Pty Ltd</p>
<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019377099                      (21) 2019377099 (22) 06.11.2019                      (54) Systems and methods for secure SaaS redirection from native applications                      (51) Int. Cl.                      G06F 21/12 ( 2013.01 )                      G06F 21/33 ( 2013.01 )                      H04L 29/08 ( 2006.01 )                      (87) WO2020/097234                      (31) 16/184,676 (32) 08.11.18 (33) US                      (43) 14.05.2020                      (72) CHAUHAN, Abhishek                      (74) RnB IP Pty Ltd</p>	<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019383942                      (21) 2019383942 (22) 13.11.2019                      (54) Systems and methods to filter out noisy application signatures to improve precision of first packet application classification                      (51) Int. Cl.                      H04L 12/24 ( 2006.01 )                      H04L 29/06 ( 2006.01 )                      (87) WO2020/106516                      (31) 16/196,799 (32) 20.11.18 (33) US                      (43) 28.05.2020                      (72) R, Siddharth G.; YERRAMNENI, Naveen Chowdary; HUKMICHAND, Tarun Kumar                      (74) RnB IP Pty Ltd</p>	<p>(71) CMR Surgical Limited                      (11) AU-A-2019352792                      (21) 2019352792 (22) 03.10.2019                      (54) Indicator system                      (51) Int. Cl.                      A61B 34/20 ( 2016.01 )                      A61B 1/00 ( 2006.01 )                      A61B 34/00 ( 2016.01 )                      A61B 34/30 ( 2016.01 )                      A61B 34/35 ( 2016.01 )                      A61B 34/37 ( 2016.01 )                      A61B 90/00 ( 2016.01 )                      A61B 90/50 ( 2016.01 )                      G06T 19/00 ( 2011.01 )                      G16H 50/20 ( 2018.01 )                      A61B 34/10 ( 2016.01 )                      (87) WO2020/070504                      (31) 1816168.7 (32) 03.10.18 (33) GB                      (43) 09.04.2020                      (72) BISHOP, Steven; DA SILVA, Ricardo Michael Henderson                      (74) FB Rice Pty Ltd</p>
<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019378694                      (21) 2019378694 (22) 07.11.2019                      (54) Systems and methods for live tiles for SaaS                      (51) Int. Cl.                      G06F 9/451 ( 2018.01 )                      (87) WO2020/102003                      (31) 16/188,166 (32) 12.11.18 (33) US                      (43) 22.05.2020                      (72) CHAUHAN, Abhishek                      (74) RnB IP Pty Ltd</p>	<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019393724                      (21) 2019393724 (22) 19.11.2019                      (54) Providing most recent application views from user devices                      (51) Int. Cl.                      G06F 9/451 ( 2018.01 )                      (87) WO2020/117464                      (31) 16/210,484 (32) 05.12.18 (33) US                      (43) 11.06.2020                      (72) WALKER, James Robert                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) CMR Surgical Limited                      (11) AU-A-2019354911                      (21) 2019354911 (22) 03.10.2019                      (54) Device interoperation                      (51) Int. Cl.                      G16H 40/63 ( 2018.01 )                      (87) WO2020/070505                      (31) 1816165.3 (32) 03.10.18 (33) GB                      (43) 09.04.2020                      (72) MENZIES, Rupert; ROBERTS, Paul Christopher                      (74) FB Rice Pty Ltd</p>
<p>(71) Citrix Systems, Inc.                      (11) AU-A-2019379163                      (21) 2019379163 (22) 15.11.2019                      (54) Approach for a controllable trade-off between cost and availability of indexed data in a cloud log aggregation solution such as Splunk or Sumo                      (51) Int. Cl.                      G06F 16/22 ( 2019.01 )                      (87) WO2020/102638</p>	<p>(71) Civitas Therapeutics, Inc.                      (11) AU-A-2019380294                      (21) 2019380294 (22) 13.11.2019                      (54) Respirable polynucleotide powder formulations for inhalation                      (51) Int. Cl.                      A61K 9/00 ( 2006.01 )                      A61K 9/16 ( 2006.01 )                      A61P 11/00 ( 2006.01 )                      (87) WO2020/102394                      (31) 62/760,232 (32) 13.11.18 (33) US</p>	<p>(71) Coatex                      (11) AU-A-2019378119                      (21) 2019378119 (22) 14.11.2019                      (54) Osidic dispersing agent                      (51) Int. Cl.                      C08F 120/06 ( 2006.01 )                      A61K 8/84 ( 2006.01 )                      C08K 5/1545 ( 2006.01 )</p>

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- C08L 33/02** ( 2006.01 )  
**C09D 7/65** ( 2018.01 )  
**D21H 17/00** ( 2006.01 )  
**D21H 17/06** ( 2006.01 )  
**D21H 17/37** ( 2006.01 )  
**D21H 19/20** ( 2006.01 )  
**(87)** WO2020/099736  
**(31)** 1871564 **(32)** 16.11.18 **(33)** FR  
**(43)** 22.05.2020  
**(72)** BONY, Francis; LE NEINDRE, Morgane; MAGNY, Benoît; MATTER, Yves; SUAU, Jean-Marc  
**(74)** Spruson & Ferguson
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2018451357  
**(21)** 2018451357 **(22)** 26.11.2018  
**(54)** Personal care compositions  
**(51)** Int. Cl.  
**A61K 8/49** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
**(87)** WO2020/112074  
**(43)** 04.06.2020  
**(72)** WU, Qiang; CHENG, Shujiang; DUTHUMM, Laurence; ARMAS, Adriana; PARKER, Jodie; KOZUBAL, Cheryl  
**(74)** Shelston IP Pty Ltd.
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2018451738  
**(21)** 2018451738 **(22)** 06.12.2018  
**(54)** Personal care compositions  
**(51)** Int. Cl.  
**A61K 8/41** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
**(87)** WO2020/117238  
**(43)** 11.06.2020  
**(72)** FAN, Aixing; BOYD, Thomas; LE, Lan  
**(74)** Shelston IP Pty Ltd.
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2018451749  
**(21)** 2018451749 **(22)** 07.12.2018  
**(54)** Personal care compositions  
**(51)** Int. Cl.  
**A61K 8/34** ( 2006.01 )  
**A61K 8/37** ( 2006.01 )  
**A61K 8/41** ( 2006.01 )  
**A61K 8/44** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/891** ( 2006.01 )  
**A61Q 5/12** ( 2006.01 )  
**(87)** WO2020/117262  
**(43)** 11.06.2020  
**(72)** SALINAS LOPEZ, Aida Ninfa; SANDOVAL, Federico Daniel; LOPEZ BACA, Ramon Arnoldo; KENNEDY, Sharon; JIMENEZ, Alejandro  
**(74)** Shelston IP Pty Ltd.
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2018452265  
**(21)** 2018452265 **(22)** 06.12.2018  
**(54)** Personal care compositions
- 
- (51)** Int. Cl.  
**A61Q 17/00** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
**(87)** WO2020/117239  
**(43)** 11.06.2020  
**(72)** FAN, Aixing; BOYD, Thomas; LE, Lan  
**(74)** Shelston IP Pty Ltd.
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2019388767  
**(21)** 2019388767 **(22)** 14.11.2019  
**(54)** Oral care compositions comprising charcoal  
**(51)** Int. Cl.  
**A61Q 11/00** ( 2006.01 )  
**A61K 8/25** ( 2006.01 )  
**A61K 8/96** ( 2006.01 )  
**(87)** WO2020/112367  
**(31)** 62/772,198 **(32)** 28.11.18 **(33)** US  
**(43)** 04.06.2020  
**(72)** MARTINETTI, Melissa; SURIANO, David; XU, Yun; PATEL, Gayatri  
**(74)** Shelston IP Pty Ltd.
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- (71)** Colgate-Palmolive Company  
**(11)** AU-A-2019390291  
**(21)** 2019390291 **(22)** 14.11.2019  
**(54)** Dual component compositions for teeth whitening  
**(51)** Int. Cl.  
**A61K 8/24** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**(87)** WO2020/112365  
**(31)** 62/771,930 **(32)** 27.11.18 **(33)** US  
**(43)** 04.06.2020  
**(72)** BANERJEE, Indrani; DONG, Rong; PIMENTA, Paloma; BROWN, James; MARTINETTI, Melissa; MALONEY, Venda Porter  
**(74)** Shelston IP Pty Ltd.
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- (71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-A-2019443912  
**(21)** 2019443912 **(22)** 20.11.2019  
**(54)** Process for regenerating a liquid absorbent  
**(51)** Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**C07D 213/38** ( 2006.01 )  
**C07D 213/53** ( 2006.01 )  
**(87)** WO2020/220064  
**(31)** 2019901496 **(32)** 02.05.19 **(33)** AU  
**(43)** 05.11.2020  
**(72)** PUXTY, Graeme; WEBSTER-GARDINER, Michael; CONWAY, William; YANG, Qi; BENNETT, Robert; FERON, Paul  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-A-2020296473  
**(21)** 2020296473 **(22)** 15.06.2020  
**(54)** Method of injecting ammonia fuel into a reciprocating engine
- 
- (51)** Int. Cl.  
**F02M 21/02** ( 2006.01 )  
**F02B 23/10** ( 2006.01 )  
**F02B 25/24** ( 2006.01 )  
**F02D 19/06** ( 2006.01 )  
**F02D 41/40** ( 2006.01 )  
**(87)** WO2020/252518  
**(31)** 2019902137 **(32)** 19.06.19 **(33)** AU  
**(43)** 24.12.2020  
**(72)** WIBBERLEY, Louis James  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Compagnie Gervais Danone  
**(11)** AU-A-2019361288  
**(21)** 2019361288 **(22)** 18.10.2019  
**(54)** Strained acidic reduced carbohydrate dairy products  
**(51)** Int. Cl.  
**A23C 9/12** ( 2006.01 )  
**A23C 9/137** ( 2006.01 )  
**A23C 9/14** ( 2006.01 )  
**A23C 9/142** ( 2006.01 )  
**A23C 19/076** ( 2006.01 )  
**(87)** WO2020/079270  
**(31)** 62/747,976 **(32)** 19.10.18 **(33)** US  
**(43)** 23.04.2020  
**(72)** MCCORMICK, Casey; SAINT-DENIS, Thierry; MCCARTHY, Melissa; FLABBI, Paola; CARLES PIQUERAS, Jose Maria  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Conmed Corporation  
**(11)** AU-A-2019379106  
**(21)** 2019379106 **(22)** 11.11.2019  
**(54)** Drill guide  
**(51)** Int. Cl.  
**A61B 17/17** ( 2006.01 )  
**(87)** WO2020/102069  
**(31)** 62/768,299 **(32)** 16.11.18 **(33)** US  
**(43)** 22.05.2020  
**(72)** THIBODEAU, Robert A.; SUMMITT, Matthew C.; ALFONSO, Gregory A.; CARSON, Christopher  
**(74)** Griffith Hack
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- (71)** Conmed Corporation  
**(11)** AU-A-2019380422  
**(21)** 2019380422 **(22)** 13.11.2019  
**(54)** Method of securing the shaft of a surgical instrument to the instrument housing  
**(51)** Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(87)** WO2020/102275  
**(31)** 62/767,014 **(32)** 14.11.18 **(33)** US  
**(43)** 22.05.2020  
**(72)** WILLIAMS, Mason; CONCELMAN, Julia  
**(74)** Griffith Hack
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- (71)** CONMED Corporation  
**(11)** AU-A-2019381680  
**(21)** 2019381680 **(22)** 12.11.2019

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- (54) Method for remotely cooling a scope-mounted (distal) arthroscopic light source
- (51) Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/06** ( 2006.01 )  
**A61B 1/12** ( 2006.01 )  
**F21V 29/67** ( 2015.01 )  
**F21V 29/76** ( 2015.01 )  
**A61B 90/30** ( 2016.01 )  
**A61N 5/06** ( 2006.01 )  
**F21W 131/20** ( 2006.01 )
- (87) WO2020/102134  
**(31)** 62/760,404 **(32)** 13.11.18 **(33)** US  
**(43)** 22.05.2020  
**(72)** PETERSON, Eric D.  
**(74)** Griffith Hack
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- (71) CooperGenomics, Inc.  
**(11)** AU-A-2019356033  
**(21)** 2019356033 **(22)** 07.10.2019  
**(54)** Systems and methods for identifying chromosomal abnormalities in an embryo  
**(51)** Int. Cl.  
**G16B 20/10** ( 2019.01 )
- (87) WO2020/073058  
**(31)** 62/742,211 **(32)** 05.10.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** BURKE, John; LARGE, Michael J.; BLAZEK, Joshua  
**(74)** MILLS OAKLEY IP
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- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019374752  
**(21)** 2019374752 **(22)** 04.11.2019  
**(54)** Compositions comprising pyridine carboxylate herbicides and fatty acid and lipid synthesis inhibitor herbicides  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 37/02** ( 2006.01 )  
**A01N 43/12** ( 2006.01 )  
**A01N 47/12** ( 2006.01 )  
**A01N 47/16** ( 2006.01 )  
**A01N 47/18** ( 2006.01 )  
**A01N 57/14** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )
- (87) WO2020/096939  
**(31)** 62/756,841 **(32)** 07.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** KISTER, Jeremy; SATCHIVI, Norbert M.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019375411  
**(21)** 2019375411 **(22)** 04.11.2019  
**(54)** Compositions comprising pyridine carboxylate herbicides and acetyl CoA carboxylase (ACCase) inhibitor herbicides  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 35/10** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01N 39/02** ( 2006.01 )  
**A01N 43/16** ( 2006.01 )  
**A01N 43/18** ( 2006.01 )
- (87) WO2020/096937  
**(31)** 62/756,716 **(32)** 07.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** SATCHIVI, Norbert M.; KISTER, Jeremy  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019375944  
**(21)** 2019375944 **(22)** 04.11.2019  
**(54)** Compositions comprising a pyridine carboxylate herbicide and protoporphyrinogen oxidase (PROTOX) inhibitor herbicides  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 33/22** ( 2006.01 )  
**A01N 37/46** ( 2006.01 )  
**A01N 37/48** ( 2006.01 )  
**A01N 39/04** ( 2006.01 )  
**A01N 41/06** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/76** ( 2006.01 )  
**A01N 43/82** ( 2006.01 )  
**A01N 43/84** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )
- (87) WO2020/096932  
**(31)** 62/756,703 **(32)** 07.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** SATCHIVI, Norbert M.; KISTER, Jeremy  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019376614  
**(21)** 2019376614 **(22)** 30.10.2019  
**(54)** Safened compositions comprising pyridine carboxylate herbicides and cloquintocet  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )
- (87) WO2020/096831  
**(31)** 62/756,163 **(32)** 06.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** SATCHIVI, Norbert M.; KISTER, Jeremy  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019377410  
**(21)** 2019377410 **(22)** 04.11.2019  
**(54)** Compositions comprising pyridine carboxylate herbicides with photosystem II and optional HPPD inhibitor herbicides  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 35/10** ( 2006.01 )  
**A01N 37/22** ( 2006.01 )
- (87) WO2020/096929  
**(31)** 62/756,809 **(32)** 07.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** KISTER, Jeremy; SATCHIVI, Norbert M.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019377411  
**(21)** 2019377411 **(22)** 04.11.2019  
**(54)** Compositions comprising a pyridine carboxylate herbicide and a microtubule assembly inhibitor herbicide  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 33/18** ( 2006.01 )  
**A01N 37/18** ( 2006.01 )  
**A01N 41/06** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )
- (87) WO2020/096938  
**(31)** 62/756,719 **(32)** 07.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** SATCHIVI, Norbert M.; KISTER, Jeremy  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Corteva Agriscience LLC  
**(11)** AU-A-2019377802  
**(21)** 2019377802 **(22)** 04.11.2019  
**(54)** Compositions comprising pyridine carboxylate herbicides and plant growth regulators  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 27/00** ( 2006.01 )  
**A01N 31/02** ( 2006.01 )  
**A01N 33/12** ( 2006.01 )  
**A01N 33/18** ( 2006.01 )  
**A01N 33/22** ( 2006.01 )  
**A01N 35/02** ( 2006.01 )  
**A01N 35/10** ( 2006.01 )  
**A01N 37/02** ( 2006.01 )  
**A01N 37/10** ( 2006.01 )  
**A01N 37/18** ( 2006.01 )  
**A01N 37/26** ( 2006.01 )  
**A01N 37/30** ( 2006.01 )  
**A01N 37/38** ( 2006.01 )  
**A01N 37/42** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A01N 39/02** ( 2006.01 )  
**A01N 39/04** ( 2006.01 )  
**A01N 43/12** ( 2006.01 )  
**A01N 43/16** ( 2006.01 )  
**A01N 43/28** ( 2006.01 )  
**A01N 43/32** ( 2006.01 )  
**A01N 43/38** ( 2006.01 )

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- A01N 43/54** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/78** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01N 45/00** ( 2006.01 )  
**A01N 45/02** ( 2006.01 )  
**A01N 47/02** ( 2006.01 )  
**A01N 47/06** ( 2006.01 )  
**A01N 47/20** ( 2006.01 )  
**A01N 47/22** ( 2006.01 )  
**A01N 47/36** ( 2006.01 )  
**A01N 53/00** ( 2006.01 )  
**A01N 55/00** ( 2006.01 )  
**A01N 57/04** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
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*C01B 33/158* (2006.01 )  
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**H02J 3/00** ( 2006.01 )  
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<p>(71) Intuit Inc.                      (11) AU-A-2019458741                      (21) 2019458741 (22) 31.07.2019                      (54) System and method for dynamic routing of messages between networks                      (51) Int. Cl.                      H04L 12/58 ( 2006.01 )                      H04L 12/725 ( 2013.01 )                      H04L 12/813 ( 2013.01 )                      (87) WO2021/021149                      (31) 16/523,689 (32) 26.07.19 (33) US                      (43) 04.02.2021                      (72) BADESCU, Gabriel; KAMDAR, Kiy-anosh; IYCHODIANDA, Chengappa D.; SIKKA, Pankaj; ABDULAZIZ, Samer                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Intuit Inc.                      (11) AU-A-2020372603                      (21) 2020372603 (22) 21.05.2020                      (54) Explainable rule-based calculations                      (51) Int. Cl.                      G06F 16/90 ( 2019.01 )                      (87) WO2021/086445                      (31) 16/671,890 (32) 01.11.19 (33) US                      (43) 06.05.2021                      (72) ROSHAN, Shashi; SHARMA, Aminish; SHAH, Manish; MAKWANA, Anoop; WANG, Gang                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) lovance Biotherapeutics, Inc.                      (11) AU-A-2019377422                      (21) 2019377422 (22) 04.11.2019                      (54) Treatment of NSCLC patients refractory for anti-PD-1 antibody                      (51) Int. Cl.                      A61K 35/17 ( 2015.01 )                      A61P 35/00 ( 2006.01 )                      C12N 5/0783 ( 2010.01 )                      (87) WO2020/096989                      (31) 62/756,025 (32) 05.11.18 (33) US                      62/903,627 20.09.19 US                      (43) 14.05.2020                      (72) FARDIS, Maria; NATARAJAN, Arvind                      (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Intuit Inc.                      (11) AU-A-2020319579                      (21) 2020319579 (22) 27.04.2020                      (54) Data aggregation using proxy entry of credentials                      (51) Int. Cl.                      H04L 29/06 ( 2006.01 )                      (87) WO2021/021261                      (31) 201921030707 (32) 30.07.19 (33) IN                      (43) 04.02.2021                      (72) SAMAYAVEL, Muniyaraj; ASTHANA, Prashant                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Inventio AG                      (11) AU-A-2019373294                      (21) 2019373294 (22) 22.10.2019                      (54) Lift operation terminal having situation-specific floor display                      (51) Int. Cl.                      B66B 1/46 ( 2006.01 )                      (87) WO2020/088994                      (31) 18203493.4 (32) 30.10.18 (33) EP                      (43) 07.05.2020                      (72) FELDER, Hugo                      (74) Griffith Hack</p>	<p>(71) ITM Isotopen Technologien München AG; Paul Scherrer Institut                      (11) AU-A-2019386997                      (21) 2019386997 (22) 28.11.2019                      (54) Novel tumor antigen binding agents and uses thereof                      (51) Int. Cl.                      A61K 51/04 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      (87) WO2020/109523                      (31) PCT/EP2018/082910 (32) 28.11.18 (33) EP                      (43) 04.06.2020                      (72) BENESOVA, Martina; MÜLLER, Cristina; UMBRICH, Christoph; SCHIBLI, Roger; ZHERNOSEKOV, Konstantin; DEBERLE, Luisa Maria                      (74) Allens Patent &amp; Trade Mark Attorneys</p>
<p>(71) Intuit Inc.                      (11) AU-A-2020325094                      (21) 2020325094 (22) 31.07.2020                      (54) Finite rank deep kernel learning with linear computational complexity                      (51) Int. Cl.                      G06N 3/04 ( 2006.01 )                      G06N 3/08 ( 2006.01 )                      G06N 7/00 ( 2006.01 )                      (87) WO2021/026006                      (31) 62/882,984 (32) 05.08.19 (33) US                      16/944,019 30.07.20 US                      (43) 11.02.2021                      (72) DASGUPTA, Sambarta; KUMAR, Sricharan; CHEN, Ji; DAS, Debasish                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) IO Biotech ApS                      (11) AU-A-2019378076                      (21) 2019378076 (22) 14.11.2019                      (54) Immunogenic Arginase 2 polypeptides                      (51) Int. Cl.                      A61K 38/00 ( 2006.01 )                      C12N 9/96 ( 2006.01 )                      (87) WO2020/099582                      (31) 1818576.9 (32) 14.11.18 (33) GB                      (43) 22.05.2020                      (72) ANDERSEN, Mads Hald                      (74) Spruson &amp; Ferguson</p>	<p>(71) J. Mac Safety Systems Limited                      (11) AU-A-2019409011                      (21) 2019409011 (22) 19.12.2019                      (54) A brick guard                      (51) Int. Cl.                      E04G 5/14 ( 2006.01 )                      (87) WO2020/128483                      (31) 1820716.7 (32) 19.12.18 (33) GB                      (43) 25.06.2020                      (72) MCCARTHY, Luis; ELEY, Liam                      (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) lovance Biotherapeutics, Inc.                      (11) AU-A-2019375416                      (21) 2019375416 (22) 04.11.2019                      (54) Selection of improved tumor reactive T-cells                      (51) Int. Cl.                      C12N 5/0783 ( 2010.01 )                      A61K 35/17 ( 2015.01 )                      (87) WO2020/096986</p>	<p>(71) Janssen Pharmaceutica NV                      (11) AU-A-2019380072                      (21) 2019380072 (22) 11.11.2019                      (54) Improved synthetic methods of making fused heterocyclic compounds as orexin receptor modulators                      (51) Int. Cl.</p>	

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Raphael; GALA, Dinesh  
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and methods of treating hepatitis B in-  
fections  
(51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
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**C07D 498/04** ( 2006.01 )  
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and methods of treating hepatitis B in-  
fections  
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blanket or comforter  
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**A63H 3/02** ( 2006.01 )
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**A23B 4/052** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )
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Shanghai Hengrui Pharmaceutical Co.,  
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fragment thereof and application there-  
of  
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prising a ball joint  
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mapper for a virtual wireless base sta-  
tion  
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**H04L 12/933** ( 2013.01 )  
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**H04W 88/08** ( 2009.01 )
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MASTERS, Jeffrey; AGRAWAL, Vishal;  
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(74) Dentons Patent Attorneys Australasia  
Limited
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**A61P 35/02** ( 2006.01 )  
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**C12N 5/10** ( 2006.01 )  
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- (74) FPA Patent Attorneys Pty Ltd
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**C07K 14/725** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
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**C12N 5/0783** ( 2010.01 )
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**A61K 35/17** ( 2015.01 )  
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*F02B 37/18* ( 2006.01 )  
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(43) 09.04.2020			<i>F25C 5/02</i> ( 2006.01 )		SON, Sunggyun; LEE, Donghoon;		
(72) LEE, Donghoon; LEE, Donghoon;			<i>F25C 5/20</i> ( 2018.01 )		YEOM, Seungseob; BAE, Yongjun;		
LEE, Wookyong; YEOM, Seungseob;			<i>F25D 25/02</i> ( 2006.01 )		PARK, Chongyoung		
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			10-2019-0081747	06.07.19	KR	(54) Refrigerator	
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same			(74) Dentons Patent Attorneys Australasia			<i>F25D 25/02</i> ( 2006.01 )	
(51) Int. Cl.			Limited			<i>F25D 29/00</i> ( 2006.01 )	
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<i>F25D 29/00</i> ( 2006.01 )			for			10-2018-0142117	16.11.18
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10-2018-0117785	02.10.18	KR	<i>F25C 5/02</i> ( 2006.01 )			PARK, Chongyoung; LEE, Donghoon;	
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BAE, Yongjun; SON, Sunggyun; PARK,			(31) 10-2018-0117819	(32) 02.10.18	(33) KR	(71) LG Electronics Inc.	
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			<i>F25C 1/18</i> ( 2006.01 )			YEOM, Seungseob; LEE, Donghoon;	
			<i>F25C 1/24</i> ( 2018.01 )			BAE, Yongjun; SON, Sunggyun; PARK,	
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 (54) Adhesive pad

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**A61F 5/56** ( 2006.01 )  
**A61C 7/00** ( 2006.01 )  
**A61C 19/06** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
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 (54) Nutritional composition comprising urea and non-digestible oligosaccharides  
 (51) Int. Cl.  
**A23L 33/21** ( 2016.01 )  
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**A61K 31/715** ( 2006.01 )  
**A61P 1/12** ( 2006.01 )  
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**A61K 35/20** ( 2006.01 )  
**A23C 21/00** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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 (51) Int. Cl.  
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*B65D 43/02* ( 2006.01 )  
*B65D 50/06* ( 2006.01 )  
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 (51) Int. Cl.  
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*G06N 5/02* ( 2006.01 )  
*G10L 15/18* ( 2013.01 )  
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 (74) Baxter Patent Attorneys Pty Ltd
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 (21) 2019376649 (22) 07.11.2019  
 (54) Semantic artificial intelligence agent  
 (51) Int. Cl.  
*G06N 99/00* ( 2019.01 )  
*H04W 4/00* ( 2018.01 )  
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 (51) Int. Cl.  
*C22C 38/02* ( 2006.01 )  
*C21D 8/02* ( 2006.01 )  
*C22C 38/04* ( 2006.01 )  
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*A61K 31/541* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
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 (54) Weapon launch system for a submersible vessel  
 (51) Int. Cl.  
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2019378000 (22) 12.11.2019  
 (54) Weapon launch system for a submersible vessel  
 (51) Int. Cl.  
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 (21) 2019382079 (22) 12.11.2019  
 (54) Weapon-launching system for a submersible vessel  
 (51) Int. Cl.  
*F41F 3/10* ( 2006.01 )  
*B63G 8/32* ( 2006.01 )  
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 (51) Int. Cl.  
*A61K 38/20* ( 2006.01 )  
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**(74)** Griffith Hack
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**(11)** AU-A-2019373211  
**(21)** 2019373211 **(22)** 30.10.2019  
**(54)** Techniques for recommending items to users  
**(51)** Int. Cl.  
**G06N 5/00** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**(87)** WO2020/092488  
**(31)** 62/754,536 **(32)** 01.11.18 **(33)** US  
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**(43)** 07.05.2020  
**(72)** STECK, Harald  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Netflix, Inc.  
**(11)** AU-A-2019374139  
**(21)** 2019374139 **(22)** 01.11.2019  
**(54)** Techniques for encoding a media title via multiple encoders  
**(51)** Int. Cl.  
**H04N 21/23** ( 2011.01 )  
**H04N 21/25** ( 2011.01 )  
**H04N 21/854** ( 2011.01 )  
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**(72)** KATSAVOUNIDIS, Ioannis  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Net World Sports Limited  
**(11)** AU-A-2019373764  
**(21)** 2019373764 **(22)** 30.10.2019  
**(54)** A lifting and transporting assembly for lifting and transporting a goal  
**(51)** Int. Cl.  
**A63B 71/02** ( 2006.01 )  
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**(72)** LOVEN, Alexander  
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**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
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**(54)** Endoscopic system for energy delivery  
**(51)** Int. Cl.  
**A61M 25/00** ( 2006.01 )  
**F16L 11/08** ( 2006.01 )  
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**(31)** 62/771,825 **(32)** 27.11.18 **(33)** US  
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**(54)** Trimetallic layered double hydroxide composition  
**(51)** Int. Cl.  
**B01J 23/86** ( 2006.01 )  
**B01J 23/26** ( 2006.01 )  
**B01J 23/745** ( 2006.01 )  
**B01J 23/755** ( 2006.01 )  
**B01J 35/04** ( 2006.01 )  
**C25B 1/04** ( 2006.01 )  
**C25D 3/04** ( 2006.01 )  
**C25D 3/12** ( 2006.01 )  
**C25D 3/20** ( 2006.01 )  
**(87)** WO2020/093081  
**(43)** 14.05.2020  
**(72)** ZHAO, Chuan; BO, Xin  
**(74)** Shelston IP Pty Ltd.
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- (71)** NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd  
**(11)** AU-A-2019373092  
**(21)** 2019373092 **(22)** 29.10.2019  
**(54)** Hydrogen evolution reaction catalyst  
**(51)** Int. Cl.  
**C25B 1/04** ( 2006.01 )  
**B01J 23/22** ( 2006.01 )  
**B01J 23/75** ( 2006.01 )  
**B01J 23/755** ( 2006.01 )  
**C25B 11/061** ( 2021.01 )  
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**(72)** ZHAO, Chuan; LI, Yibing  
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**(11)** AU-A-2019377959  
**(21)** 2019377959 **(22)** 12.11.2019  
**(54)** A signal combiner  
**(51)** Int. Cl.
- G06N 10/00** ( 2019.01 )  
**(87)** WO2020/097676  
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**(43)** 22.05.2020  
**(72)** GILBERT, William James  
**(74)** Allens Patent & Trade Mark Attorneys
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**(11)** AU-A-2019375544  
**(21)** 2019375544 **(22)** 06.11.2019  
**(54)** Weapon assembly and turret comprising such an assembly  
**(51)** Int. Cl.  
**F41A 23/24** ( 2006.01 )  
**F41A 25/00** ( 2006.01 )  
**F41A 27/30** ( 2006.01 )  
**(87)** WO2020/095229  
**(31)** 1801168 **(32)** 08.11.18 **(33)** FR  
**(43)** 14.05.2020  
**(72)** DESCATOIRE, Xavier  
**(74)** Wallington-Dummer
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- (71)** Nextacker Inc.  
**(11)** AU-A-2019383977  
**(21)** 2019383977 **(22)** 19.11.2019  
**(54)** Staged stowage of solar trackers and methods thereof  
**(51)** Int. Cl.  
**H02S 20/32** ( 2014.01 )  
**F24S 50/20** ( 2018.01 )  
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**(11)** AU-A-2019377125  
**(21)** 2019377125 **(22)** 08.11.2019  
**(54)** Bone fixation device and method  
**(51)** Int. Cl.  
**A61B 17/86** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/58** ( 2006.01 )  
**A61B 17/60** ( 2006.01 )  
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**(74)** Zone Law Limited
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**(21)** 2019352036 **(22)** 05.10.2019  
**(54)** Auto lock cable lifter  
**(51)** Int. Cl.  
**B66D 5/32** ( 2006.01 )  
**B66D 1/40** ( 2006.01 )  
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**(31)** 62/741,555 **(32)** 05.10.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** NGUYEN, Nhon Hoa  
**(74)** Atkinson IP

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(54) Method for producing erythroid cells  
(51) Int. Cl.  
*C07K 14/475* ( 2006.01 )  
*C12N 5/078* ( 2010.01 )  
*C12N 15/113* ( 2010.01 )  
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(43) 14.05.2020  
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THORNTON, Nicole; TILLEY, Louise;  
ANSTEE, David  
(74) Davies Collison Cave Pty Ltd
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(21) 2019371078 (22) 31.10.2019  
(54) Aerosolisable formulation  
(51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
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(31) 1817867.3 (32) 01.11.18 (33) GB  
(43) 07.05.2020  
(72) CABOT, Ross  
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(54) Aerosolisable formulation  
(51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
(87) WO2020/089637  
(31) 1817865.7 (32) 01.11.18 (33) GB  
(43) 07.05.2020  
(72) CABOT, Ross  
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(54) Aerosolised formulation  
(51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
*A24F 40/10* ( 2020.01 )  
(87) WO2020/089638  
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(43) 07.05.2020  
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(54) Aerosolisable formulation  
(51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
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(31) 1817859.0 (32) 01.11.18 (33) GB  
(43) 07.05.2020  
(72) CABOT, Ross  
(74) Shelston IP Pty Ltd.
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(11) AU-A-2019375079  
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(54) Device calibration and method  
(51) Int. Cl.  
*A24F 47/00* ( 2020.01 )  
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(31) 1818007.5 (32) 05.11.18 (33) GB  
(43) 14.05.2020  
(72) LEADLEY, David  
(74) Shelston IP Pty Ltd.
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(11) AU-A-2019378138  
(21) 2019378138 (22) 04.10.2019  
(54) System and method of consumption control  
(51) Int. Cl.  
*G16H 20/10* ( 2018.01 )  
*A24F 47/00* ( 2020.01 )  
*G16H 40/63* ( 2018.01 )  
*G16H 40/67* ( 2018.01 )  
(87) WO2020/099824  
(31) 1818743.5 (32) 16.11.18 (33) GB  
(43) 22.05.2020  
(72) LEADLEY, David  
(74) Shelston IP Pty Ltd.
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- (71) Nippon Chemical Industrial Co., Ltd.  
(11) AU-A-2019415246  
(21) 2019415246 (22) 20.12.2019  
(54) Phosphine for fumigation, method for producing same, and fumigation method  
(51) Int. Cl.  
*C01B 25/06* ( 2006.01 )  
*A01N 25/00* ( 2006.01 )  
*A01N 25/20* ( 2006.01 )  
*A01N 61/00* ( 2006.01 )  
*A01P 7/04* ( 2006.01 )  
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*G07F 11/00* (2006.01)  
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**H05B 45/10** ( 2020.01 )  
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 (51) Int. Cl.  
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(51) Int. Cl.  
*C08G 63/02* ( 2006.01 )  
*B29B 9/00* ( 2006.01 )  
*B29C 49/00* ( 2006.01 )  
*C08G 63/06* ( 2006.01 )  
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(51) Int. Cl.  
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(54) Polyglycolide copolymer composition and preparation thereof

(51) Int. Cl.  
*C08L 67/04* ( 2006.01 )  
*C08K 3/00* ( 2018.01 )

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(51) Int. Cl.  
*C08G 63/06* ( 2006.01 )  
*B29B 9/00* ( 2006.01 )  
*B29C 49/00* ( 2006.01 )  
*C08G 63/83* ( 2006.01 )  
*C08G 63/84* ( 2006.01 )  
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(51) Int. Cl.  
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*C07D 319/12* ( 2006.01 )

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(21) 2018448137 (22) 29.10.2018  
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(51) Int. Cl.  
*C07D 319/12* ( 2006.01 )  
*C08G 63/06* ( 2006.01 )

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 (43) 07.05.2020  
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 (21) 2018448138 (22) 29.10.2018

(54) Controlled production of polyglycolic acid and glycolide

(51) Int. Cl.  
*C08G 63/06* ( 2006.01 )  
*C07D 319/12* ( 2006.01 )  
*C08G 63/84* ( 2006.01 )

(87) WO2020/087221  
 (43) 07.05.2020  
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(21) 2019382545 (22) 20.09.2019  
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(51) Int. Cl.  
*C07C 201/04* ( 2006.01 )  
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(21) 2020272448 (22) 04.02.2020  
 (54) Calibration method for liquid flowmeter

(51) Int. Cl.  
*G01F 25/00* ( 2006.01 )

(87) WO2020/209806  
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 (54) Control search space overlap indication

(51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
*H04W 72/04* ( 2009.01 )

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(51) Int. Cl.  
*H04N 19/13* ( 2014.01 )  
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*H04N 19/18* ( 2014.01 )  
*H04N 19/186* ( 2014.01 )  
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**(54)** Apparatus and method for performing  
 formation stress testing in an openhole  
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 changeable units in an aerosol delivery  
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 a method of converting same into a  
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 C09D 5/02 ( 2006.01 )  
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*G01C 22/00* ( 2006.01 )  
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*F16L 15/06* ( 2006.01 )  
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C12N 1/14 ( 2006.01 )  
A23C 19/068 ( 2006.01 )  
C12R 1/80 ( 2006.01 )
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E21B 23/04 ( 2006.01 )  
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**A61P 1/00** ( 2006.01 )  
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**B29C 65/02** ( 2006.01 )  
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**B29C 65/18** ( 2006.01 )  
**B29D 22/02** ( 2006.01 )  
**B65B 7/28** ( 2006.01 )  
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**B65D 85/804** ( 2006.01 )  
**B29C 51/14** ( 2006.01 )  
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(54) Method for roasting coffee beans  
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**A23N 12/08** ( 2006.01 )  
**A23F 5/04** ( 2006.01 )  
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 B31B 50/59 (2017.01)  
 B31B 50/25 (2017.01)  
 B31B 50/88 (2017.01)  
 B31F 1/08 (2006.01)  
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 (54) Human milk fortifier composition  
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<p>(71) Teijin Limited; JCR Pharmaceuticals Co., Ltd.                      (11) AU-A-2019364026                      (21) 2019364026 (22) 21.10.2019                      (54) Filter for filtering, container with filter, and method for removing foreign matter in cell suspension                      (51) Int. Cl.  <i>B01D 39/08</i> ( 2006.01 )  <i>B01D 39/16</i> ( 2006.01 )  <i>B01D 39/20</i> ( 2006.01 )  <i>B03B 5/00</i> ( 2006.01 )  <i>C12M 1/00</i> ( 2006.01 )  <i>C12M 3/06</i> ( 2006.01 )  <i>B07B 1/00</i> ( 2006.01 )  <i>B07B 1/46</i> ( 2006.01 )                      (87) WO2020/085301                      (31) 2018-199182 (32) 23.10.18 (33) JP                      (43) 30.04.2020                      (72) KOHNO, Azusa; KUSHIDA, Takashi; ISHIWARI, Ayumi; IMAGAWA, Kiwamu; HOSODA, Yuki                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Tempus Labs                      (11) AU-A-2019359878                      (21) 2019359878 (22) 17.10.2019                      (54) Data based cancer research and treatment systems and methods                      (51) Int. Cl.  <i>G16H 10/60</i> ( 2018.01 )  <i>G16H 50/20</i> ( 2018.01 )  <i>G16H 50/30</i> ( 2018.01 )  <i>G16H 50/50</i> ( 2018.01 )  <i>G16H 50/70</i> ( 2018.01 )                      (87) WO2020/081795                      (31) 62/746,997 (32) 17.10.18 (33) US                      (43) 23.04.2020                      (72) COLLEY, Shane; SIMPSON, Isaiah; REUTER, Brian; TELL, Bob; LEFKOFSKI, Hailey; LANE, Hunter; WHITE, Kevin; BEAUBIER, Nike; BUSH, Stephen; KHAN, Aly; LAU, Denise; SHAH, Kaanan; LEFKOFSKY, Eric                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Thales Holdings UK PLC                      (11) AU-A-2019386290                      (21) 2019386290 (22) 28.11.2019                      (54) Method and apparatus for determining a position of a vehicle                      (51) Int. Cl.  <i>B61L 25/02</i> ( 2006.01 )  <i>G01C 21/16</i> ( 2006.01 )  <i>G01C 21/20</i> ( 2006.01 )  <i>G01C 21/30</i> ( 2006.01 )                      (87) WO2020/109476                      (31) 1819619.6 (32) 30.11.18 (33) GB                      (43) 04.06.2020                      (72) BATCHELOR, Andrew; WATSON, Douglas                      (74) Griffith Hack</p>
<p>(71) Telefonaktiebolaget LM Ericsson (PUBL)                      (11) AU-A-2019371163                      (21) 2019371163 (22) 01.11.2019                      (54) Handling service data application protocol (SDApP) end markers at handover                      (51) Int. Cl.  <i>H04W 36/00</i> ( 2009.01 )  <i>H04W 28/02</i> ( 2009.01 )                      (87) WO2020/089849                      (31) 62/754,949 (32) 02.11.18 (33) US                      (43) 07.05.2020                      (72) FIORANI, Matteo; VESELY, Alexander                      (74) AJ Park</p>	<p>(71) Tessara Therapeutics Pty Ltd                      (11) AU-A-2019364863                      (21) 2019364863 (22) 25.10.2019                      (54) Nervous system cell therapy                      (51) Int. Cl.  <i>A61K 35/30</i> ( 2015.01 )  <i>A61K 9/00</i> ( 2006.01 )  <i>A61K 35/12</i> ( 2015.01 )  <i>C12N 5/00</i> ( 2006.01 )                      (87) WO2020/082134                      (31) 2018904068 (32) 26.10.18 (33) AU                      (43) 30.04.2020                      (72) BOYER, Christopher; PAPADIMITRIOU, Christos                      (74) FB Rice Pty Ltd</p>	<p>(71) The Board of Trustees of the Leland Stanford Junior University                      (11) AU-A-2019356549                      (21) 2019356549 (22) 09.10.2019                      (54) Engineered fibroblast growth factor variants combined with engineered hepatocyte growth factor variants for treatment                      (51) Int. Cl.  <i>A61P 27/02</i> ( 2006.01 )  <i>A61K 38/18</i> ( 2006.01 )  <i>C12N 15/09</i> ( 2006.01 )                      (87) WO2020/076991                      (31) 62/743,416 (32) 09.10.18 (33) US                      (43) 16.04.2020                      (72) COCHRAN, Jennifer; MYUNG, David                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Telora Pty Ltd                      (11) AU-A-2019362970                      (21) 2019362970 (22) 16.10.2019                      (54) A system and method monitoring and assisting one or more worker operating on respective worksites                      (51) Int. Cl.  <i>G06Q 10/06</i> ( 2012.01 )                      (87) WO2020/077401                      (31) 2018903903 (32) 16.10.18 (33) AU</p>	<p>(71) Thales                      (11) AU-A-2019364655                      (21) 2019364655 (22) 16.10.2019                      (54) Acoustic transmitting antenna                      (51) Int. Cl.  <i>G01S 7/52</i> ( 2006.01 )  <i>B06B 1/06</i> ( 2006.01 )  <i>G10K 11/00</i> ( 2006.01 )                      (87) WO2020/083724                      (31) 1801114 (32) 22.10.18 (33) FR                      (43) 30.04.2020                      (72) LAGIER, Yves; LARDAT, Raphaël; TODESCO, Jérémie                      (74) FB Rice Pty Ltd</p>	<p>(71) The Board of Trustees of the Leland Stanford Junior University                      (11) AU-A-2019366472                      (21) 2019366472 (22) 28.10.2019                      (54) Methods and uses of introducing mutations into genetic material for genome assembly                      (51) Int. Cl.  <i>C12Q 1/6827</i> ( 2018.01 )  <i>C12Q 1/6869</i> ( 2018.01 )  <i>G16B 30/20</i> ( 2019.01 )                      (87) WO2020/087076                      (31) 62/751,469 (32) 26.10.18 (33) US                      (43) 30.04.2020                      (72) ENDLICH, Solomon; KING, Devin; MORRISON, Ashby J.                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Thales Holdings UK Plc                      (11) AU-A-2019386984                      (21) 2019386984 (22) 28.11.2019                      (54) Method and apparatus for determining a position of a vehicle                      (51) Int. Cl.  <i>G01C 21/16</i> ( 2006.01 )  <i>B61L 25/02</i> ( 2006.01 )  <i>G01C 21/30</i> ( 2006.01 )                      (87) WO2020/109471</p>	<p>(71) The Board of Trustees of the Leland Stanford Junior University                      (11) AU-A-2019377137                      (21) 2019377137 (22) 11.11.2019                      (54) Hybrid immolative cell-penetrating complexes for nucleic acid delivery                      (51) Int. Cl.</p>	<p>(71) The Board of Trustees of the Leland Stanford Junior University                      (11) AU-A-2019377137                      (21) 2019377137 (22) 11.11.2019                      (54) Hybrid immolative cell-penetrating complexes for nucleic acid delivery                      (51) Int. Cl.</p>

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**C12N 15/85** ( 2006.01 )
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**F23D 14/60** ( 2006.01 )  
**F23D 23/00** ( 2006.01 )  
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**A61K 31/497** ( 2006.01 )  
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(51) Int. Cl.  
**C07K 7/06** ( 2006.01 )  
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**A61P 19/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )

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**(54)** Naphthyridine and quinoline derivatives useful as ALK5 inhibitors  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**(21)** 2019372440 **(22)** 04.11.2019  
**(54)** Methods to diagnose and treat cancer using non-human nucleic acids  
**(51)** Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
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**G01N 33/569** ( 2006.01 )  
**G16H 50/20** ( 2018.01 )  
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**(54)** Anti-cancer activity of adamantane derivatives  
**(51)** Int. Cl.  
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**A01N 63/00** ( 2020.01 )  
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**H01J 49/02** ( 2006.01 )  
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**(11)** AU-A-2019385332  
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**(51)** Int. Cl.  
**A61L 27/18** ( 2006.01 )  
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**(21)** 2019356804 **(22)** 07.10.2019  
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**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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**A61K 47/68** ( 2017.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07K 5/08** ( 2006.01 )  
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**C07K 7/06** ( 2006.01 )  
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**C07K 16/18** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 213/82** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
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**C07D 307/68** ( 2006.01 )  
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(51) Int. Cl.  
C07D 405/14 ( 2006.01 )  
A61K 31/506 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
C07D 403/04 ( 2006.01 )  
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C07D 405/14 ( 2006.01 )  
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**(43)** 23.07.2020  
**(72)** LLORENS DEL RIO, Daniel; MATH-EOUD, Alessandro; GIMERSKY, Martin; FAJARDO, Manuel; BUTLER, Alexander  
**(74)** Adams Pluck
- 
- (71)** Vivet Therapeutics  
**(11)** AU-A-2019356165  
**(21)** 2019356165 (22) 11.10.2019  
**(54)** Codon-optimized transgene for the treatment of progressive familiar intra-hepatic cholestasis type 3 (PFIC3)  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2020/074690  
**(31)** 18306349.4 (32) 12.10.18 (33) EP  
**(43)** 16.04.2020  
**(72)** WEBER, Nicholas; GONZALEZ ASEGUINOLAZA, Gloria; SMERDOU, Cristian  
**(74)** Spruson & Ferguson
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- (71)** Vivo Mobile Communication Co.,Ltd.  
**(11)** AU-A-2019351179  
**(21)** 2019351179 (22) 22.08.2019  
**(54)** Method for determining occupation time of channel state information (CSI) processing unit, and terminal device  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 52/14** ( 2009.01 )  
**(87)** WO2020/063211  
**(31)** 201811161675.9 (32) 30.09.18 (33) CN  
 201811333704.5 09.11.18 CN  
**(43)** 02.04.2020  
**(72)** SONG, Yang; SUN, Peng  
**(74)** Adams Pluck
- 
- (71)** Voclarity Health, LLC  
**(11)** AU-A-2019371213  
**(21)** 2019371213 (22) 04.11.2019  
**(54)** Methods and system for associating between discharge of chemicals, and corresponding genetic, medical and/or pathological conditions  
**(51)** Int. Cl.  
**G01N 33/497** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/097** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(87)** WO2020/089923  
**(31)** 62/772,645 (32) 29.11.18 (33) US  
 62/929,882 03.11.19 US  
 262771 04.11.18 IL  
**(43)** 07.05.2020  
**(72)** HERSHTIK, Harel; MORRIS, Drew; CANTOR, Ehud  
**(74)** WRAYS PTY LTD
- 
- (71)** Vortex Pipe Systems LLC  
**(11)** AU-A-2019386612  
**(21)** 2019386612 (22) 17.09.2019  
**(54)** Material flow amplifier  
**(51)** Int. Cl.  
**F15D 1/04** ( 2006.01 )  
**B01F 3/00** ( 2006.01 )  
**B01F 3/08** ( 2006.01 )  
**B01F 3/10** ( 2006.01 )  
**B01F 3/12** ( 2006.01 )  
**B01F 3/18** ( 2006.01 )  
**B01F 5/00** ( 2006.01 )  
**(87)** WO2020/112215  
**(31)** 62/917,233 (32) 29.11.18 (33) US  
 16/445,127 18.06.19 US  
**(43)** 04.06.2020  
**(72)** SCHMIDT, Paul Wayne; GHOSH, Avijit  
**(74)** Spruson & Ferguson
- 
- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2019355984  
**(21)** 2019355984 (22) 04.10.2019  
**(54)** Constraining mechanisms and associated methods  
**(51)** Int. Cl.  
**A61F 2/95** ( 2013.01 )  
**(87)** WO2020/072861  
**(31)** 62/741,944 (32) 05.10.18 (33) US  
**(43)** 09.04.2020  
**(72)** STASTKA, Jerry J.  
**(74)** Griffith Hack
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- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2019355988  
**(21)** 2019355988 (22) 04.10.2019  
**(54)** Constraining mechanisms for selective deployment and associated methods  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 2/95** ( 2013.01 )  
**(87)** WO2020/072876  
**(31)** 62/741,948 (32) 05.10.18 (33) US  
 62/746,270 16.10.18 US  
**(43)** 09.04.2020  
**(72)** STASTKA, Jerry J.  
**(74)** Griffith Hack
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- (71)** Waboba AB  
**(11)** AU-A-2018444272  
**(21)** 2018444272 (22) 04.10.2018  
**(54)** Disc shaped throwing object  
**(51)** Int. Cl.  
**A63H 33/18** ( 2006.01 )  
**(87)** WO2020/071973  
**(43)** 09.04.2020  
**(72)** VON HELAND, Axel  
**(74)** Griffith Hack
- 
- (71)** Washington University  
**(11)** AU-A-2019377461  
**(21)** 2019377461 (22) 06.11.2019  
**(54)** Chimeric antigen receptor memory-like (CARML) NK cells and methods of making and using same  
**(51)** Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**C07K 16/28** ( 2006.01 )

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**C07K 16/30** ( 2006.01 )  
**(87)** WO2020/097164  
**(31)** 62/756,294 **(32)** 06.11.18 **(33)** US  
 62/788,440 04.01.19 US  
**(43)** 14.05.2020  
**(72)** FEHNIGER, Todd A.; BERRIEN-ELLI-  
 OT, Melissa  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Waymo LLC  
**(11)** AU-A-2019377392  
**(21)** 2019377392 **(22)** 30.10.2019  
**(54)** Systems for implementing fallback be-  
 haviors for autonomous vehicles  
**(51)** Int. Cl.  
**B60W 30/14** ( 2006.01 )  
**B60W 40/02** ( 2006.01 )  
**B60W 40/06** ( 2012.01 )  
**B60W 40/105** ( 2012.01 )  
**B60W 50/02** ( 2012.01 )  
**B60W 50/029** ( 2012.01 )  
**(87)** WO2020/096830  
**(31)** 16/180,267 **(32)** 05.11.18 **(33)** US  
**(43)** 14.05.2020  
**(72)** CHI, Emily; ANDRADE, Ryan Joseph;  
 JAMES, Michael; SUCAN, Ioan-alexan-  
 dru; LUDWICK, Christopher Kennedy;  
 HERBACH, Joshua Seth; BALAKHNO,  
 Misha; BARTON-SWEENEY, Andrew  
**(74)** RnB IP Pty Ltd

**(71)** WearOptimo Pty Ltd  
**(11)** AU-A-2019352500  
**(21)** 2019352500 **(22)** 01.10.2019  
**(54)** Treatment delivery system  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**(87)** WO2020/069568  
**(31)** 2018903711 **(32)** 02.10.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** KENDALL, Mark Anthony Fernance;  
 WILSON, Stephen James; BREWER,  
 Anthony Mark  
**(74)** Davies Collison Cave Pty Ltd

**(71)** WearOptimo Pty Ltd  
**(11)** AU-A-2019352635  
**(21)** 2019352635 **(22)** 01.10.2019  
**(54)** Actuator system  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
**(87)** WO2020/069569  
**(31)** 2018903714 **(32)** 02.10.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** KENDALL, Mark Anthony Fernance;  
 WILSON, Stephen James; BREWER,  
 Anthony Mark  
**(74)** Davies Collison Cave Pty Ltd

**(71)** WearOptimo Pty Ltd  
**(11)** AU-A-2019352901  
**(21)** 2019352901 **(22)** 01.10.2019  
**(54)** Measurement system

**(51)** Int. Cl.  
**A61B 5/05** ( 2006.01 )  
**(87)** WO2020/069565  
**(31)** 2018903709 **(32)** 02.10.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** KENDALL, Mark Anthony Fernance;  
 WILSON, Stephen James; BREWER,  
 Anthony Mark  
**(74)** Davies Collison Cave Pty Ltd

**(71)** WearOptimo Pty Ltd  
**(11)** AU-A-2019352903  
**(21)** 2019352903 **(22)** 01.10.2019  
**(54)** Analyte detection system  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**(87)** WO2020/069570  
**(31)** 2018903716 **(32)** 02.10.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** KENDALL, Mark Anthony Fernance;  
 WILSON, Stephen James; BREWER,  
 Anthony Mark  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Webber, C.  
**(11)** AU-A-2019370634  
**(21)** 2019370634 **(22)** 01.11.2019  
**(54)** Method and system for organizing  
 events  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 10/10** ( 2012.01 )  
**(87)** WO2020/087180  
**(31)** 62/754,328 **(32)** 01.11.18 **(33)** US  
**(43)** 07.05.2020  
**(72)** WEBBER, Cole  
**(74)** Spruson & Ferguson

**(71)** Welltec A/S  
**(11)** AU-A-2019356964  
**(21)** 2019356964 **(22)** 11.10.2019  
**(54)** Intervention system and method for op-  
 erating an intervention system  
**(51)** Int. Cl.  
**E21B 17/20** ( 2006.01 )  
**E21B 23/00** ( 2006.01 )  
**E21B 23/14** ( 2006.01 )  
**E21B 47/10** ( 2012.01 )  
**(87)** WO2020/074683  
**(31)** 18200224.6 **(32)** 12.10.18 **(33)** EP  
**(43)** 16.04.2020  
**(72)** NESGAARD, Carsten  
**(74)** Spruson & Ferguson

**(71)** WheelRight Limited  
**(11)** AU-A-2020211766  
**(21)** 2020211766 **(22)** 20.01.2020  
**(54)** Tyre sidewall imaging method  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06K 9/32** ( 2006.01 )  
**G06K 9/46** ( 2006.01 )  
**(87)** WO2020/152440  
**(31)** 1900915.8 **(32)** 23.01.19 **(33)** GB

**(43)** 30.07.2020  
**(72)** KAZMI, Syed Wajahat Ali Shah;  
 NABNEY, Ian Thomas; VOGIATZIS,  
 George; CODD, Alexander Paul  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Yang, C.; Wang, C.  
**(11)** AU-A-2019359021  
**(21)** 2019359021 **(22)** 13.09.2019  
**(54)** Stackable thermoplastic egg tray and  
 egg packaging carton  
**(51)** Int. Cl.  
**B65D 85/32** ( 2006.01 )  
**(87)** WO2020/076149  
**(31)** PI 2018001716 **(32)** 10.10.18 **(33)** MY  
**(43)** 16.04.2020  
**(72)** YANG, Chang Kwong; WANG, Chih-  
 Shun  
**(74)** MEYER WEST IP PTY LTD

**(71)** YETI Coolers, LLC  
**(11)** AU-A-2019374770  
**(21)** 2019374770 **(22)** 05.11.2019  
**(54)** Container and method of forming a con-  
 tainer  
**(51)** Int. Cl.  
**A47J 41/00** ( 2006.01 )  
**(87)** WO2020/097033  
**(31)** 16/180,599 **(32)** 05.11.18 **(33)** US  
 16/537,873 12.08.19 US  
**(43)** 14.05.2020  
**(72)** NICHOLS, Steve Charles; GOLD-  
 BERG, Evan; ABANTE, Edward  
**(74)** In-Legal Limited

**(71)** Yext, Inc.  
**(11)** AU-A-2019366949  
**(21)** 2019366949 **(22)** 23.10.2019  
**(54)** Knowledge search system  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**G06Q 30/02** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
**G06Q 30/08** ( 2012.01 )  
**(87)** WO2020/086722  
**(31)** 62/749,457 **(32)** 23.10.18 **(33)** US  
**(43)** 30.04.2020  
**(72)** FERRENTINO, Marc; RU, Han Byul;  
 CAFFREY, Kevin; SHAW, Max; KEN-  
 NELL, Jon; FRAILEY, Catherine;  
 CLARK, Jeremy; SANSHWE, Steven;  
 DIXO, Tom; FANCHER, Jacob  
**(74)** Spruson & Ferguson

**(71)** Ynsect  
**(11)** AU-A-2019358539  
**(21)** 2019358539 **(22)** 11.10.2019  
**(54)** Insect powder for preventing skeletal  
 deformities in fish and/or increasing the  
 strength of a fish bone during farming  
**(51)** Int. Cl.  
**A61K 35/64** ( 2015.01 )  
**A23K 10/20** ( 2016.01 )  
**A23K 50/80** ( 2016.01 )  
**A61P 19/00** ( 2006.01 )  
**(87)** WO2020/074844  
**(31)** 1859486 **(32)** 12.10.18 **(33)** FR

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(43) 16.04.2020  
 (72) MOTTE, Constant; ARMENJON, Benjamin  
 (74) Griffith Hack

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(71) Zebra Technologies Corporation  
 (11) AU-A-2019370149  
 (21) 2019370149 (22) 04.10.2019  
 (54) Method, system and apparatus for supply chain event reporting  
 (51) Int. Cl.  
     G06Q 10/06 ( 2012.01 )  
     G05B 19/418 ( 2006.01 )  
     G06F 21/60 ( 2013.01 )  
     G06Q 10/08 ( 2012.01 )  
     H04L 9/06 ( 2006.01 )  
 (87) WO2020/091946  
 (31) 16/173,688 (32) 29.10.18 (33) US  
 (43) 07.05.2020  
 (72) CLEVENGER, Nathan J.; EHLERS, Andrew; KOWALSKI, Matthew Louis; SEIMER, John M.  
 (74) Spruson & Ferguson

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(71) Zebra Technologies Corporation  
 (11) AU-A-2019406116  
 (21) 2019406116 (22) 18.10.2019  
 (54) Authentication for connecting a barcode reader to a client computing device  
 (51) Int. Cl.  
     G06K 7/00 ( 2006.01 )  
     H04B 7/00 ( 2006.01 )  
     H04L 9/32 ( 2006.01 )  
     H04L 29/06 ( 2006.01 )  
     H04W 12/04 ( 2009.01 )  
     H04W 12/06 ( 2009.01 )  
 (87) WO2020/131207  
 (31) 16/221,753 (32) 17.12.18 (33) US  
 (43) 25.06.2020  
 (72) BHELLA, Kenneth S.; WRIGHT, Mariya  
 (74) Spruson & Ferguson

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(71) Zephyros, Inc.  
 (11) AU-A-2019379502  
 (21) 2019379502 (22) 06.05.2019  
 (54) Two-component phosphate ester cavity filling semi rigid foam  
 (51) Int. Cl.  
     C08J 9/00 ( 2006.01 )  
 (87) WO2020/101732  
 (31) 62/767,543 (32) 15.11.18 (33) US  
 (43) 22.05.2020  
 (72) CZAPLICKI, Michael; HICKS, Kevin  
 (74) Burns IP & Commercial Pty Ltd

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(71) ZTE Corporation  
 (11) AU-A-2019345821  
 (21) 2019345821 (22) 29.09.2019  
 (54) Information determination method and signal receiving method and apparatus  
 (51) Int. Cl.  
     H04L 5/00 ( 2006.01 )  
 (87) WO2020/063951  
 (31) 201811143346.1 (32) 28.09.18 (33) CN

(43) 02.04.2020  
 (72) ZHANG, Shujuan; LU, Zhaohua; GAO, Bo; LI, Yu Ngok; JIANG, Chuangxin; HE, Zhen; XIAO, Huahua; YAN, Wenjun  
 (74) Spruson & Ferguson

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(71) ZTE Corporation  
 (11) AU-A-2019348116  
 (21) 2019348116 (22) 26.09.2019  
 (54) Method and apparatus for sending and receiving wake-up signal, and base station, terminal and storage medium  
 (51) Int. Cl.  
     H04W 4/02 ( 2018.01 )  
 (87) WO2020/063768  
 (31) 201811142313.5 (32) 28.09.18 (33) CN  
 (43) 02.04.2020  
 (72) YANG, Weiwei; DAI, Bo; LIU, Kun; FANG, Huiying; HU, Youjun; BIAN, Luanjian  
 (74) Davies Collison Cave Pty Ltd

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(71) Zymeworks Inc.  
 (11) AU-A-2019356806  
 (21) 2019356806 (22) 10.10.2019  
 (54) Antibody constructs binding 4-1BB and tumor-associated antigens and uses thereof  
 (51) Int. Cl.  
     C07K 16/28 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
     A61K 47/68 ( 2017.01 )  
     A61P 35/00 ( 2006.01 )  
     C07K 16/30 ( 2006.01 )  
     C07K 16/46 ( 2006.01 )  
     C12N 15/13 ( 2006.01 )  
 (87) WO2020/073131  
 (31) 62/744,059 (32) 10.10.18 (33) US  
 (43) 16.04.2020  
 (72) PATTON, Daniel T.; MILLS, David M.; SPRETER VON KREUDENSTEIN, Thomas; VOLKERS, Gesa; UROSEV, Dunja; FREIBURGER, Lee; DUAN, Zhuang; HALVORSEN, Elizabeth; PRATAP, Harsh; CLAVETTE, Brandon; VON ROSSUM, Anna; BROWMAN, Duncan; CHAN, Peter Wing Yiu; CHUI, Danny; GENE, Robert William; JANCOWSKI, Sylwia; KANG, Sukhbir Singh; ZWI-ERZCHOWSKI, Patricia  
 (74) FB Rice Pty Ltd

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2018334965	Stuth, T.; Mols, A.	2019343182	Stripe, Inc.
2018442376	Pierce Aerospace, LLC	2019343334	Dockstar Technologies Zrt.
2018442596	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019343484	Koninklijke Philips N.V.
2018442725	O&M Halyard, Inc.	2019345276	Eagle View Technologies, Inc.
2018443880	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019345516	Phytovent BioPharma
2018444272	Waboba AB	2019345581	Daikin Industries, Ltd.
2018444521	Razer (Asia-Pacific) Pte. Ltd.	2019345706	Shanghai Yingli Pharmaceutical Co., Ltd
2018444715	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	2019345788	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences
2018444979	Gree Electric Appliances, Inc. of Zhuhai	2019345821	ZTE Corporation
2018445202	GBS Holdings LLC	2019346003	Fronius International GmbH
2018445455	KONE Corporation	2019346044	Tranex Roads & Traffic Pty Ltd
2018445805	Huawei Technologies Co., Ltd.	2019346148	Sirnaomics, Inc.
2018446089	Liu, Q.	2019346199	Mitsui & Co., Ltd.
2018446413	General Electric Company	2019346440	Leverton Holding LLC
2018447046	Dow Global Technologies LLC; Rohm and Haas Company	2019346843	The Brigham and Women's Hospital, Inc.
2018447127	Shanghai Genbase Biotechnology Co., Ltd.	2019347324	Daikin Industries, Ltd.
2018447176	Dongguan Mingchuangyoushang Electronic Technology Co., Ltd	2019347412	Chugai Seiyaku Kabushiki Kaisha
2018447397	NTT DoCoMo, Inc.	2019347771	The Royal Institution for the Advancement of Learning/McGill University
2018447432	Pujing Chemical Industry Co., Ltd	2019347947	Shanghai EnnovaBio Pharmaceuticals Co., Ltd.
2018447433	Pujing Chemical Industry Co., Ltd	2019347963	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2018447565	General Electric Company	2019348051	People Bench Pty Ltd
2018447669	Process Wastewater Technologies, LLC	2019348060	Element AI Inc.
2018447787	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019348094	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2018448000	General Electric Company	2019348100	B&Bartoni, Spol.S R.O.
2018448021	Pujing Chemical Industry Co., Ltd	2019348116	ZTE Corporation
2018448024	Pujing Chemical Industry Co., Ltd	2019348202	Element AI Inc.
2018448025	Pujing Chemical Industry Co., Ltd	2019348482	Fronius International GmbH
2018448026	Pujing Chemical Industry Co., Ltd	2019348539	Permutive Limited
2018448048	Lyseonics BV	2019349084	Daikin Industries, Ltd.
2018448114	Pujing Chemical Industry Co., Ltd	2019349437	Rockwell Collins Deutschland GmbH
2018448134	Pujing Chemical Industry Co., Ltd	2019349633	Bone Therapeutics SA
2018448137	Pujing Chemical Industry Co., Ltd	2019349824	Boston Scientific Neuromodulation Corporation
2018448138	Pujing Chemical Industry Co., Ltd	2019350649	Dow Global Technologies LLC
2018448166	China University of Mining&Technology , Beijing	2019350717	Cardurion Pharmaceuticals, LLC
2018448511	Balticgruppen Bio AB	2019350765	Alnylam Pharmaceuticals, Inc.
2018448673	Sumitomo SHI FW Energia Oy	2019351179	Vivo Mobile Communication Co.,Ltd.
2018448765	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd	2019351274	Genocea Biosciences, Inc.
2018448937	EGI Tech (Shen Zhen) Co., Limited	2019351522	Guangzhou Burning Rock Dx Co., Ltd.
2018449744	Versitech Limited	2019351530	Shanghai Longwood Biopharmaceuticals Co., Ltd.
2018449789	Oblamatik AG	2019351771	Evonik Fibres GmbH
2018451357	Colgate-Palmolive Company	2019351824	Gen-Probe Incorporated
2018451738	Colgate-Palmolive Company	2019351912	Disc Medicine, Inc.
2018451749	Colgate-Palmolive Company	2019351926	CMR Surgical Limited
2018452265	Colgate-Palmolive Company	2019352036	Nguyen, N.
2018452619	The Middleby Corporation	2019352269	Daikin Industries, Ltd.
2018453171	Electrolux Appliances Aktiebolag	2019352419	LG Electronics Inc.
2018453374	Halliburton Energy Services, Inc.	2019352420	LG Electronics Inc.
2018453854	Bio-ReCell Ltd.	2019352421	LG Electronics Inc.
2018454240	Electrolux Appliances Aktiebolag	2019352422	LG Electronics Inc.
2018454394	Electrolux Appliances Aktiebolag	2019352423	LG Electronics Inc.
2018454422	Electrolux Appliances Aktiebolag	2019352424	LG Electronics Inc.
2018454814	Citrix Systems, Inc.	2019352426	LG Electronics Inc.
2018454906	Citrix Systems, Inc.	2019352456	Aqua Clean Tas Pty Ltd
2018455884	Halliburton Energy Services, Inc.	2019352495	Qwave AS
2019310811	Huangfu, H.	2019352500	WearOptimo Pty Ltd
2019321746	Alipay (Hangzhou) Information Technology Co., Ltd.	2019352540	Ballance Agri-Nutrients Limited; Van Der Merwe, J.; Skut, J.; Corbett, M.
2019323043	Alipay (Hangzhou) Information Technology Co., Ltd.	2019352546	Obshchestvo S Ogranichennoj Otvetstvennost'yu "Toreg"
2019341365	CAFA Therapeutics Limited	2019352560	Exxel Technology Pte Ltd
2019341596	Orthoxel Dac	2019352596	ABB Schweiz AG
2019341745	Garvan Institute of Medical Research	2019352635	WearOptimo Pty Ltd
2019342918	LoiLo Inc	2019352753	SICPA Holding SA
		2019352754	SICPA Holding SA

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2019352903	WearOptimo Pty Ltd	2019358198	Berkeley Lights, Inc.
2019352954	Biovisics Medical, Inc.	2019358417	Metis Precision Medicine Sb S.R.L.
2019353145	First Light Diagnostics, Inc.	2019358519	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2019353279	Sony Corporation	2019358527	Sidereus Oy
2019353307	Krosakiharima Corporation	2019358539	Ynsect
2019353487	LG Electronics Inc.	2019358592	Ayr Ltd
2019353490	LG Electronics Inc.	2019358595	BASF AS
2019353516	LG Electronics Inc.	2019359021	Yang, C.; Wang, C.
2019353548	Fredette, B.	2019359049	Campbell, R.V.
2019354081	Alma Mater Studiorum - Università di Bologna	2019359107	Ligchine International Corporation
2019354342	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019359166	Curovir AB
2019354473	LG Electronics Inc.	2019359197	Campbell, R.
2019354475	LG Electronics Inc.	2019359264	International Biophysics Corporation
2019354477	LG Electronics Inc.	2019359306	Agbiome, Inc.
2019354482	LG Electronics Inc.	2019359389	Plessala, K.J.; Plessala, D.T.; Falkner, P.T.
2019354500	LG Electronics Inc.	2019359479	Albemarle Corporation
2019354653	Interdigital VC Holdings, Inc.	2019359490	Huawei Technologies Co., Ltd.
2019354770	Southwest Research Institute	2019359499	Avvinity Therapeutics Limited
2019354789	Bluestar Genomics, Inc.	2019359510	Gunnebo Entrance Control Ltd.
2019354837	First Light Diagnostics, Inc.	2019359556	RAI Strategic Holdings, Inc.
2019354902	Maple Sunscreening Limited	2019359569	Milanese, P.A.
2019354911	CMR Surgical Limited	2019359869	Board of Regents, The University of Texas System
2019355057	Race Oncology Ltd.; Levy, D.; Rothman, J.	2019359872	The Johns Hopkins University
2019355097	Akebia Therapeutics, Inc.; Janssen Pharmaceutica NV	2019359878	Tempus Labs
2019355138	Polaris Industries Inc.	2019360006	Metso Outotec Finland Oy
2019355198	First Light Diagnostics, Inc.	2019360033	Bifrost Communications ApS
2019355553	Otonexus Medical Technologies, Inc.	2019360044	BioLineRx Ltd.; Merck Sharp & Dohme Corp.
2019355673	LG Electronics Inc.	2019360152	Advanced Environmental Technologies, LLC
2019355675	LG Electronics Inc.	2019360154	Topikos Pharmaceutical Company, Inc.
2019355677	LG Electronics Inc.	2019360160	Lockbox Technologies Pty Ltd
2019355698	LG Electronics Inc.	2019360184	CareFusion 303, Inc.
2019355854	Tornier, Inc.	2019360206	President and Fellows of Harvard College
2019355903	Axon Enterprise, Inc.	2019360211	Shark Trap Gaming & Security Systems, LLC
2019355949	Evapco, Inc.	2019360249	ARRIS Enterprises LLC
2019355984	W. L. Gore & Associates, Inc.	2019360269	Intellia Therapeutics, Inc.; Regeneron Pharmaceuticals, Inc.
2019355988	W. L. Gore & Associates, Inc.	2019360270	Intellia Therapeutics, Inc.; Regeneron Pharmaceuticals, Inc.
2019356023	First Light Diagnostics, Inc.	2019360358	The University of Queensland
2019356033	CooperGenomics, Inc.	2019360540	Safier Ingenierie
2019356165	Vivet Therapeutics	2019360880	ENERCAMP Co., Ltd.
2019356264	RAI Strategic Holdings, Inc.	2019361030	Board of Regents, The University of Texas System
2019356414	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	2019361136	Nova Southeastern University
2019356522	Alkira Software Holdings Pty Ltd	2019361176	Pittsburgh Corning Europe NV
2019356549	The Board of Trustees of the Leland Stanford Junior University	2019361203	Intellia Therapeutics, Inc.; Regeneron Pharmaceuticals, Inc.
2019356573	Inhibrx, Inc.	2019361204	Intellia Therapeutics, Inc.
2019356585	Flexible Steel Lacing Company	2019361247	UCB Biopharma SRL
2019356781	Fortress Iron, LP	2019361288	Compagnie Gervais Danone
2019356797	Centered Around You Pty Ltd	2019361321	Signifier Medical Technologies Limited
2019356804	The University of British Columbia; ProMIS Neurosciences, Inc.	2019361501	Idemitsu Kosan Co., Ltd.
2019356806	Zymeworks Inc.	2019361652	JS Creates Pte Ltd
2019356947	Canaud, L.; Gandet, T.	2019361713	CareFusion 303, Inc.
2019356964	Welltec A/S	2019361735	Saban Ventures Pty Limited
2019356968	C.C. Jensen A/S	2019361739	The University of British Columbia
2019357042	Theradaptive, Inc.	2019362025	Channel Products, Inc.
2019357048	Decibel Therapeutics, Inc.	2019362051	Acclipse One Inc.; The University of Sheffield
2019357150	Three ES S.r.l.	2019362052	Acclipse One Inc.; The University Of Sheffield
2019357269	RAI Strategic Holdings, Inc.	2019362056	Idera Pharmaceuticals, Inc.
2019357273	Lapidot, T.; Sorkin, D.; Ben-Ari, A.; Harpaz, I.; Gutfarb, G.; Baratz, O.	2019362062	Abiomed, Inc.
2019357467	Sanofi	2019362092	Emory University
2019357501	Inova Labs, Inc.	2019362131	Good T Cells, Inc.
2019357504	Drexel University	2019362195	Arjo IP Holding Aktiebolag
2019357507	Biohaven Pharmaceutical Holding Company Ltd.	2019362242	Nanjing Sanhome Pharmaceutical Co., Ltd.
2019357593	MX3 Diagnostics, Inc.	2019362279	Fred's Tiny Houses Pty Ltd
2019357608	Tilray, Inc.	2019362347	Huawei Technologies Co., Ltd.
2019357621	Intarcia Therapeutics, Inc.	2019362413	MediTech Endoscopy Ltd
2019357721	Masimo Corporation	2019362467	OssDsign AB
2019357946	Paradigm BioPharmaceuticals Ltd	2019362603	CEFALY Technology SPRL
		2019362874	University of Massachusetts

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2019362879	Intellia Therapeutics, Inc.	2019368218	The United States of America, as represented by the Secretary, Department of Health and Human Services; New York University
2019362970	Telora Pty Ltd	2019368310	GOJO Industries, Inc.
2019363031	Huawei Technologies Co., Ltd.	2019368318	Abbott Diabetes Care Inc.
2019363115	Medshine Discovery Inc.	2019368352	Saferoads Pty Ltd
2019363349	JSP Limited	2019368534	Provectus IP Pty Ltd
2019363558	I4F LicensIng NV	2019368535	Saluda Medical Pty Ltd
2019363651	AMO Groningen B.V.	2019368720	Candiani S.p.A.
2019363713	Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts	2019368742	Gree Electric Appliances, Inc.of Zhuhai
2019363719	Danmarks Tekniske Universitet	2019369000	I4F Licensing NV
2019363757	Gree Electric Appliances, Inc. of Zhuhai	2019369222	Merck Sharp & Dohme Corp.
2019363868	Haulotte Group	2019369238	Joy Global Underground Mining LLC
2019364026	Teijin Limited; JCR Pharmaceuticals Co., Ltd.	2019369396	Strong Force TX Portfolio 2018, LLC
2019364073	Delta Tooling Co., Ltd.	2019369397	TigaTx, Inc.; UMC Utrecht Holding B.V.
2019364195	Dow Global Technologies LLC	2019369510	Ranpak Corp.
2019364218	Saluda Medical Pty Ltd	2019369511	Incube Labs, LLC
2019364336	Esker Therapeutics, Inc.	2019369543	Sony Group Corporation
2019364355	Rohm and Haas Company; Dow Silicones Corporation	2019369843	Mitsubishi Tanabe Pharma Corporation
2019364367	Regeneron Pharmaceuticals, Inc.	2019369845	Taiho Pharmaceutical Co., Ltd.
2019364421	Functionize, Inc.	2019370031	UMC Utrecht Holding B.V.
2019364498	Meiji Co., Ltd.	2019370091	Apnimed, Inc. (Delaware)
2019364543	Atmospheric Plasma Solutions, Inc.	2019370133	Anchor Balloon, Inc.
2019364601	I4F Licensing NV	2019370149	Zebra Technologies Corporation
2019364649	K&N Engineering, Inc.; Williams, S.	2019370193	Permenter, A.; Wheeler, C.
2019364655	Thales	2019370273	Strong Force TX Portfolio 2018, LLC
2019364663	Sensus Spectrum LLC	2019370286	John Mezzalingua Associates, LLC
2019364688	Securetec Detektions-Systeme AG	2019370297	BlueAllele, LLC
2019364860	Steriline Racing Pty Ltd; Covey Associates Pty. Ltd.	2019370341	China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
2019364863	Tessara Therapeutics Pty Ltd	2019370384	Spraying Systems Co.
2019364883	Huawei Technologies Co., Ltd.	2019370387	GreenVenus, LLC
2019365103	Research Triangle Institute	2019370461	Crown Packaging Technology, Inc.
2019365211	The Climate Corporation	2019370555	Accudx Corporation
2019365214	The Climate Corporation	2019370563	Genevant Science GmbH
2019365232	Flow-Tech Systems, LLC.	2019370592	Creo Medical Limited
2019365253	Ferring B.V.	2019370601	F. Hoffmann-La Roche AG
2019365389	Arctic Biomaterials Oy	2019370621	The University of Queensland
2019365585	Translational Research Institute Pty Ltd as trustee for Translational Research Institute Trust	2019370623	Australian Bond Exchange Holdings Limited
2019365638	GE Global Sourcing LLC	2019370634	Webber, C.
2019365775	Opus Medical Therapies, LLC	2019370677	Pharmacosmos Holding A/S
2019365798	Joovv, Inc.	2019370690	DuPont Nutrition Biosciences ApS
2019365813	SharkNinja Operating LLC	2019370705	Juno Therapeutics GmbH
2019365826	Heritage Research Group	2019370731	Aprofol AG
2019365840	Radio Systems Corporation	2019370734	AiCuris GmbH & Co. KG
2019365846	enosix, Inc.	2019370735	AiCuris GmbH & Co. KG
2019366084	Shibaura Institute of Technology; JX Nippon Mining & Metals Corporation	2019370736	N.V. Nutricia
2019366348	Diality Inc.	2019370757	Huawei Technologies Co., Ltd.
2019366472	The Board of Trustees of the Leland Stanford Junior University	2019370815	Origin Peptides Limited
2019366756	MEIKO Maschinenbau GmbH & Co. KG	2019370833	Blade Dynamics Limited
2019366793	John Guest International Limited	2019370880	Mentor Worldwide LLC
2019366912	K&N Engineering, Inc.	2019370881	Universita' Degli Studi Di Milano - Bicocca; Glass to Power S.p.A.
2019366949	Yext, Inc.	2019370900	Ferag AG
2019366960	Magenta Therapeutics, Inc.	2019370937	BioMarin Technologies B.V.
2019366967	Somnio Global Holdings, LLC	2019370994	AiCuris GmbH & Co. KG
2019366968	Danisco US Inc	2019371078	Nicoventures Trading Limited
2019366977	MarketSpringPad IP USA LLC.	2019371079	Nicoventures Trading Limited
2019366996	Massachusetts Institute of Technology	2019371144	Mentor Worldwide LLC
2019367006	Evolv Technologies, Inc.	2019371155	Soul Machines Limited
2019367123	I4F Licensing NV	2019371163	Telefonaktiebolaget LM Ericsson (PUBL)
2019367193	Trilobite Innovation AS	2019371206	Venenum Biodesign, LLC
2019367206	Polpharma Biologics Utrecht B.V.	2019371209	Huahai US Inc
2019367448	Huawei Technologies Co., Ltd.	2019371213	Voclarity Health, LLC
2019367629	Proil S.r.l.	2019371240	Phoenixaire, LLC
2019367680	Park, K.H.	2019371243	MacroGenics, Inc.; NanoString Technologies, Inc.; Nottingham Trent University
2019367712	CircularDreams B.V.	2019371367	Caterpillar Inc.
2019367834	Stryker Corporation	2019371379	BayMedica, Inc.
2019367943	Osaka University; StemRIM Inc.	2019371390	Sciortino, S.
2019368125	Huawei Technologies Co., Ltd.	2019371393	CSEr Ventures, LLC
2019368128	Åberg, E.		
2019368215	Inscripta, Inc.		

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2019371404	Schlumberger Technology B.V.	2019374488	GammaDelta Therapeutics Limited
2019371411	Stryker Corporation	2019374489	GammaDelta Therapeutics Limited
2019371419	PPG Industries Ohio, Inc.	2019374496	Ludwig Institute for Cancer Research Ltd.; Centre Hospitalier Universitaire Vaudois
2019371433	G.I. View Ltd.		Srinivasan, T.
2019371454	Syros Pharmaceuticals, Inc.	2019374513	Lexmark International, Inc.
2019371545	Nippon Telegraph and Telephone Corporation	2019374707	TedTec Pty Ltd
2019371651	Daicel Corporation; Kyushu Institute of Technology	2019374727	The University of Melbourne
2019371704	Kitz Corporation	2019374731	Synhelion SA; ENI S.p.A.
2019371778	Arthrex, Inc.	2019374744	Merck Sharp & Dohme Corp.
2019371784	PepsiCo, Inc.	2019374752	Corteva Agriscience LLC
2019372050	C3.ai, Inc.	2019374770	YETI Coolers, LLC
2019372057	Merck Sharp & Dohme Corp.	2019374778	Ball Corporation
2019372079	Repligen Corporation	2019374780	Immunovant Sciences GmbH
2019372085	Breakthrough Technologies, LLC	2019374790	Juno Therapeutics, Inc.
2019372121	Nuvation Bio Inc.	2019374797	Intercept Pharmaceuticals, Inc.
2019372141	Kura Oncology, Inc.	2019374813	Evapco, Inc.
2019372183	UNION therapeutics A/S; Ceva Santé Animale S.A.	2019374818	ModernaTX, Inc.
2019372184	Bioinvent International AB	2019374828	Sotio, LLC
2019372223	Nicoventures Trading Limited	2019374871	Translate Bio, Inc.
2019372235	DRM S.R.L.	2019374917	University of Johannesburg
2019372246	LzLabs GmbH	2019374981	Follicum AB
2019372320	Olene Life Sciences Private Limited	2019374993	Aglaris Ltd
2019372329	Crown Packaging Technology, Inc.	2019375014	Genmab A/S; BioNTech SE
2019372331	Juno Therapeutics, Inc.; Memorial Sloan Kettering Cancer Center	2019375050	Société des Produits Nestlé S.A.
2019372344	Verona Holdings Sezc; Yantis, J.; Quigley, W.; Sliwka, L.	2019375079	Nicoventures Trading Limited
2019372431	Swanson, T.K.	2019375169	Komatsu Ltd.
2019372438	Gary Sharp Innovations, LLC	2019375178	BAE Systems PLC
2019372440	The Regents of the University of California	2019375181	Fabchem Mining (PTY) Limited
2019372600	Nippon Telegraph and Telephone Corporation	2019375409	Merck Sharp & Dohme Corp.
2019372673	Gracell Biotechnologies (Shanghai) Co., Ltd.; Suzhou Gracell Biotechnologies Co., Ltd.	2019375411	Corteva Agriscience LLC
2019372809	G.I. View Ltd.	2019375413	Genentech, Inc.
2019372997	Van Der Merwe, E.	2019375416	Iovance Biotherapeutics, Inc.
2019373090	The University of Sydney; The Westmead Institute for Medical Research; Western Sydney Local Health District	2019375422	Daiichi Sankyo Company, Limited
2019373092	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd	2019375490	Signature Orthopaedics Europe Ltd
2019373105	Svante Inc.	2019375495	Bevis Gear Inc.
2019373211	Netflix, Inc.	2019375543	Srinivasan, T.
2019373294	Inventio AG	2019375544	Nexter Systems
2019373367	H. Lundbeck A/S	2019375551	Sea6Energy Pvt Ltd.
2019373454	Buckman Laboratories International, Inc.	2019375635	Mitsubishi Pencil Company, Limited
2019373457	Shimmin, T.R.	2019375718	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019373459	Jet Black Corp Pty Ltd	2019375771	Old Dominion University Research Foundation
2019373471	Intelligent Wellhead Systems Inc.	2019375858	PerkinElmer Health Sciences, Inc.
2019373559	Bayer Aktiengesellschaft	2019375883	La-Z-Boy Incorporated
2019373573	Givaudan SA	2019375944	Corteva Agriscience LLC
2019373673	TOMRA Systems ASA	2019375972	AVEO Pharmaceuticals, Inc.
2019373677	AiCuris GmbH & Co. KG	2019375988	Mayo Foundation for Medical Education and Research
2019373678	AiCuris GmbH & Co. KG	2019376012	Flowserve Management Company
2019373679	AiCuris GmbH & Co. KG	2019376015	Flowserve Management Company
2019373730	Assa Abloy AB	2019376065	Edgewise Therapeutics, Inc.
2019373731	4D Pharma Research Limited	2019376079	Aligos Therapeutics, Inc.
2019373741	Easydoing Oy	2019376162	Flowserve Management Company
2019373764	Net World Sports Limited	2019376164	Nektar Therapeutics
2019373768	Nicoventures Trading Limited	2019376170	Anchor Ring Solutions, LLC
2019373999	Joint Stock Company "BIOCAD"	2019376177	Akili Interactive Labs, Inc.
2019374056	N3, LLC	2019376228	Maxitrol GmbH & Co. KG
2019374062	Spraying Systems Co.	2019376415	Cryovac, LLC
2019374072	Incyte Corporation	2019376457	Byondis B.V.
2019374101	C3.ai, Inc.	2019376472	Innotec Motion GmbH
2019374139	Netflix, Inc.	2019376476	Richter Gedeon Nyrt.
2019374142	Syros Pharmaceuticals, Inc.	2019376489	S.P.C.M. SA
2019374148	Inkbit, LLC	2019376495	NHS Blood & Transplant
2019374172	IntelGenX Corp.	2019376614	Corteva Agriscience LLC
2019374190	Beijing Hanmi Pharmaceutical Co., Ltd.	2019376639	Spark Thermionics, Inc.
2019374194	Etern Biopharma (Shanghai) Co., Ltd.	2019376641	Summation Bio, Inc
2019374409	Arhel Projektiranje In Inzeniring D.O.O.	2019376647	Edgewise Therapeutics, Inc.
2019374480	Oxford University Innovation Limited	2019376649	N3, LLC
		2019376673	Flowserve Management Company
		2019376682	Akili Interactive Labs, Inc.
		2019376683	Ozone 1 Pty Ltd
		2019376684	The University of Melbourne

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2019376685	Mobbs, A.E.	2019379502	Zephyros, Inc.
2019376799	Gebrüder Dorfner GmbH & Co. Kaolin- und Kristallquarzsand-Werke KG	2019379504	Innovative Building Technologies, LLC
2019376818	BASF SE	2019379532	Aladdin Manufacturing Corporation
2019376834	F. Hoffmann-La Roche AG	2019379545	Butterfly Network, Inc.
2019376968	Daiichi Sankyo Company, Limited	2019379744	Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V.
2019377099	Citrix Systems, Inc.	2019379760	Imcyse SA
2019377109	IN8bio, Inc.; The UAB Research Foundation	2019379769	Savencia SA
2019377125	Nextremity Solutions, Inc.	2019379789	Allinky Biopharma
2019377133	JUUL Labs, Inc.	2019379801	Kemira Oyj
2019377137	The Board of Trustees of the Leland Stanford Junior University	2019379806	AbbVie Inc.
2019377162	Linak A/S	2019379842	StemRad Ltd.
2019377241	Bio Minerals NV	2019380072	Janssen Pharmaceutica NV
2019377350	Mocs Cipp B.V.	2019380202	LG Electronics Inc.
2019377352	Fisher & Paykel Healthcare Limited; Finlayson, R.R.O.; Grylls, P.L.; Sun, Y.; Wright, D.R.; Filip, S.C.	2019380294	Civitas Therapeutics, Inc.
2019377388	Caterpillar Inc.	2019380324	LivePerson, Inc.
2019377392	Waymo LLC	2019380344	The Glad Products Company
2019377410	Corteva Agriscience LLC	2019380363	Glycomira Therapeutics, Inc.
2019377411	Corteva Agriscience LLC	2019380422	Conmed Corporation
2019377422	Iovance Biotherapeutics, Inc.	2019380489	Sandvik Mining and Construction Tools AB
2019377454	Corvus Pharmaceuticals, Inc.	2019380577	Aliaxis R&D S.A.S
2019377456	Merck Sharp & Dohme Corp.	2019380606	Quantum-Si Incorporated
2019377461	Washington University	2019380651	Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts
2019377515	Kiniksa Pharmaceuticals, Ltd.	2019380654	Finzelberg GmbH & Co. KG
2019377524	Premier Crop Systems, LLC	2019380672	Depixus
2019377525	Translate Bio, Inc.	2019380703	AMLo Biosciences Limited
2019377545	SafeAI, Inc.	2019380875	Jen Global Pty Ltd
2019377552	The Board of Trustees of the University of Illinois	2019380899	Nittetsu Mining Co., Ltd.
2019377553	Fred Hutchinson Cancer Research Center; Juno Therapeutics, Inc.	2019380953	Torque Therapeutics, Inc.
2019377592	Flowserve Management Company	2019381076	Nanjing Iron & Steel Co., Ltd.
2019377595	Prothena Biosciences Limited	2019381094	Nanjing Iron & Steel Co., Ltd.
2019377749	The Catholic University of Korea Industry-Academic Cooperation Foundation	2019381219	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2019377802	Corteva Agriscience LLC	2019381318	3M Innovative Properties Company
2019377829	Lucasfilm Entertainment Company Ltd.	2019381592	Innovative Building Technologies, LLC
2019377854	Juno Therapeutics, Inc.	2019381628	ImmunoGen, Inc.
2019377868	Flowserve Management Company	2019381637	Innovative Building Technologies, LLC
2019377869	Kaleido Biosciences, Inc.	2019381639	Innovative Building Technologies, LLC
2019377888	Expro North Sea Limited	2019381673	N2 Packaging Systems, LLC
2019377910	Elgi Equipment Ltd	2019381678	Genus Industries, LLC, DBA iCoir Products Group
2019377959	NewSouth Innovations Pty Ltd	2019381680	CONMED Corporation
2019377983	Imcyse SA	2019381681	Regulus Therapeutics Inc.
2019377986	Syngenta Crop Protection AG	2019381698	Oncorus, Inc.
2019377994	Naval Group	2019381720	Edwards Lifesciences Corporation
2019378000	Naval Group	2019381761	Agnetix, Inc.
2019378007	Imotik Biosolutions LLC	2019381808	California Institute of Technology; 1200 Pharma LLC; The Regents of the University of California
2019378039	Medisix Therapeutics Pte Ltd.	2019382079	Naval Group
2019378044	Inkbit, LLC	2019382091	Orano Mining
2019378073	Lonza Solutions AG	2019382115	Ocean Team Group A/S
2019378076	IO Biotech ApS	2019382159	Crown Packaging Technology, Inc.; Crown Packaging Manufacturing UK Limited
2019378101	Byondis B.V.	2019382287	AMLo Biosciences Limited
2019378108	Evox Therapeutics Ltd	2019382292	Exhalation Technology Limited
2019378119	Coatex	2019382505	Biocytogen Pharmaceuticals (Beijing) Co., Ltd.
2019378138	Nicoventures Trading Limited	2019382545	Pujing Chemical Industry Co., Ltd
2019378184	Pfizer Inc.	2019382753	BASF SE
2019378190	ResMed Pty Ltd	2019382760	Reckitt Benckiser Finish B.V.
2019378256	Dor, E.	2019382868	BASF SE
2019378353	KORTUC Inc.	2019382919	Fixed Phage Limited
2019378694	Citrix Systems, Inc.	2019383050	Gould Instruments Pty Ltd
2019378732	APTARION Biotech AG	2019383075	Kazuar Advanced Technologies Ltd.
2019378745	Societe Des Produits Nestle S.A.	2019383282	Verbakel Innovation Holding B.V.
2019378849	Qualcomm Incorporated	2019383325	Dentsply Sirona Inc.
2019378884	Li-Cor, Inc.	2019383337	Citrix Systems, Inc.
2019379106	Conmed Corporation	2019383413	Translate Bio, Inc.
2019379155	Dentsply Sirona Inc.	2019383466	Starpharma Pty Ltd
2019379158	Bayer CropScience LP	2019383500	F. Hoffmann-La Roche AG
2019379163	Citrix Systems, Inc.	2019383791	Kuwait Insulating Material Manufacturing Co. SAK
2019379261	Bayer Aktiengesellschaft	2019383942	Citrix Systems, Inc.
2019379304	Etex Services NV; Comptoir du Batiment NV	2019383977	Nextracker Inc.

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2019384078	Dentsply Sirona Inc.	2019392474	Iconex LLC
2019384118	Amgen Inc.	2019392580	Lewis Dynamic Geometry Pty Ltd
2019384119	Amgen Inc.	2019392611	Société des Produits Nestlé S.A.
2019384160	Regeneron Pharmaceuticals, Inc.	2019392638	Bischof + Klein SE & Co. KG.
2019384491	Genus Industries, LLC, DBA iCair Products Group	2019392742	The Regents of the University of California
2019384492	MSA Technology, LLC	2019392913	Qualcomm Incorporated
2019384518	Specialty Fitness Systems, LLC	2019393724	Citrix Systems, Inc.
2019384528	Ecovative Design LLC	2019393742	Microsoft Technology Licensing, LLC
2019384564	ICU Medical, Inc.	2019393784	Arisan Therapeutics, Inc.
2019384588	Lee, Y.	2019394257	Medos International Sarl
2019384948	Fonterra Co-operative Group Limited	2019394564	Sandvik Mining and Construction G.m.b.H.; Sandvik Mining and Construction Australia Pty Ltd; Sandvik Mining and Construction Australia (Production Supply) Pty Ltd
2019385031	Asahi Kasei Kabushiki Kaisha		
2019385245	Motorola Solutions, Inc.	2019394692	Quantum-Si Incorporated
2019385311	Kumar, R.	2019394844	Empress Medical, INC.
2019385332	The United States of America, as represented by the Secretary, Department of Health and Human Services	2019395569	Ling, Z.
2019385438	The National Institutes of Pharmaceutical Research and Development (NIP)	2019395691	Hilti Aktiengesellschaft
2019385618	Albert-Ludwigs-Universität Freiburg	2019395755	Société des Produits Nestlé S.A.
2019385649	Lamberti SpA	2019396124	Magnetica Limited
2019385665	Bavarian Nordic A/S	2019396213	SafeAI, Inc.
2019385698	BIPA NV	2019396360	Theravance Biopharma R&D IP, LLC
2019385699	Valneva SE	2019396381	Hilti Aktiengesellschaft
2019385711	Rheem Australia Pty Limited	2019396499	Boehringer Ingelheim International GmbH; Hydra Biosciences, LLC
2019385799	FMC Corporation	2019396516	Flagship Pioneering Innovations V, Inc.
2019385893	Balchem Corporation	2019396520	Flagship Pioneering Innovations V, Inc.
2019385908	Palo Alto Research Center Incorporated	2019396535	Oerlikon Metco (US) Inc.
2019386036	TuoJie Biotech (Shanghai) Co., Ltd.	2019396739	Alcon Inc.
2019386156	Unilever Global IP Limited	2019396829	Myospots Australia Pty Ltd
2019386241	orphanix GmbH	2019397157	Ultivue, Inc.
2019386290	Thales Holdings UK PLC	2019397586	Alcon Inc.
2019386432	Nippon Telegraph and Telephone Corporation	2019397587	Alcon Inc.
2019386567	Orbital Systems AB	2019397612	Alcon Inc.
2019386612	Vortex Pipe Systems LLC	2019397636	Bridgestone Corporation
2019386659	Hepion Pharmaceuticals, Inc.	2019397921	Fisher & Paykel Healthcare Limited
2019386947	Palo Alto Research Center Incorporated	2019398305	Société des Produits Nestlé S.A.
2019386984	Thales Holdings UK Plc	2019398796	Alcon Inc.
2019386997	ITM Isotopen Technologien München AG; Paul Scherrer Institut	2019398836	Montabert
2019387054	B. Braun Melsungen AG	2019398860	Alcon Inc.
2019387205	Dematic GmbH	2019400555	Electrolux Appliances Aktiebolag
2019387270	Fisher & Paykel Healthcare Limited	2019401422	Eli Lilly and Company
2019387290	Pfizer Inc.	2019402055	Eli Lilly and Company
2019387491	Celularity, Inc.	2019402189	Novartis AG
2019387712	Ulterra Drilling Technologies, L.P.	2019403126	Covestro LLC
2019388008	Suntory Holdings Limited	2019403430	Advanced Aesthetic Technologies, Inc.
2019388178	DSM IP Assets B.V.	2019404098	Boehringer Ingelheim IO Canada Inc.
2019388414	Fisher & Paykel Healthcare Limited	2019404104	Alcon Inc.
2019388649	CCL Secure Pty Ltd	2019404165	Alcon Inc.
2019388670	Baoshan Iron & Steel Co., Ltd.	2019406059	Sandvik Mining and Construction Oy; Sandvik Mining and Construction Tools AB
2019388767	Colgate-Palmolive Company	2019406116	Zebra Technologies Corporation
2019388872	Merck Sharp & Dohme Corp.	2019406166	Microsoft Technology Licensing, LLC
2019388952	Agro Intelligence ApS	2019406361	Reynolds Presto Products Inc.
2019389074	B. Braun Melsungen AG	2019406396	Société des Produits Nestlé S.A.
2019389075	Unilever Global IP Limited	2019406447	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft; Charité - Universitätsmedizin Berlin
2019389262	BioVersys AG		
2019389286	NeuWave Medical, Inc.	2019406448	Société des Produits Nestlé S.A.
2019389312	No Screw Ltd.	2019406749	Saiba AG
2019389490	JFE Steel Corporation	2019407043	Alcon Inc.
2019389621	Subsea 7 Norway AS	2019407045	Alcon Inc.
2019389902	Strataca Systems Limited	2019407063	Novartis AG
2019390081	Suntory Holdings Limited	2019407364	Bayer Aktiengesellschaft
2019390222	iCoat Medical AB	2019407799	Société des Produits Nestlé S.A.
2019390291	Colgate-Palmolive Company	2019407851	Provincial Health Services Authority; The University of British Columbia
2019390474	Insulet Corporation		
2019390489	Starpharma Pty Ltd	2019407909	Bayer Aktiengesellschaft
2019390702	Alcon Inc.	2019408012	Société des Produits Nestlé S.A.
2019390705	Flooring Industries Limited, Sarl	2019409011	J. Mac Safety Systems Limited
2019390907	Otsuka Pharmaceutical Co., Ltd.	2019409097	Electrolux Appliances Aktiebolag
2019390971	Innospace Co., Ltd.	2019409156	Alcon Inc.
2019391752	GREE Electric Appliances, Inc. of Zhuhai		
2019392058	The Trustees of Indiana University		

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2019409191	Janssen Pharmaceutica NV	2020325094	Intuit Inc.
2019409298	Alcon Inc.	2020326407	Intuit Inc.
2019409300	Alcon Inc.	2020329466	I-Mab Biopharma US Limited; ABL Bio Inc.
2019409518	Société des Produits Nestlé S.A.	2020351946	China Railway Engineering Equipment Group Co., Ltd.
2019409528	Société des Produits Nestlé S.A.	2020363970	Jay at Play International Hong Kong Limited
2019409827	Société des Produits Nestlé S.A.	2020368984	Beijing Research Center of Intelligent Equipment for Agriculture
2019409912	Farma, A.; Universite de Bordeaux; Institut-National de la Santé et de la Recherche Médicale	2020372601	Patrick Charles Pty Ltd
2019409936	argenx BVBA; University of Bern	2020372603	Intuit Inc.
2019410254	Société des Produits Nestlé S.A.	2020372604	SKC Co., Ltd.; SKC Inc.
2019410640	Janssen Pharmaceutica NV	2020374239	HELLA GmbH & Co. KGaA
2019411529	Imperial College Innovations Limited		
2019412555	Societe Des Produits Nestle SA		
2019415009	Societe Des Produits Nestle SA		
2019415246	Nippon Chemical Industrial Co., Ltd.		
2019416199	Boston Scientific Scimed, Inc.		
2019416605	Medytox Inc.		
2019416964	Crown Equipment Corporation		
2019418141	Neuracle Science Co., Ltd.		
2019418351	Dyno Nobel Inc.		
2019420333	Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.; Tseti, I.		
2019420355	Mitsubishi Electric Corporation		
2019421469	Tropicana Products, Inc.		
2019421824	Mitsubishi Electric Corporation		
2019422797	Mitsubishi Electric Corporation		
2019423287	Arris Composites Inc.		
2019426893	ExxonMobil Research and Engineering Company		
2019427500	Exxonmobil Research and Engineering Company		
2019427771	Multi-Chem Group, LLC		
2019430111	Biodyne Co., Ltd.		
2019435787	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2019440052	Huawei Technologies Co., Ltd.		
2019443058	Top Electric Appliances Industrial Limited		
2019443141	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.		
2019443395	South China University of Technology		
2019443912	Commonwealth Scientific and Industrial Research Organisation		
2019446744	agru Kunststofftechnik Gesellschaft m.b.H.		
2019449460	Intuit Inc.		
2019458741	Intuit Inc.		
2020208478	Viasat, Inc.		
2020211556	Aristov, A.		
2020211766	WheelRight Limited		
2020211868	Komatsu Ltd.		
2020213847	Dentsply Sirona Inc.; Sirona Dental Systems GmbH		
2020213863	Dentsply Sirona Inc.; Sirona Dental Systems GmbH		
2020215543	N.V. Nutricia		
2020216251	N.V. Nutricia		
2020216349	Capital One Services, LLC		
2020218488	Google LLC		
2020220581	Panasonic Intellectual Property Corporation of America		
2020222167	International Business Machines Corporation		
2020224023	LG Chem, Ltd.		
2020226703	Dentsply Sirona Inc.; Sirona Dental Systems GmbH		
2020227842	STONEWALL PLATINUM PTY LTD		
2020229387	Plantic Technologies Limited		
2020239815	Shanghai Hengnengtai Enterprise Management Co., Ltd., Puneng Electric Power Technology Branch; State Grid Shanghai Municipal Electric Power Company; Shanghai Goalsee Electric Technology Co., Ltd.		
2020242556	South China University of Technology		
2020260764	Cipla Limited		
2020270557	BTL Medical Technologies s.r.o.		
2020272448	PVTE Company Limited		
2020280116	KeepCup Pty Ltd		
2020286320	Nantong University		
2020296473	Commonwealth Scientific and Industrial Research Organisation		
2020319579	Intuit Inc.		

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<b><u>A01B 1 /-</u></b>	<b><u>A01K 63 /-</u></b>	<b><u>A01N 45 /-</u></b>	<b><u>A23B 4 /-</u></b>	2019416605 2020216251	<b><u>A47G 9 /-</u></b>
2019388952	2019352456	2019377802	2019380875		2019367712 2020363970
<b><u>A01B 51 /-</u></b>	<b><u>A01M 21 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A23N 12 /-</u></b>	<b><u>A47J 27 /-</u></b>
2019388952	2019373559	2019374752 2019377410 2019377802	2019361288 2019370690 2019379769	2019406448 2019407799 2019408012 2019410254	2019383282
<b><u>A01B 75 /-</u></b>	<b><u>A01N 1 /-</u></b>	2019378073 2019385649	<b><u>A23C 21 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A47J 31 /-</u></b>
2019388952	2019390222		2019370690 2020215543	2019371078 2019371079 2019372223 2019373768	2019378745 2019443058
<b><u>A01B 79 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A01N 53 /-</u></b>	<b><u>A23C 9 /-</u></b>		<b><u>A47J 37 /-</u></b>
2019365211 2019365214	2019366968 2019378073 2019385649 2019415246	2019377802 2019385799	2019361288 2019364498 2019370690	<b><u>A24F 40 /-</u></b>	<b><u>A47J 41 /-</u></b>
<b><u>A01C 21 /-</u></b>	<b><u>A01N 27 /-</u></b>	<b><u>A01N 55 /-</u></b>	<b><u>A23F 5 /-</u></b>	2019356264 2019357269 2019359556 2019372223	2019374770
2019377524	2019377802	2019360154 2019377802	2019406448 2019407799 2019408012 2019410254	<b><u>A24F 47 /-</u></b>	<b><u>A47J 42 /-</u></b>
<b><u>A01G 18 /-</u></b>	<b><u>A01N 31 /-</u></b>	<b><u>A01N 57 /-</u></b>		2019358592 2019375079 2019378138	2019372235
2019384528	2019377802	2019374752 2019377802 2019377986	<b><u>A23J 1 /-</u></b>	<b><u>A42B 1 /-</u></b>	<b><u>A47J 47 /-</u></b>
<b><u>A01G 20 /-</u></b>	<b><u>A01N 33 /-</u></b>	<b><u>A01N 59 /-</u></b>	2019385699 2019409827	2019372431	2019357273
2019384491	2019375944 2019377411 2019377802	2019377802 2019385649 2019385893	<b><u>A23K 10 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A47L 3 /-</u></b>
<b><u>A01G 22 /-</u></b>	<b><u>A01N 35 /-</u></b>	<b><u>A01N 61 /-</u></b>	2019358539 2019385699 2019415009	2019363349 2019367834 2019372431	2019386567
2019365211 2019385893	2019375411 2019377410 2019377802	2019377802 2019415246	<b><u>A23K 20 /-</u></b>	<b><u>A45D 2 /-</u></b>	<b><u>A47L 11 /-</u></b>
<b><u>A01G 24 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A01N 63 /-</u></b>	2019412555	2019358527	2019359569
2019384491	2019374752 2019375411 2019375944 2019377410 2019377411 2019377802 2019385698	2019347771 2019359306 2019366968 2019379158	<b><u>A23K 40 /-</u></b>	<b><u>A45F 3 /-</u></b>	<b><u>A47L 13 /-</u></b>
<b><u>A01G 25 /-</u></b>	<b><u>A01N 39 /-</u></b>	<b><u>A01P 13 /-</u></b>	2019412555	2019375495	2019359569
2019365232	2019374752 2019375411 2019375944 2019377410 2019377411 2019377802 2019385698	2019374752 2019375411 2019375944 2019376614 2019377410 2019377411 2019377802	<b><u>A23K 50 /-</u></b>	<b><u>A47B 37 /-</u></b>	<b><u>A47L 15 /-</u></b>
<b><u>A01G 31 /-</u></b>	<b><u>A01N 41 /-</u></b>	<b><u>A01P 15 /-</u></b>	2019358539 2019415009	2019371784	2018454240 2018454394 2019366756
2019385893	2019375411 2019375944 2019377802	2019378073	<b><u>A23L 2 /-</u></b>	<b><u>A47C 1 /-</u></b>	<b><u>A61B 1 /-</u></b>
<b><u>A01G 33 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A01P 3 /-</u></b>	2019384948 2019388008 2019390081	2019376472	2019352792 2019355553 2019361735 2019362413 2019371433 2019372809 2019381680
2019368534	2019374752 2019375411 2019375551 2019375944 2019376614 2019377410 2019377411 2019377802	2019359306 2019385649 2019385698	<b><u>A23L 27 /-</u></b>	<b><u>A47C 3 /-</u></b>	<b><u>A47L 9 /-</u></b>
<b><u>A01G 9 /-</u></b>	<b><u>A01N 44 /-</u></b>	<b><u>A01P 7 /-</u></b>	2019388008	2019373741	2019365813
2019368534 2019381761	2019375551 2019375944 2019377411	2019378073	<b><u>A23L 29 /-</u></b>	<b><u>A47C 7 /-</u></b>	
<b><u>A01K 1 /-</u></b>	<b><u>A01N 45 /-</u></b>	<b><u>A01P 9 /-</u></b>	2019395755	2019373741 2019375883	<b><u>A61B 10 /-</u></b>
2019384588	2019374752 2019375411 2019375551 2019375944 2019376614 2019377410 2019377411 2019377802 2019377986	2019359306 2019385649 2019415246	<b><u>A23L 33 /-</u></b>	<b><u>A47G 19 /-</u></b>	2019364688 2019430111
<b><u>A01K 15 /-</u></b>	<b><u>A01N 46 /-</u></b>		2019370736 2019384948 2019395755 2019409528	2020280116	<b><u>A61B 17 /-</u></b>
2019364860 2019365840	2019374752 2019375411 2019375551 2019375944 2019376614 2019377410 2019377411 2019377802 2019377986		<b><u>A47G 27 /-</u></b>	2019379532	2019341596 2019359389 2019362467 2019370592

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2019371411	<b><u>A61C 13 /-</u></b>		2019374194	2019386036	2019385665
2019371778		<b><u>A61H 23 /-</u></b>	2019374731	2019416605	2019402189
2019377125	2019379155		2019374797	2020215543	2019404098
2019379106	2020213847	2019359264	2019374818		2019406749
2019380422			2019375551	<b><u>A61K 36 /-</u></b>	2019407063
2019394257	<b><u>A61C 19 /-</u></b>	<b><u>A61H 37 /-</u></b>	2019375972		2019409936
2019394844			2019376065	2019372320	2019418141
	2019396829	2019359264	2019376079	2019380654	2020329466
<b><u>A61B 18 /-</u></b>	2020226703		2019376647		
		<b><u>A61H 9 /-</u></b>	2019376684	<b><u>A61K 38 /-</u></b>	<b><u>A61K 41 /-</u></b>
2019370592	<b><u>A61C 5 /-</u></b>		2019377749		
2019375771		2019356797	2019377854	2019351912	2019370555
2020270557	2019379155	2019357501	2019378184	2019356549	
		2019362195	2019379789	2019357042	<b><u>A61K 45 /-</u></b>
<b><u>A61B 3 /-</u></b>	<b><u>A61C 7 /-</u></b>	<b><u>A61J 1 /-</u></b>	2019379806	2019357621	
			2019379806	2019358519	2018448511
2019362092	2019381318		2019380072	2019359869	2019355057
2019390702	2019396829	2019378353	2019380363	2019360044	2019370091
	2020226703	2019381673	2019381681	2019367943	2019372141
<b><u>A61B 34 /-</u></b>	<b><u>A61C 9 /-</u></b>	<b><u>A61K 31 /-</u></b>	2019381808	2019374480	2019374072
			2019383413	2019374981	2019376968
2019351926	2020213847	2018446089	2019383466	2019375422	2019377456
2019352792		2018448511	2019383500	2019375988	2019384119
		2019345516	2019384118	2019376164	2019402189
<b><u>A61B 5 /-</u></b>	<b><u>A61D 19 /-</u></b>	2019345706	2019384119	2019376968	2019416605
		2019346148	2019385438	2019377525	
2019352500	2019359389	2019347947	2019386241	2019377749	<b><u>A61K 47 /-</u></b>
2019352901		2019347963	2019387054	2019378076	
2019352903	<b><u>A61F 13 /-</u></b>	2019348094	2019387290	2019380953	2019356804
2019355553		2019350717	2019389074	2019384160	2019356806
2019356023	2019366967	2019350765	2019389262	2019386859	2019357042
2019356797		2019351530	2019390907		2019357608
2019360358	<b><u>A61F 2 /-</u></b>	2019355057	2019392742	<b><u>A61K 39 /-</u></b>	2019359499
2019361321		2019355097	2019393784		2019361136
2019362092	2019355854	2019357504	2019395755	2018447127	2019362056
2019364073	2019355984	2019357507	2019396360	2018449744	2019362131
2019364218	2019355988	2019357608	2019402189	2019351274	2019365253
2019364688	2019356947	2019357946	2019407909	2019356804	2019366996
2019365103	2019362467	2019359166	2019409528	2019356806	2019369843
2019365585	2019363651	2019359872	2019409912	2019357983	2019370563
2019368318	2019365775	2019360206	2019409936	2019359869	2019374172
2019371213	2019370880	2019361136	2019410640	2019360044	2019374190
2019372600	2019371144	2019361739	2019411529	2019361247	2019374871
2019376177	2019371778	2019362051	2019420333	2019362056	2019375422
2019376685	2019375490	2019362052		2019362131	2019376164
2019382292	2019379842	2019362242	<b><u>A61K 33 /-</u></b>	2019363713	2019376457
2019387270	2019381720	2019363115		2019369845	2019376968
	2019397586	2019365253	2019370555	2019370031	2019377137
	2019397587	2019369843	2019370677	2019370601	2019377456
<b><u>A61B 50 /-</u></b>	2019397612	2019370091		2019372184	2019377525
	2019398796	2019370731	<b><u>A61K 35 /-</u></b>	2019372331	2019378108
2019416199	2019404104	2019370734		2019373731	2019380953
	2019404165	2019370735	2019353145	2019373999	2019383413
<b><u>A61B 7 /-</u></b>	2019407043	2019370736	2019356414	2019374190	2019383466
	2019407045	2019370937	2019358539	2019374480	2019386241
2019360358	2019409156	2019370994	2019360044	2019374748	2019386859
	2019409298	2019371206	2019361030	2019374780	2019387054
<b><u>A61B 8 /-</u></b>	2019409300	2019371379	2019361739	2019374818	2019389074
		2019371454	2019364863	2019375014	2019390489
2019355553	<b><u>A61F 5 /-</u></b>	2019372057	2019370705	2019375409	
		2019372121	2019372673	2019375422	<b><u>A61K 48 /-</u></b>
<b><u>A61B 90 /-</u></b>		2019372141	2019374489	2019377454	
	2019357501	2019372183	2019374790	2019377456	2019346148
2019352792	2019379842	2019373090	2019374828	2019377983	2019356165
2019370880	2019396829	2019373367	2019375416	2019378101	2019357048
2019371144		2019373573	2019376968	2019379261	2019360270
2019371411	<b><u>A61F 9 /-</u></b>	2019373677	2019377109	2019379760	2019361203
2019381680		2019373678	2019377422	2019380703	2019361204
	2019396739	2019373679	2019377461	2019382287	2019366996
<b><u>A61C 1 /-</u></b>	2019397586	2019374072	2019377553	2019382505	2019370297
	2019398860	2019374142	2019377854	2019383466	2019370563
2020213863	<b><u>A61G 7 /-</u></b>	2019374172	2019383413	2019384119	2019373090
			2019384528		2019374818
	2019356797				

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2019376968	2019361735	2019368535	<b><u>A61P 25 /-</u></b>	<b><u>A61P 33 /-</u></b>	2019362131
2019377137	2019384588	2019369511	2019345516	2019411529	2019367206
2019383413		2019375771	2019347947		2019369845
<b><u>A61K 49 /-</u></b>	<b><u>A61L 27 /-</u></b>	2019385618	2019348094	<b><u>A61P 35 /-</u></b>	2019373999
	2019385332		2019356804		2019374496
2019356804		<b><u>A61N 2 /-</u></b>	2019360206	2018447127	2019374780
2019390489	<b><u>A61L 9 /-</u></b>	2020270557	2019362052	2019345706	2019375422
<b><u>A61K 51 /-</u></b>	2019371240	<b><u>A61N 5 /-</u></b>	2019362052	2019347947	2019376968
			2019369843	2019347963	2019377749
2019386997	<b><u>A61M 1 /-</u></b>	2019365798	2019370731	2019348094	2019377983
2019390489		2019381680	2019373367	2019351274	2019379760
2019407851	2019360152		2019376065	2019351530	
	2019366348	<b><u>A61P 1 /-</u></b>	2019376647	2019355057	<b><u>A61P 43 /-</u></b>
<b><u>A61K 6 /-</u></b>			2019376968	2019356806	
	<b><u>A61M 11 /-</u></b>	2019355097	2019379806	2019358417	2019363713
2019383325		2019357608	2019380654	2019359499	2019372183
2019384078	2019377133	2019358595	2019383500	2019360044	2019374496
<b><u>A61K 8 /-</u></b>	<b><u>A61M 15 /-</u></b>	2019362242	2019390907	2019360206	2019375422
		2019370736	2019396499	2019361739	2019376968
2018451357	2019377133	2019373090	2019409912	2019362131	2019377552
2018451738		2019374797	2019411529	2019362242	
2018451749	<b><u>A61M 16 /-</u></b>	2019375422	<b><u>A61P 27 /-</u></b>	2019363115	<b><u>A61P 7 /-</u></b>
2018452265		2019376079	2019347947	2019369397	2019370731
2019368310	2019377352	2019376968	2019356549	2019369845	2019387290
2019373573	2019378190	2019379789	<b><u>A61P 29 /-</u></b>	2019370031	<b><u>A61P 9 /-</u></b>
2019377241	2019388414	2019385438		2019371454	
2019378119	2019397921	2019395755	2019345706	2019372141	2019350717
2019386156	<b><u>A61M 25 /-</u></b>	2019416605	2019347947	2019372331	2019359872
2019388178		2020215543	2019348094	2019372673	2019360206
2019388767	2019365775	<b><u>A61P 11 /-</u></b>	2019357946	2019373999	2019370731
2019389075	2019370133		2019362242	2019374072	2019375988
2019390291	2019389286	2019360206	2019367206	2019374194	2019377515
2019403430	2019389902	2019370091	2019372057	2019374496	2019407909
2019409827	<b><u>A61M 27 /-</u></b>	2019374731	2019376968	2019374790	2019420333
<b><u>A61K 9 /-</u></b>		2019375422	2019416605	2019374818	
	2019371144	2019376684	2020215543	2019375014	<b><u>A61Q 11 /-</u></b>
2019352635	2019389902	2019376968	<b><u>A61P 3 /-</u></b>	2019375422	2019388767
2019353145	<b><u>A61M 37 /-</u></b>	2019380294		2019375972	2019390291
2019355057		<b><u>A61P 13 /-</u></b>	2018448511	2019376457	
2019357048	2019352635		2019377422	2019376968	<b><u>A61Q 15 /-</u></b>
2019357504		2019362242	2019377422	2019377109	
2019357608	<b><u>A61M 39 /-</u></b>	2019375972	2019377454	2019377109	2019386156
2019364863		2019375988	2019358595	2019377456	2019389075
2019365253	2019360184	<b><u>A61P 17 /-</u></b>	2019360206	2019378101	
2019369843	2019370880		2019370677	2019378184	<b><u>A61Q 17 /-</u></b>
2019369845	2019371144	2019357504	2019411529	2019379261	
2019372183	2019378007	2019372183	<b><u>A61P 31 /-</u></b>	2019381219	2018451357
2019374072	2019384564	2019375422	2018449744	2019381681	2018451738
2019374172	<b><u>A61M 5 /-</u></b>	2019376968	2019351274	2019381808	2018452265
2019377241		2019409827	2019357983	2019383466	2019388178
2019377456	2019361713	<b><u>A61P 19 /-</u></b>	2019359166	2019384118	
2019379806	2019368318		2019370734	2019384119	<b><u>A61Q 19 /-</u></b>
2019380294	2019378353	2018446089	2019370735	2019386036	
2019383413	2019401422	2019357042	2019370994	2019386997	2018451357
2019384160	2019402055	2019357946	2019371243	2019387290	2019357504
2019386241	2019409298	2019358539	2019372184	2019390489	2019368310
2019386859	<b><u>A61M 60 /-</u></b>	2019360206	2019373090	2019396360	2019403430
2019387054		2019367943	2019373677	2019402189	2019409827
2019389074	2019362062	2019370731	2019373678	2019404098	
2019392742	<b><u>A61N 1 /-</u></b>	<b><u>A61P 21 /-</u></b>	2019373678	2019407364	<b><u>A61Q 5 /-</u></b>
2019396829			2019373679	2019409936	2018451749
<b><u>A61L 15 /-</u></b>		2019369843	2019386859	2019411529	
	2019349824	2019370937	2019389262	2020329466	<b><u>A62B 3 /-</u></b>
2019366967	2019352954	2019376065	2019410640		2019352560
<b><u>A61L 2 /-</u></b>	2019361321	2019376647	2019411529	2019345706	2019372431
	2019362603		2020215543	2019348094	
2018442725	2019364218			2019351274	<b><u>A62C 2 /-</u></b>
				2019361247	2019378256

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<b>A62C 3 /-</b>	<b>B01D 53 /-</b>	<b>B01J 8 /-</b>	<b>B08B 17 /-</b>	<b>B23K 35 /-</b>	<b>B29K 101 /-</b>
2019378256	2019351771	2019382919	2019343484	2018334965	2019446744
	2019372079				
	2019372085	<b>B01L 3 /-</b>		<b>B23K 9 /-</b>	<b>B29L 23 /-</b>
<b>A62C 8 /-</b>	2019373105	2019356023	<b>B08B 3 /-</b>	2019443395	2019446744
2019378256	2019385908	2019358198	2019361735		
	2019443912	2019363719		<b>B25D 9 /-</b>	<b>B30B 9 /-</b>
<b>A62C 99 /-</b>	<b>B01D 61 /-</b>	2019367193	<b>B08B 7 /-</b>	2019398836	2018447669
2019378256	2019385908	2019394692	2019364543		2019373673
	2019386947	<b>B01L 9 /-</b>		<b>B25J 9 /-</b>	
<b>A63B 21 /-</b>	<b>B01D 63 /-</b>	2019363719	<b>B08B 9 /-</b>	2019348202	<b>B31B 100 /-</b>
2019384518	2019360152		2019361735	2019382868	2019409518
		<b>B02C 17 /-</b>	2019382115		
<b>A63B 23 /-</b>	<b>B01D 71 /-</b>	2019360006	<b>B21C 37 /-</b>	<b>B27F 1 /-</b>	<b>B31B 120 /-</b>
2019396829	2019360152		2018334965	2019390705	2019409518
		<b>B03B 5 /-</b>		<b>B27K 3 /-</b>	<b>B31B 50 /-</b>
<b>A63B 71 /-</b>	<b>B01F 13 /-</b>	2019364026	<b>B21D 5 /-</b>	2020242556	2019409518
2019373764	2019358198		2018334965		
	2019395691	<b>B03C 3 /-</b>	<b>B21D 51 /-</b>	<b>B27K 5 /-</b>	<b>B31F 1 /-</b>
<b>A63F 1 /-</b>	<b>B01F 3 /-</b>	2019372085	2019374778	2020242556	2019409518
2019360211		<b>B03D 1 /-</b>		<b>B29B 17 /-</b>	<b>B32B 15 /-</b>
		2019366084	<b>B21H 3 /-</b>	2020372604	2019388670
<b>A63F 13 /-</b>	2019358198		2019374778	<b>B29B 7 /-</b>	<b>B32B 19 /-</b>
2018444521	2019386612	<b>B03D 101 /-</b>	<b>B22D 11 /-</b>	2019378044	2019373454
	2020372601	2019366084	2019353307		
<b>A63H 3 /-</b>	<b>B01F 5 /-</b>	<b>B03D 103 /-</b>	<b>B22D 41 /-</b>	<b>B29B 9 /-</b>	<b>B32B 21 /-</b>
2020363970	2019358198	2019366084	2019353307	2018447433	2019364601
	2019376683			2018448025	2019390705
<b>A63H 33 /-</b>	2019386612	<b>B05B 1 /-</b>	<b>B22F 1 /-</b>	2019381678	
2018444272	2020372601	2019374062	2019396535	<b>B29C 49 /-</b>	<b>B32B 27 /-</b>
2019368128		<b>B05B 15 /-</b>	<b>B22F 3 /-</b>	2018447433	2019364601
		2019374062	2019380489	2018448025	2019373454
<b>A63K 1 /-</b>	<b>B01J 13 /-</b>	<b>B05B 5 /-</b>	<b>B22F 5 /-</b>	2019378044	2019379532
2019364860	2019357150	2019370384	2019380489	<b>B29C 51 /-</b>	2019409518
	2020372601			2020229387	2020229387
<b>B01D 15 /-</b>	<b>B01J 19 /-</b>	<b>B05B 7 /-</b>	<b>B22F 9 /-</b>	<b>B29C 64 /-</b>	<b>B32B 3 /-</b>
2019372079	2019379744	2019370384	2019396535	2018447433	2019361176
		2020368984		2018448025	2019380344
<b>B01D 19 /-</b>	<b>B01J 19 /-</b>	<b>B05C 17 /-</b>	<b>B23B 1 /-</b>	<b>B29C 51 /-</b>	<b>B32B 5 /-</b>
2019356968	2019357150	2019370384	2019389312	2019406396	2019381639
	2019358198				2019383791
<b>B01D 21 /-</b>	2019372079	<b>B05B 7 /-</b>	<b>B23B 27 /-</b>	<b>B29C 64 /-</b>	<b>B32B 7 /-</b>
2019379801	2019382919	2019370384	2019389312	2018447433	2019379532
				2019374148	
<b>B01D 37 /-</b>	<b>B01J 2 /-</b>	<b>B05C 17 /-</b>	<b>B23B 35 /-</b>	2019378044	<b>B32B 9 /-</b>
2019367193	2019370384	2019395691	2019389312	<b>B29C 65 /-</b>	2019381639
		2019396381		2019359197	2019383791
<b>B01D 39 /-</b>	<b>B01J 20 /-</b>	<b>B06B 1 /-</b>	<b>B23B 27 /-</b>	2019376415	<b>B32B 7 /-</b>
2018453854	2019373105	2019364655	2019389312	2019392474	2019379532
2019364026	2019426893	2019379545		2019403126	
2019380899	2019427500		<b>B23B 35 /-</b>	2019406396	<b>B32B 9 /-</b>
		<b>B07B 1 /-</b>	2019389312	2019446744	
<b>B01D 43 /-</b>	<b>B01J 23 /-</b>	2019364026	<b>B23B 1 /-</b>	<b>B29C 70 /-</b>	2019381678
2019367193	2018448765	2019403126	2019389312	2019423287	<b>B33Y 10 /-</b>
	2019373092		<b>B23C 3 /-</b>	<b>B29D 22 /-</b>	2019378044
<b>B01D 46 /-</b>	<b>B01J 35 /-</b>	<b>B08B 1 /-</b>	2019389312	2019406396	<b>B33Y 30 /-</b>
2019372085	2018448765	2019352456			2019378044
		2019382115			

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<b><u>B33Y 40 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B64C 1 /-</u></b>	2019378745 2019392638	<b><u>B81C 3 /-</u></b>	<b><u>C05D 1 /-</u></b>
2019378044	2019375169	2019375178		2019379545	2019365813
<b><u>B33Y 50 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>B82Y 5 /-</u></b>	<b><u>C07C 201 /-</u></b>
2019374148 2019378044	2019362279 2019375169	2019375178 2019378256	2019406396	2019385893	2019382545
<b><u>B33Y 70 /-</u></b>	<b><u>B60R 11 /-</u></b>	<b><u>B65B 51 /-</u></b>	2019359021 2019375050 2019378745 2019392611 2019398305 2019406396	<b><u>C01B 25 /-</u></b>	<b><u>C07C 203 /-</u></b>
2019378044	2020211868	2019376415		2019352540 2019415246	2019382545
<b><u>B41F 13 /-</u></b>	<b><u>B60W 10 /-</u></b>	<b><u>B65B 7 /-</u></b>		<b><u>C01B 32 /-</u></b>	<b><u>C07C 215 /-</u></b>
2019370461	2019377545	2019381673 2019406396		2019371651	2019383413
<b><u>B41F 17 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C01B 33 /-</u></b>	<b><u>C07C 229 /-</u></b>
2019370461 2019372329	2019355138 2019377392	2019357273	2019370900	2019379744	2019358595
<b><u>B41F 31 /-</u></b>	<b><u>B60W 40 /-</u></b>	<b><u>B65D 13 /-</u></b>		<b><u>C01G 53 /-</u></b>	<b><u>C07C 233 /-</u></b>
2019372329	2019377392	2019367680	2019397636	2019376818	2019358595
<b><u>B41J 11 /-</u></b>	<b><u>B60W 50 /-</u></b>	<b><u>B65D 17 /-</u></b>		<b><u>C02F 1 /-</u></b>	<b><u>C07C 235 /-</u></b>
2019354770	2019377392	2019382159 2020280116	2019370900 2019397636	2019365232 2019372085 2019376683 2019379801 2019384588	2019358595 <b><u>C07C 237 /-</u></b>
<b><u>B41J 2 /-</u></b>	<b><u>B61L 25 /-</u></b>	<b><u>B65D 30 /-</u></b>	2019370900		2019385799
2019354770	2019386290 2019386984	2019357273	<b><u>B65G 51 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C07C 317 /-</u></b>
<b><u>B41J 29 /-</u></b>	<b><u>B62D 33 /-</u></b>	<b><u>B65D 33 /-</u></b>	2019389621	2019379801	2019358595
2019354770	2019375169	2019380344 2019406361	<b><u>B65H 19 /-</u></b>	<b><u>C02F 7 /-</u></b>	<b><u>C07C 323 /-</u></b>
<b><u>B41J 3 /-</u></b>	<b><u>B62D 55 /-</u></b>	<b><u>B65D 39 /-</u></b>	2019369510	2020372601	2019358595
2019354770	2019371367	2019374778	<b><u>B66B 1 /-</u></b>	<b><u>C03C 13 /-</u></b>	<b><u>C07C 53 /-</u></b>
<b><u>B41M 3 /-</u></b>	<b><u>B62D 63 /-</u></b>	<b><u>B65D 43 /-</u></b>	2018445455 2019373294	2019365389	2019377986
2019388649	2019362279	2019381673 2020280116	<b><u>B66B 17 /-</u></b>	<b><u>C03C 3 /-</u></b>	<b><u>C07C 59 /-</u></b>
<b><u>B42D 15 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65D 47 /-</u></b>	2018448166	2019365389	2019358595
2019392474	2019343334 2019374727	2018445202 2020280116	<b><u>B66D 1 /-</u></b>	<b><u>C03C 4 /-</u></b>	<b><u>C07C 63 /-</u></b>
<b><u>B42D 25 /-</u></b>	<b><u>B63B 22 /-</u></b>	<b><u>B65D 50 /-</u></b>	2019352036	2019365389	2019358595
2019352753 2019352754 2019388649	2019343334	2019381673	<b><u>B66D 5 /-</u></b>	2019379304	2019358595
<b><u>B43K 5 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65D 51 /-</u></b>	2019352036	<b><u>C04B 28 /-</u></b>	<b><u>C07D 207 /-</u></b>
2019382159	2019343334 2019360540	2019381673 2020280116	<b><u>B66F 11 /-</u></b>	2019353307	2019381628
<b><u>B43L 13 /-</u></b>	<b><u>B63B 59 /-</u></b>	<b><u>B65D 63 /-</u></b>	2019363868	<b><u>C05B 1 /-</u></b>	<b><u>C07D 209 /-</u></b>
2019392580	2019343484 2019352456	2019367680 2019373457	<b><u>B66F 17 /-</u></b>	2019352540	2019374142
<b><u>B60G 3 /-</u></b>	<b><u>B63G 8 /-</u></b>	<b><u>B65D 65 /-</u></b>	2019363868	<b><u>C05B 11 /-</u></b>	<b><u>C07D 211 /-</u></b>
2019388952	2019377994 2019378000 2019382079	2019373457	<b><u>B66F 9 /-</u></b>	2019352540	2019351530
<b><u>B60K 31 /-</u></b>	<b><u>B63H 20 /-</u></b>	<b><u>B65D 75 /-</u></b>	2019416964	<b><u>C05B 3 /-</u></b>	<b><u>C07D 213 /-</u></b>
2019377545	2020372601	2019392611 2020229387	<b><u>B67D 1 /-</u></b>	2019352540	2019360206 2019361739 2019364336 2019385799 2019443912
<b><u>B60K 6 /-</u></b>		2018445202	2019366793	<b><u>C05B 9 /-</u></b>	
2019355138				2019352540	

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<b><u>C07D 215 /-</u></b>	<b><u>C07D 403 /-</u></b>	2019376065	<b><u>C07D 515 /-</u></b>	2019356573	<b><u>C08B 37 /-</u></b>
2019374172	2019364336	2019378184	2019347963	2019356804	2019377869
	2019373367	2019381808		2019356806	
<b><u>C07D 221 /-</u></b>	2019374142	2019384118	<b><u>C07D 519 /-</u></b>	2019357467	<b><u>C08F 120 /-</u></b>
2019362052	2019374731	2019386036	2019370734	2019357983	2019378119
	2019376065	2019387290	2019383500	2019358417	
<b><u>C07D 237 /-</u></b>	2019376647	2019390907	2019396360	2019359499	
2019376647	2019376647	2019396360		2019361247	<b><u>C08F 2 /-</u></b>
2019377986	2019376684	2019409191	<b><u>C07F 1 /-</u></b>	2019362131	2019376489
	2019377986	2019409936	2019427500	2019366960	2019384078
	2019384118	2019411529		2019367206	
	2019390907			2019369222	<b><u>C08F 220 /-</u></b>
<b><u>C07D 239 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07D 473 /-</u></b>	<b><u>C07F 7 /-</u></b>	2019369397	2018447046
2019350717	2019347947	2019396499	2019360154	2019370031	
2019372121	2019348094	<b><u>C07D 475 /-</u></b>		2019370601	
2019390907	2019362242	2019370731	<b><u>C07F 9 /-</u></b>	2019372184	<b><u>C08F 230 /-</u></b>
	2019364336		2019371206	2019372331	2019364355
<b><u>C07D 247 /-</u></b>	2019374731	<b><u>C07D 487 /-</u></b>	2019371454	2019373999	
2019374142	2019376065	2019347947	2019374748	2019374190	<b><u>C08F 261 /-</u></b>
	2019376647	2019348094	2019377986	2019374496	2019373454
<b><u>C07D 249 /-</u></b>	2019376684	2019359166	2019415246	2019374780	
2019393784	2019379789	2019362242	<b><u>C07H 21 /-</u></b>	2019374790	<b><u>C08F 265 /-</u></b>
	2019387290	2019364336	2019370937	2019375014	2019364355
<b><u>C07D 263 /-</u></b>	2019390907	2019370734	2019371206	2019375409	
2019380072	<b><u>C07D 409 /-</u></b>	2019370735	2019376079	2019375413	<b><u>C08F 285 /-</u></b>
	2019348094	2019370994	2019381681	2019376476	2019364355
<b><u>C07D 305 /-</u></b>	2019374731	2019372057	<b><u>C07J 71 /-</u></b>	2019376968	<b><u>C08F 285 /-</u></b>
2019390489	<b><u>C07D 413 /-</u></b>	2019373678	2019377461	2019377454	2019364355
	2019345706	2019380072	2019377515	2019377552	<b><u>C08F 4 /-</u></b>
<b><u>C07D 307 /-</u></b>	2019348094	2019381628	2019377552	2019377595	2019384078
2019361739	2019364336	2019381808	2019378039	2019378101	
	2019372057	2019388872	2019379261	2019379261	<b><u>C08G 18 /-</u></b>
<b><u>C07D 311 /-</u></b>	2019373367	2019389262	2019380703	2019380703	2019371419
2019374172	2019376065	2019390489	2019380953	2019381219	<b><u>C08G 63 /-</u></b>
	2019376647	2019390907	2019382287	2019382287	2018447432
<b><u>C07D 319 /-</u></b>	2019377986	2019396360	2019382505	2019382505	2018447433
2018448026	2019384118	2019409191	2019383466	2019383466	2018448021
2018448137	2019387290	2019410640	2019384119	2019404098	2018448025
2018448138	2019390907	<b><u>C07D 491 /-</u></b>	2019384119	2019406447	2018448026
	<b><u>C07D 417 /-</u></b>	2019347947	2019385119	2019407063	2018448114
<b><u>C07D 333 /-</u></b>	2019348094	2019348094	2019357042	2019407364	2018448134
2019385799	2019361739	2019372057	2019357621	2019409936	2018448137
	2019363115	2019376647	2019359869	2019418141	2018448138
<b><u>C07D 401 /-</u></b>	2019371243	2019383466	2019364367	2020329466	2020372604
2019348094	2019372057	2019407909	2019366084	<b><u>C07K 19 /-</u></b>	<b><u>C08G 65 /-</u></b>
2019361739	2019373367	<b><u>C07D 495 /-</u></b>	2019370815	2019376968	2019377525
2019364336	2019376065	2019361739	2019374190	2019381219	2019382753
2019372057	2019377986	2019372057	2019374409	<b><u>C07K 4 /-</u></b>	<b><u>C08G 73 /-</u></b>
2019373367	2019390907	2019376647	2019374480	2019366084	2019366996
2019374194	<b><u>C07D 419 /-</u></b>	2019385438	2019374790	<b><u>C07K 5 /-</u></b>	2019382753
2019376065	2019348094	<b><u>C07D 498 /-</u></b>	2019374828	2019351912	2019390489
2019376647	<b><u>C07D 451 /-</u></b>	2019348094	2019374981	2019356804	<b><u>C08G 83 /-</u></b>
2019376684	2019345706	2019364336	2019375988	2019371209	2019390489
2019377986	2019347947	2019376647	2019376164	2019388008	
2019379789	2019374917	2019383500	2019376495	<b><u>C07K 7 /-</u></b>	
2019384118	<b><u>C07D 471 /-</u></b>	2019383500	2019376968	2019356804	
2019387290	2019347947	2019409191	2019377553	2019357042	
2019390907	2019374194	2019410640	2019380703	2019366084	
2019396360	2019347947	<b><u>C07D 513 /-</u></b>	2019380953		
2019402189	2019364336	2019373679	2019382287		
	2019372057	2019409191	2019390081		
	2019373677	2019410640	2019406447		
	2019374194		2019416605		
			<b><u>C07K 16 /-</u></b>		
			2018447127		
			2019347412		



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2019368352	<b><u>E01F 9 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F02D 11 /-</u></b>	<b><u>F04F 13 /-</u></b>	2019376683
2019368352		2019363558	2019356964	2019366912	2019376012	<b><u>F16K 43 /-</u></b>
	<b><u>E02B 3 /-</u></b>	2019364601	2019371404	<b><u>F02D 19 /-</u></b>	2019376015	2019380577
2019343334		2019367123	<b><u>E21B 34 /-</u></b>	2020296473	2019376162	<b><u>F16L 1 /-</u></b>
2019360540	<b><u>E04F 21 /-</u></b>	2019369000		<b><u>F02D 23 /-</u></b>	2019376673	2019377350
		2019390705	2018455884		2019377592	
<b><u>E02D 27 /-</u></b>			2019376012	2019364649	2019377868	<b><u>F16L 11 /-</u></b>
2019368352	<b><u>E04G 13 /-</u></b>		2019377592	<b><u>F02D 41 /-</u></b>	<b><u>F15B 1 /-</u></b>	2019389286
		2019356781	<b><u>E21B 4 /-</u></b>		2019310811	
		2019359107		2019364649	<b><u>F15B 21 /-</u></b>	<b><u>F16L 15 /-</u></b>
<b><u>E02D 33 /-</u></b>			2019406059	2020296473		2019394564
2019375181	<b><u>E04G 5 /-</u></b>		<b><u>E21B 41 /-</u></b>	<b><u>F02K 9 /-</u></b>	2019310811	<b><u>F16L 3 /-</u></b>
		2019356781		2019390971	2019376015	2019373457
<b><u>E02D 5 /-</u></b>	<b><u>E04H 1 /-</u></b>		2019371404	<b><u>F02M 19 /-</u></b>	<b><u>F15D 1 /-</u></b>	<b><u>F16L 47 /-</u></b>
2019375181			2019377888		2019386612	2019446744
		2019409011	<b><u>E21B 43 /-</u></b>	2019376683	<b><u>F16B 2 /-</u></b>	<b><u>F16L 55 /-</u></b>
<b><u>E02F 9 /-</u></b>	<b><u>E04H 12 /-</u></b>			<b><u>F02M 21 /-</u></b>	2019367680	2019377350
2019377388		2019362279	2018453374			2019389621
2019396213	<b><u>E04H 17 /-</u></b>		2019352495	<b><u>F03D 1 /-</u></b>	<b><u>F16B 45 /-</u></b>	<b><u>F16L 59 /-</u></b>
2020211868			2019373471		2019374727	2019361176
	<b><u>E04H 17 /-</u></b>	2019381592	2019376162	2020296473	<b><u>F16G 11 /-</u></b>	2019383791
<b><u>E03B 1 /-</u></b>			2019376673		2019356585	<b><u>F21S 41 /-</u></b>
	<b><u>E04H 17 /-</u></b>		2019382091	<b><u>F03D 80 /-</u></b>	2019359049	2020374239
2019386567		2019372997	<b><u>E21B 47 /-</u></b>		2019374727	<b><u>F21V 23 /-</u></b>
	<b><u>E04H 4 /-</u></b>			2018446413		2019343484
2019383050		2019352456	2019352495	2018447565	<b><u>F16G 3 /-</u></b>	<b><u>F21V 29 /-</u></b>
	<b><u>E05B 61 /-</u></b>		2019356964	2018448000		2019381680
<b><u>E03C 1 /-</u></b>		2019377352	2019371404	2019370833	<b><u>F16H 55 /-</u></b>	<b><u>F21V 31 /-</u></b>
	<b><u>E05B 63 /-</u></b>		2019373471	<b><u>F03D 80 /-</u></b>	2019395569	2019343484
2018449789		2019352495	2019377888		<b><u>F16J 9 /-</u></b>	<b><u>F21V 7 /-</u></b>
2019386567	<b><u>E05B 65 /-</u></b>	2019352495		<b><u>F03G 3 /-</u></b>	<b><u>F16K 1 /-</u></b>	<b><u>F21W 107 /-</u></b>
		2019377352	<b><u>E21B 49 /-</u></b>		2019356585	<b><u>F21W 131 /-</u></b>
<b><u>E04B 1 /-</u></b>				2019310811	<b><u>F16H 55 /-</u></b>	2019381680
	<b><u>E05C 17 /-</u></b>	2019377352	<b><u>E21B 7 /-</u></b>	<b><u>F03G 7 /-</u></b>	<b><u>F16K 11 /-</u></b>	<b><u>F21Y 105 /-</u></b>
2019354902			2019418351		2019398836	2019343484
2019362279	<b><u>E06B 11 /-</u></b>	2019377352		<b><u>F04B 17 /-</u></b>	<b><u>F16K 15 /-</u></b>	<b><u>F21Y 115 /-</u></b>
2019378256			<b><u>E21C 41 /-</u></b>		2019376683	2019343484
2019379504	<b><u>E06B 5 /-</u></b>	2019377352		<b><u>F04B 19 /-</u></b>	<b><u>F16K 17 /-</u></b>	<b><u>F23C 10 /-</u></b>
2019381592			2019375169			
2019383791	<b><u>E06B 11 /-</u></b>	2019372431	<b><u>E21D 11 /-</u></b>	2019390474	<b><u>F16K 25 /-</u></b>	
				<b><u>F04B 43 /-</u></b>		
<b><u>E04B 2 /-</u></b>	<b><u>E06C 2 /-</u></b>	2019372431	<b><u>E21D 23 /-</u></b>		<b><u>F16K 31 /-</u></b>	
		2019372431		2019390474		
2020227842		2019359510	<b><u>E21D 23 /-</u></b>		<b><u>F16K 31 /-</u></b>	
	<b><u>E06B 9 /-</u></b>			2018447176		
2019381637		2019352560	2019369238	2019352546	<b><u>F16K 11 /-</u></b>	
	<b><u>E06B 5 /-</u></b>				<b><u>F16K 15 /-</u></b>	
<b><u>E04C 2 /-</u></b>		2019352560	<b><u>E21D 9 /-</u></b>	2019390474	<b><u>F16K 17 /-</u></b>	
	<b><u>E21B 10 /-</u></b>			<b><u>F04B 9 /-</u></b>		
2019381639		2019387712	2019418351		<b><u>F16K 25 /-</u></b>	
2019403126		2019406059	2020351946	2019390474		
2020227842	<b><u>E04F 11 /-</u></b>		<b><u>F02B 23 /-</u></b>		<b><u>F16K 25 /-</u></b>	
		2019352560		<b><u>F04C 18 /-</u></b>		
<b><u>E04F 11 /-</u></b>			2020296473		<b><u>F16K 31 /-</u></b>	
	<b><u>E21B 17 /-</u></b>	2019387712		2019377910		
2019356781		2019406059	<b><u>F02B 25 /-</u></b>		<b><u>F16K 31 /-</u></b>	
2019381592				<b><u>F04C 27 /-</u></b>		
	<b><u>E04F 13 /-</u></b>	2019356964	2020296473		<b><u>F16K 31 /-</u></b>	
		2019371404		<b><u>F04C 29 /-</u></b>		
2019354902		2019394564	<b><u>F02B 37 /-</u></b>	2019377910		
2019369000					<b><u>F16K 31 /-</u></b>	
2019381637		2019418351		2019377910		
					<b><u>F16K 31 /-</u></b>	
				2018455884		

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<b><u>F23C 5 /-</u></b>		<b><u>F25D 11 /-</u></b>	2019355673	2019386984	2019380606
2019409097	<b><u>F25B 1 /-</u></b>	2019352419	2019355675		2019380703
	2019345581	2019352420	2019355677	<b><u>G01C 22 /-</u></b>	2019382287
<b><u>F23D 14 /-</u></b>	2019347324	2019352421	2019355698	2019377545	2019382292
2018452619	2019349084	2019352422	2019421824		
		2019352423	<b><u>F26B 21 /-</u></b>	<b><u>G01C 9 /-</u></b>	<b><u>G01N 35 /-</u></b>
<b><u>F23D 23 /-</u></b>	<b><u>F25B 41 /-</u></b>	2019352424	2019370384	2019374513	2019354837
2018452619	2019347324	2019352426		2019375543	2019363719
		2019353487	<b><u>F26B 3 /-</u></b>		2019375858
<b><u>F23K 5 /-</u></b>	<b><u>F25B 43 /-</u></b>	2019353490	2019370384	<b><u>G01F 1 /-</u></b>	<b><u>G01R 19 /-</u></b>
2018452619	2019345581	2019353516		2019364663	2019348482
		2019354473	<b><u>F28C 1 /-</u></b>	2019383050	2019370621
<b><u>F23N 1 /-</u></b>	<b><u>F25B 45 /-</u></b>	2019354477		<b><u>G01F 25 /-</u></b>	<b><u>G01R 22 /-</u></b>
2018452619	2019345581	2019354482	2019355949	2020272448	2019352596
2019376228	2019347324	2019354500	2019361652		
	2019349084	2019355673	2019372085	<b><u>G01G 19 /-</u></b>	<b><u>G01R 31 /-</u></b>
		2019355677	<b><u>F28F 25 /-</u></b>	2019363868	2018442725
<b><u>F23N 5 /-</u></b>	<b><u>F25B 49 /-</u></b>	2019355698	2019355949		2019346003
2019376228	2019345581	2019420355	2019361652	<b><u>G01J 3 /-</u></b>	2019348482
	2019349084	2019421824		2019378884	2019360249
<b><u>F23Q 3 /-</u></b>	<b><u>F25B 9 /-</u></b>		<b><u>F41A 23 /-</u></b>		2019370621
2019362025	2019374813	2019354473	2019375544	<b><u>G01J 5 /-</u></b>	<b><u>G01R 33 /-</u></b>
		2019420355		2018448048	2019367006
<b><u>F24C 3 /-</u></b>	<b><u>F25C 1 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>F41A 25 /-</u></b>		2019396124
2018452619	2019352419	2019352419	2019375544	<b><u>G01L 5 /-</u></b>	
2019409097	2019352420	2019420355		2019359049	<b><u>G01S 17 /-</u></b>
<b><u>F24D 19 /-</u></b>	2019352421		<b><u>F41A 27 /-</u></b>		2019360033
2019380577	2019352422	<b><u>F25D 25 /-</u></b>	2019375544	<b><u>G01N 1 /-</u></b>	2019360033
	2019352423	2019352419		2019346843	<b><u>G01S 7 /-</u></b>
<b><u>F24F 11 /-</u></b>	2019352424	2019352420	<b><u>F41F 3 /-</u></b>	2019357273	2019360033
2019422797	2019352426	2019352421	2019377994	2019367193	2019364655
	2019353487	2019352422	2019378000		
<b><u>F24F 13 /-</u></b>	2019353490	2019352423	2019382079	<b><u>G01N 15 /-</u></b>	<b><u>G01V 3 /-</u></b>
2019361652	2019353516	2019352424		2019346843	2019367006
2019377352	2019354473	2019352426	<b><u>F41H 13 /-</u></b>	2019356968	2019373471
2019383791	2019354475	2019352426	2019355903	2019367193	
	2019354477	2019353487	<b><u>F42D 1 /-</u></b>	2019375858	<b><u>G02B 13 /-</u></b>
<b><u>F24F 6 /-</u></b>	2019354482	2019353490	2019418351	<b><u>G01N 21 /-</u></b>	2019378884
2019377352	2019354500	2019353516		2019356023	
	2019355673	2019354473	<b><u>F42D 3 /-</u></b>	2019376834	<b><u>G02B 23 /-</u></b>
<b><u>F24H 1 /-</u></b>	2019355675	2019354475	2019418351	2019378884	2019371433
2019385711	2019355677	2019354477		2019387270	
	2019355698	2019354482	<b><u>G01B 11 /-</u></b>		<b><u>G02B 26 /-</u></b>
<b><u>F24H 8 /-</u></b>	<b><u>F25C 5 /-</u></b>	2019354500	2019375543	<b><u>G01N 27 /-</u></b>	2019378884
2019385711	2019352419	2019354500		2019357593	
	2019352420	2019355673	<b><u>G01B 3 /-</u></b>	2019375181	<b><u>G02B 5 /-</u></b>
<b><u>F24S 10 /-</u></b>	2019352421	2019355675	2019392580		2019372438
2019385711	2019352422	2019355677		<b><u>G01N 29 /-</u></b>	
	2019352423	2019355698	<b><u>G01B 5 /-</u></b>	2019384492	<b><u>G02C 7 /-</u></b>
<b><u>F24S 20 /-</u></b>	2019352424		2019392580		2019404104
2019374744	2019352426	<b><u>F25D 29 /-</u></b>		<b><u>G01N 33 /-</u></b>	
	2019353487	2019352419	<b><u>G01B 7 /-</u></b>	2019355198	<b><u>G02F 1 /-</u></b>
<b><u>F24S 20 /-</u></b>	2019353490	2019352420	2019397636	2019356804	2019368534
2019345276	2019353490	2019352421		2019357273	
2019374744	2019353490	2019352422	<b><u>G01C 21 /-</u></b>	2019368318	<b><u>G03G 15 /-</u></b>
	2019353516	2019352423	2019374513	2019370705	
<b><u>F24S 50 /-</u></b>	2019354473	2019352424	2019386290	2019371213	
2019345276	2019354475	2019352426		2019372440	2019374707
2019374744	2019354477	2019352426		2019376968	
	2019354477	2019353487			
<b><u>F24S 90 /-</u></b>	2019354482	2019353490			
2019383977	2019354500	2019353516			
	2019355673	2019354473			
	2019355675	2019354475			
	2019355677	2019354477			
	2019355698	2019354482			
		2019354500			

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<b>G05B 13 /-</b>	2019342918 2019356522		<b>G06T 5 /-</b>	2019363031 2019393742	<b>G10L 21 /-</b>	2020224023
2019348202	2019366949 2019372050	<b>G06Q 10 /-</b>			<b>H01M 4 /-</b>	
<b>G05B 19 /-</b>	2019375635 2020213863	2019348051 2019348202			<b>G10L 25 /-</b>	2019359479
2019370149		2019352269 2019353548	<b>G06T 7 /-</b>		2019360358	<b>H01M 50 /-</b>
<b>G05D 1 /-</b>	<b>G06F 30 /-</b>	2019362970 2019364195		2019349824 2019362347	<b>G16B 20 /-</b>	2019362025 2020224023
2019365813	2019423287	2019365211 2019365214		2019363031 2019371155	2019356033	
2019377545	<b>G06F 40 /-</b>	2019365846 2019369396	<b>G06T 9 /-</b>		<b>G16B 30 /-</b>	<b>H01Q 3 /-</b>
<b>G05D 3 /-</b>	2019376685	2019370149 2019370273		2019353279	2019351522 2019366472	2020208478
2019365813	<b>G06F 8 /-</b>	2019370634 2019374101	<b>G07C 9 /-</b>			<b>H02H 1 /-</b>
<b>G05G 9 /-</b>	2019348060 2019372246	2019376170 2019377524		2019373730	<b>G16H 10 /-</b>	2019346003
2018444521	<b>G06F 9 /-</b>	2019387205 2019396213	<b>G07F 11 /-</b>		2019359878 2020286320	<b>H02H 3 /-</b>
<b>G06F 11 /-</b>	2019364421 2019365846			2019371784	<b>G16H 20 /-</b>	2019346003
2019364421	2019372246 2019378694	<b>G06Q 20 /-</b>	<b>G07F 7 /-</b>		2019377133 2019378138	<b>H02J 1 /-</b>
2019370193	2019383337 2019393724	2019343182 2019369396		2019371784 2019373673	<b>G16H 40 /-</b>	2018444979
2019377524	2020222167	2019372344 2019449460	<b>G07F 9 /-</b>		2019354911 2019377133 2019378138	<b>H02J 13 /-</b>
<b>G06F 111 /-</b>		2020216349		2019371784 2019373673	<b>G16H 50 /-</b>	2019352596
2019423287	<b>G06K 7 /-</b>		<b>G09B 23 /-</b>		2019351522 2019352792 2019359878 2019372440	<b>H02J 3 /-</b>
<b>G06F 113 /-</b>	2019406116	<b>G06Q 30 /-</b>		2020260764	<b>G21H 1 /-</b>	2019352596 2019363757 2019440052 2020224023
2019423287	<b>G06K 9 /-</b>	2019343182 2019353548	<b>G09B 5 /-</b>			<b>H02J 50 /-</b>
<b>G06F 119 /-</b>	2019346440 2019367006	2019365846 2019366949	2018442376			2019385618
2019423287	2019376682 2020211766	2019370273 2019370623	<b>G09B 23 /-</b>		<b>G09B 23 /-</b>	<b>H02J 7 /-</b>
<b>G06F 13 /-</b>	<b>G06N 10 /-</b>	2019374056 2019376682		2020260764	2019376639	<b>H02J 7 /-</b>
2019349437		2019385311	<b>G09B 5 /-</b>			<b>H01B 17 /-</b>
2019391752	<b>G06N 10 /-</b>		2019376177		<b>H01B 17 /-</b>	2019360880 2019367448 2019368742 2020224023
<b>G06F 15 /-</b>	2019377959 2019406166	<b>G06Q 40 /-</b>		2019348051	<b>H01H 13 /-</b>	<b>H02M 3 /-</b>
2018454814	<b>G06N 20 /-</b>	2019369396 2019370273	<b>G09B 7 /-</b>		2019377162	2019367448 2019440052
2019343182				2019346044	<b>H01H 21 /-</b>	
<b>G06F 16 /-</b>	2019348060 2019348202	<b>G06Q 50 /-</b>			2019377162	<b>H02S 20 /-</b>
2019321746	2019350649 2019370273	2019346199 2019348051	<b>G09F 1 /-</b>			2019370881 2019383977
2019379163	2019374101 2020326407	2019352269 2019365211	2019346044	<b>G09F 13 /-</b>	<b>H01H 3 /-</b>	
2019385311	<b>G06N 3 /-</b>	2019365214 2019376170		2019352560		
2019386432			<b>G09F 3 /-</b>		<b>H01J 45 /-</b>	
2020372603	<b>G06N 10 /-</b>		2019392474		2019376639	
<b>G06F 17 /-</b>	2019373211 2020325094 2020326407	<b>G06T 1 /-</b>				<b>H01J 49 /-</b>
2019366977	<b>G06N 5 /-</b>	2020211868	<b>G09G 5 /-</b>			2019370621
<b>G06F 21 /-</b>	2019364421 2019373211 2019374056	<b>G06T 13 /-</b>		2019371393	<b>H01J 49 /-</b>	<b>H03H 7 /-</b>
2019356522		2019371155	<b>G09F 13 /-</b>		2019392058	2019360249
2019360160	<b>G06N 7 /-</b>			2019364655	<b>H01L 31 /-</b>	<b>H03J 1 /-</b>
2019370149		<b>G06T 15 /-</b>	<b>G10K 11 /-</b>			2020239815
2019371545		2019371155		2019374056	<b>H01M 10 /-</b>	
2019372050	<b>G06N 99 /-</b>		<b>G10L 15 /-</b>			<b>H04B 10 /-</b>
2019377099		2019352792			2019359479 2019367448	2018442725
2019383075	2019364421 2020325094					
2019386432						
<b>G06F 3 /-</b>						
2018444521	2019376649					

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<b><u>H04B 3 /-</u></b>	<b><u>H04N 21 /-</u></b>	2019435787
2019360249	2019374139	<b><u>H05B 45 /-</u></b>
<b><u>H04B 5 /-</u></b>	2019385245	2019368534
2019376170	<b><u>H04N 7 /-</u></b>	<b><u>H05B 47 /-</u></b>
<b><u>H04B 7 /-</u></b>	2020211868	2019368534
2018442376	<b><u>H04Q 9 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019406116	2019422797	2019400555
2020208478	<b><u>H04W 12 /-</u></b>	<b><u>H05H 1 /-</u></b>
<b><u>H04J 11 /-</u></b>	2018442376	2019348100
2018444715	2019406116	2019371240
<b><u>H04L 12 /-</u></b>	<b><u>H04W 16 /-</u></b>	
2018454906	2018447397	
2019348539	<b><u>H04W 28 /-</u></b>	
2019365638	2018447787	
2019370286	2019370757	
2019380324	2019371163	
2019383942	<b><u>H04W 36 /-</u></b>	
2019458741	2018442596	
<b><u>H04L 29 /-</u></b>	2019371163	
2019377099	<b><u>H04W 4 /-</u></b>	
2019383075	2019348116	
2019383942	2019357721	
2019406116	2019376649	
2019443141	<b><u>H04W 48 /-</u></b>	
2020319579	2018443880	
<b><u>H04L 5 /-</u></b>	2019354342	
2019345821	<b><u>H04W 52 /-</u></b>	
2019351179	2019351179	
2019378849	<b><u>H04W 56 /-</u></b>	
2020220581	2018444715	
<b><u>H04L 9 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2019323043	2018443880	
2019356522	2018444715	
2019360160	2018447397	
2019370149	2019378849	
2019372344	<b><u>H04M 11 /-</u></b>	
2019406116	2019422797	
2019449460	<b><u>H04N 13 /-</u></b>	
<b><u>H04M 11 /-</u></b>	2019377829	
2019422797	2020218488	
<b><u>H04N 13 /-</u></b>	<b><u>H04W 74 /-</u></b>	
2019377829	2020218488	
<b><u>H04N 19 /-</u></b>	<b><u>H04W 76 /-</u></b>	
2019354653	2019354342	
2019359490	2019435787	
2019364883	<b><u>H04W 8 /-</u></b>	
2019368125	2018445805	
2019369543	<b><u>H04W 88 /-</u></b>	
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**G06F 15/76** ( 2006.01 )  
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**A61K 31/695** ( 2006.01 )  
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**A61L 2/18** ( 2006.01 )  
**A61P 31/02** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
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*H01Q 19/17* ( 2006.01 )  
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**(51)** Int. Cl.  
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*B01D 53/00* ( 2006.01 )  
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*B01J 23/745* ( 2006.01 )  
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**(51)** Int. Cl.  
*A61F 2/16* ( 2006.01 )  
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**(51)** Int. Cl.  
*A61K 8/73* ( 2006.01 )  
*A61K 8/67* ( 2006.01 )  
*A61L 27/20* ( 2006.01 )  
*A61L 27/50* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
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**(51)** Int. Cl.  
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*A23L 33/10* ( 2016.01 )  
*A23L 33/105* ( 2016.01 )  
*A61K 35/616* ( 2015.01 )  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(21)** 2015230972 **(22)** 23.03.2015  
**(54)** Methods for treating neurological disorders  
**(51)** Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07D 233/54* ( 2006.01 )  
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 (54) High temperature superconductor generator with increased rotational inertia  
 (51) Int. Cl.  
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*B63H 21/17* ( 2006.01 )  
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*C07K 14/605* ( 2006.01 )  
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*A61K 47/65* ( 2017.01 )  
*A61P 3/08* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
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*G01N 21/17* ( 2006.01 )  
*G01N 27/26* ( 2006.01 )  
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*H04L 29/08* ( 2006.01 )  
*G06F 3/048* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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**C40B 10/00** ( 2006.01 )  
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**A61N 1/05** ( 2006.01 )  
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 A61P 9/04 ( 2006.01 )  
 A61P 9/10 ( 2006.01 )  
 A61P 9/12 ( 2006.01 )  
 C07D 239/54 ( 2006.01 )  
 C07D 401/10 ( 2006.01 )  
 C07D 403/06 ( 2006.01 )  
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 C07D 413/06 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 C07D 401/06 ( 2006.01 )  
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*H04B 1/034* ( 2006.01 )  
*H04B 1/3888* ( 2015.01 )  
*H04W 4/00* ( 2018.01 )  
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*A61M 29/00* ( 2006.01 )  
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*G01N 30/06* ( 2006.01 )  
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**(51)** Int. Cl.  
*C12N 5/10* ( 2006.01 )  
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**(51)** Int. Cl.  
*C12N 5/10* ( 2006.01 )  
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*E21F 17/18* ( 2006.01 )  
*E21B 47/002* ( 2012.01 )  
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*E21B 47/00* ( 2012.01 )  
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**(74)** Madderns Pty Ltd

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**(51)** Int. Cl.  
*E05B 63/14* ( 2006.01 )  
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**(54)** Channel device for a scope assembly  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/12** ( 2006.01 )  
**A61M 3/02** ( 2006.01 )  
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**(54)** CHIMERIC ANTIGEN RECEPTOR COMPOSITIONS  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
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**(54)** Device with flow rate indicator  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61B 5/087** ( 2006.01 )  
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**G02C 5/02** ( 2006.01 )  
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**G02C 11/00** ( 2006.01 )  
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**F42B 39/10** ( 2006.01 )  
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**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Cohda Wireless Pty Ltd  
**(11)** AU-B-2019226114  
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**(54)** A method for estimating the position of an object  
**(51)** Int. Cl.  
**G01S 5/08** ( 2006.01 )  
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**G01S 19/48** ( 2010.01 )  
**H04W 4/38** ( 2018.01 )  
**H04W 4/44** ( 2018.01 )  
**H04W 4/46** ( 2018.01 )  
**H04W 4/70** ( 2018.01 )  
**H04W 76/14** ( 2018.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(54)** Ultrasonic system and method for detecting a biofilm on a tooth  
**(51)** Int. Cl.  
**A46B 9/04** ( 2006.01 )  
**A46B 15/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 8/00** ( 2006.01 )  
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**(31)** 62/587,006 **(32)** 16.11.17 **(33)** US  
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**(11)** AU-B-2018395918  
**(21)** 2018395918 **(22)** 13.12.2018  
**(54)** Personal care compositions  
**(51)** Int. Cl.  
**A61K 8/34** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
**(87)** WO2019/133268  
**(31)** 62/612,328 **(32)** 30.12.17 **(33)** US  
**(43)** 04.07.2019  
**(44)** 27.05.2021  
**(72)** DEWDNEY, Nadine; KULKARNI, Pooja; BOYKE, Christine; LESNIAK, Ewelina; KOZUBAL, Cheryl; NYARKO, Samuel; JHA, Brajesh  
**(74)** Shelston IP Pty Ltd.

**(71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-B-2020335017  
**(21)** 2020335017 **(22)** 02.10.2020  
**(54)** Robotic manipulator  
**(51)** Int. Cl.  
**B25J 15/00** ( 2006.01 )  
**B25J 9/14** ( 2006.01 )  
**B25J 9/20** ( 2006.01 )  
**(31)** 2019904510 **(32)** 29.11.19 **(33)** AU  
**(43)** 27.05.2021  
**(44)** 27.05.2021  
**(72)** HOWARD, David; BRETT, James; DELANEY, Gary  
**(74)** Davies Collison Cave Pty Ltd

**(71)** COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; CLINICAL GENOMICS PTY LTD  
**(11)** AU-B-2019222816  
**(21)** 2019222816 **(22)** 27.08.2019  
**(54)** A method of diagnosing neoplasms - II  
**(51)** Int. Cl.

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**C12Q 1/68** ( 2006.01 )  
**(43)** 19.09.2019  
**(44)** 27.05.2021  
**(62)** 2018200017  
**(72)** Young, Graeme P; Lapointe, Lawrence C; Dunne, Robert; Lockett, Trevor John; Molloy, Peter Laurence; Wilson, William J  
**(74)** FB Rice Pty Ltd

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**(71)** CommScope Connectivity Belgium BVBA  
**(11)** AU-B-2015318357  
**(21)** 2015318357 **(22)** 20.08.2015  
**(54)** Optical fiber connection system including optical fiber alignment device  
**(51)** Int. Cl.  
**G02B 6/40** ( 2006.01 )  
**G02B 7/00** ( 2006.01 )  
**(87)** WO2016/043922  
**(31)** 62/052,816 **(32)** 19.09.14 **(33)** US  
 62/092,021 15.12.14 US  
**(43)** 24.03.2016  
**(44)** 27.05.2021  
**(72)** Watte, Jan; Beri, Stefano; Verheyden, Danny Willy August; Sampaio, Marcos; De Oliveira Cortez, Joao; Van Erps, Juergen Albert Jan; Ebraert, Evert Ludwig Bert; Lu, Yu  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** ConMed Corporation  
**(11)** AU-B-2018329827  
**(21)** 2018329827 **(22)** 06.09.2018  
**(54)** Two-way adjustable loop suspensory device for fixation of a soft tissue graft  
**(51)** Int. Cl.  
**A61F 2/08** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
**(87)** WO2019/051050  
**(31)** 62/555,081 **(32)** 07.09.17 **(33)** US  
**(43)** 14.03.2019  
**(44)** 27.05.2021  
**(72)** KAM, Andrew  
**(74)** Griffith Hack

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**(71)** CONMED Corporation  
**(11)** AU-B-2018323950  
**(21)** 2018323950 **(22)** 28.08.2018  
**(54)** System and method for preparing a soft tissue graft  
**(51)** Int. Cl.  
**A61F 2/08** ( 2006.01 )  
**(87)** WO2019/046220  
**(31)** 62/550,840 **(32)** 28.08.17 **(33)** US  
 62/718,715 14.08.18 US  
 62/560,379 19.09.17 US  
**(43)** 07.03.2019  
**(44)** 27.05.2021  
**(72)** KAM, Andrew; LOMBARDO, Giuseppe  
**(74)** Griffith Hack

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**(71)** Continental Automotive Systems, Inc.  
**(11)** AU-B-2018335764  
**(21)** 2018335764 **(22)** 21.09.2018  
**(54)** Inferred bird's-eye view for trailer reverse assist

**(51)** Int. Cl.  
**B62D 13/06** ( 2006.01 )  
**G08G 1/16** ( 2006.01 )  
**(87)** WO2019/060677  
**(31)** 62/561,403 **(32)** 21.09.17 **(33)** US  
**(43)** 28.03.2019  
**(44)** 27.05.2021  
**(72)** GOMEZ-MENDOZA, Rodrigo; HERZOG, Brandon; ZAGROBA, Joseph  
**(74)** Spruson & Ferguson

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**(71)** Cour Pharmaceuticals Development Company  
**(11)** AU-B-2019203181  
**(21)** 2019203181 **(22)** 07.05.2019  
**(54)** IMMUNE-MODIFYING PARTICLES FOR THE TREATMENT OF INFLAMMATION  
**(51)** Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 31/74** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
**(43)** 30.05.2019  
**(44)** 27.05.2021  
**(62)** 2014243758  
**(72)** King, Nicholas; Getts, Daniel  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Covidien LP  
**(11)** AU-B-2020203791  
**(21)** 2020203791 **(22)** 09.06.2020  
**(54)** Mounting device for surgical systems and method of use  
**(51)** Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**A61B 17/29** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**(43)** 02.07.2020  
**(44)** 27.05.2021  
**(62)** 2016274414  
**(72)** KAPADIA, Jaimeen; ROSMARIN, Josiah  
**(74)** Spruson & Ferguson

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**(71)** Creative Biosciences (Guangzhou) Co., Ltd.  
**(11)** AU-B-2017409499  
**(21)** 2017409499 **(22)** 26.12.2017  
**(54)** Detection reagent, detection kit and detection method for ITGA4 gene methylation  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C12N 15/11** ( 2006.01 )  
**(87)** WO2018/188377  
**(31)** 201710236243.9 **(32)** 12.04.17 **(33)** CN  
**(43)** 18.10.2018  
**(44)** 27.05.2021  
**(72)** Liu, Xianglin; Zou, Hongzhi  
**(74)** FB Rice Pty Ltd

**(71)** Cryovac, LLC  
**(11)** AU-B-2017228016  
**(21)** 2017228016 **(22)** 02.03.2017  
**(54)** Apparatus and process for vacuum skin packaging of a product and a vacuum skin package  
**(51)** Int. Cl.  
**B65B 11/52** ( 2006.01 )  
**B65B 31/04** ( 2006.01 )  
**B65B 31/06** ( 2006.01 )  
**B65B 31/02** ( 2006.01 )  
**B65B 41/06** ( 2006.01 )  
**B65B 41/16** ( 2006.01 )  
**B65B 43/52** ( 2006.01 )  
**B65B 51/14** ( 2006.01 )  
**(87)** WO2017/149073  
**(31)** 16158774.6 **(32)** 04.03.16 **(33)** EP  
**(43)** 08.09.2017  
**(44)** 27.05.2021  
**(72)** Palumbo, Riccardo; Liperoti, Antonio  
**(74)** AJ PARK

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**(71)** CSIdentity Corporation  
**(11)** AU-B-2019261724  
**(21)** 2019261724 **(22)** 06.11.2019  
**(54)** Authentication systems and methods for on-demand products  
**(51)** Int. Cl.  
**G06F 7/04** ( 2006.01 )  
**G06Q 20/38** ( 2012.01 )  
**H04L 29/06** ( 2006.01 )  
**(43)** 06.02.2020  
**(44)** 27.05.2021  
**(62)** 2014318966  
**(72)** CHAPA, Isaac; HATLEY, Steven; ROSS, Joe  
**(74)** Spruson & Ferguson

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**(71)** Cummins Power Generation Limited  
**(11)** AU-B-2016325571  
**(21)** 2016325571 **(22)** 19.09.2016  
**(54)** Systems and methods for enabling quick cold starting  
**(51)** Int. Cl.  
**F02D 41/06** ( 2006.01 )  
**F02B 63/04** ( 2006.01 )  
**F02D 29/06** ( 2006.01 )  
**H02K 7/18** ( 2006.01 )  
**H02P 9/04** ( 2006.01 )  
**(87)** WO2017/051156  
**(31)** 1516914.7 **(32)** 24.09.15 **(33)** GB  
**(43)** 30.03.2017  
**(44)** 27.05.2021  
**(72)** Oguguo, Ikenna; Goesel, Philippe; Roberts, Dafydd; Curley, Sean; Meadows, James  
**(74)** Spruson & Ferguson

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**(71)** Curiouser Products Inc.  
**(11)** AU-B-2019277220  
**(21)** 2019277220 **(22)** 29.05.2019  
**(54)** A reflective video display apparatus for interactive training and demonstration and methods of using same  
**(51)** Int. Cl.  
**G06T 11/60** ( 2006.01 )  
**A45D 42/08** ( 2006.01 )  
**A45D 44/00** ( 2006.01 )  
**A47F 11/06** ( 2006.01 )

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**A47G 1/16** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**(87)** WO2019/231982  
**(31)** 62/677,351 **(32)** 29.05.18 **(33)** US  
**(43)** 05.12.2019  
**(44)** 27.05.2021  
**(72)** PUTNAM, Brynn  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** Custom Made Product Development Pty Ltd  
**(11)** AU-B-2016269836  
**(21)** 2016269836 **(22)** 31.05.2016  
**(54)** Load coupling  
**(51)** Int. Cl.  
**B25B 27/00** ( 2006.01 )  
**(87)** WO2016/191805  
**(31)** 2015902027 **(32)** 31.05.15 **(33)** AU  
**(43)** 08.12.2016  
**(44)** 27.05.2021  
**(72)** Milekovic, Peter  
**(74)** CUSTOM MADE PRODUCT DEVELOPMENT PTY LTD

**(71)** CYTO365 AB  
**(11)** AU-B-2017230297  
**(21)** 2017230297 **(22)** 07.03.2017  
**(54)** A valve and method for administering a plurality of drug fluids  
**(51)** Int. Cl.  
**A61M 39/22** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**F16K 11/076** ( 2006.01 )  
**(87)** WO2017/153362  
**(31)** 15/064,422 **(32)** 08.03.16 **(33)** US  
**(43)** 14.09.2017  
**(44)** 27.05.2021  
**(72)** Törnblom, Micael  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Daikin Industries, Ltd.  
**(11)** AU-B-2018324134  
**(21)** 2018324134 **(22)** 27.06.2018  
**(54)** Air processing device  
**(51)** Int. Cl.  
**F24F 11/89** ( 2018.01 )  
**F24F 7/08** ( 2006.01 )  
**F24F 13/20** ( 2006.01 )  
**(87)** WO2019/044144  
**(31)** 2017-163414 **(32)** 28.08.17 **(33)** JP  
**(43)** 07.03.2019  
**(44)** 27.05.2021  
**(72)** SUZUKI, Takanori; HANDA, Youichi; KITAGAWA, Keita; NISHIMURA, Masaya; NOUCHI, Yoshiteru  
**(74)** FB Rice Pty Ltd

**(71)** Daly, T.  
**(11)** AU-B-2016344360  
**(21)** 2016344360 **(22)** 26.10.2016  
**(54)** Amine mining collectors  
**(51)** Int. Cl.  
**C07C 17/04** ( 2006.01 )  
**B03D 1/004** ( 2006.01 )  
**C07C 291/04** ( 2006.01 )

**C07C 329/14** ( 2006.01 )  
**(87)** WO2017/075003  
**(31)** 62/247,029 **(32)** 27.10.15 **(33)** US  
 15/005,162 25.01.16 US  
**(43)** 04.05.2017  
**(44)** 27.05.2021  
**(72)** Daly, Thomas P.  
**(74)** WRAYS PTY LTD

**(71)** Dart Neuroscience (Cayman) Ltd.  
**(11)** AU-B-2019283994  
**(21)** 2019283994 **(22)** 20.12.2019  
**(54)** Substituted [1,2,4] triazolo [1,5-a] pyrimidin-7-yl compounds as PDE2 inhibitors  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
**(43)** 23.01.2020  
**(44)** 27.05.2021  
**(62)** 2015249753  
**(72)** Breitenbucher, James; Freestone, Graeme; Gomez, Laurent; Lemus, Robert; Ly, Kiev; McCarrick, Margaret; Vernier, William; Vickers, Troy  
**(74)** Davies Collison Cave Pty Ltd

**(71)** DDS Patente + Lizenzen AG  
**(11)** AU-B-2017438850  
**(21)** 2017438850 **(22)** 29.11.2017  
**(54)** Method for the treatment of wood particles for the production of alcoholic beverages and their use and an apparatus for their use  
**(51)** Int. Cl.  
**C12G 3/07** ( 2006.01 )  
**C12H 1/22** ( 2006.01 )  
**(87)** WO2019/091590  
**(31)** 17201433.4 **(32)** 13.11.17 **(33)** EP  
**(43)** 16.05.2019  
**(44)** 27.05.2021  
**(72)** STOCKHAUSEN, Dolf  
**(74)** WRAYS PTY LTD

**(71)** De Greef's Wagen-, Carrosserie- en Machinebouw B.V.  
**(11)** AU-B-2017210878  
**(21)** 2017210878 **(22)** 24.01.2017  
**(54)** Method for switching between product types on a sorting system for sorting products such as vegetables and fruit, and sorting system therefor  
**(51)** Int. Cl.  
**B07C 5/36** ( 2006.01 )  
**(87)** WO2017/131514  
**(31)** 2016149 **(32)** 25.01.16 **(33)** NL  
**(43)** 03.08.2017  
**(44)** 27.05.2021  
**(72)** Nijland, Wilhelm Jan  
**(74)** Spruson & Ferguson

**(71)** Deka Australia Pty Ltd  
**(11)** AU-B-2017203518  
**(21)** 2017203518 **(22)** 26.05.2017  
**(54)** A ceiling fan assembly

**(51)** Int. Cl.  
**F04D 29/34** ( 2006.01 )  
**F04D 25/08** ( 2006.01 )  
**F04D 29/60** ( 2006.01 )  
**(43)** 13.12.2018  
**(44)** 27.05.2021  
**(72)** Yu, William  
**(74)** Actuate Patents

**(71)** DEKA Products Limited Partnership  
**(11)** AU-B-2020202330  
**(21)** 2020202330 **(22)** 01.04.2020  
**(54)** SENSOR APPARATUS SYSTEMS, DEVICES AND METHODS  
**(51)** Int. Cl.  
**A61M 1/16** ( 2006.01 )  
**(43)** 23.04.2020  
**(44)** 27.05.2021  
**(62)** 2017253581  
**(72)** Kamen, Dean; Perry, Christopher N.; Demers, Jason A.; Tracey, Brian; Chawan, Arun D.; Grant, Kevin L.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** DEKA Products Limited Partnership  
**(11)** AU-B-2021202633  
**(21)** 2021202633 **(22)** 28.04.2021  
**(54)** CASSETTE SYSTEM INTEGRATED APPARATUS  
**(51)** Int. Cl.  
**A61M 60/268** ( 2021.01 )  
**A61M 1/16** ( 2006.01 )  
**A61M 60/113** ( 2021.01 )  
**A61M 60/40** ( 2021.01 )  
**A61M 60/43** ( 2021.01 )  
**A61M 60/892** ( 2021.01 )  
**A61M 60/894** ( 2021.01 )  
**(43)** 27.05.2021  
**(44)** 27.05.2021  
**(62)** 2020281072  
**(72)** Demers, Jason A.; Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** De La Rue International Limited  
**(11)** AU-B-2016238641  
**(21)** 2016238641 **(22)** 10.03.2016  
**(54)** Security device and method of manufacture  
**(51)** Int. Cl.  
**B42D 25/30** ( 2014.01 )  
**B41M 3/14** ( 2006.01 )  
**B42D 25/29** ( 2014.01 )  
**G02B 3/00** ( 2006.01 )  
**(87)** WO2016/151284  
**(31)** 1504838.2 **(32)** 23.03.15 **(33)** GB  
**(43)** 29.09.2016  
**(44)** 27.05.2021  
**(72)** Holmes, Brian William; Commander, Lawrence George  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Dematic GmbH  
**(11)** AU-B-2016371666

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(21) 2016371666 (22) 29.11.2016  
 (54) Method of order fulfilling by making storage units available from a storage facility in a desired sequence at a picking station  
 (51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
 (87) WO2017/102315  
 (31) 15200843.9 (32) 17.12.15 (33) EP  
 (43) 22.06.2017  
 (44) 27.05.2021  
 (72) Yamashita, Shin; De Oliveira, Carlos  
 (74) Griffith Hack

(71) De Staat der Nederlanden, Vert. Door de Minister Van Vws Ministerie Van Volksgezondheid Welzijn en Sport  
 (11) AU-B-2017213129  
 (21) 2017213129 (22) 27.01.2017  
 (54) Modified hexa-acylated neisserial LPS  
 (51) Int. Cl.  
**C07H 15/06** ( 2006.01 )  
**A61K 31/7024** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )

(87) WO2017/129761  
 (31) 2016170 (32) 28.01.16 (33) NL  
 (43) 03.08.2017  
 (44) 27.05.2021  
 (72) Zariri, Afshin; Pupo Escalona, Elder; Van Der Ley, Peter André  
 (74) FPA Patent Attorneys Pty Ltd

(71) D-Heart S.r.l.  
 (11) AU-B-2016281828  
 (21) 2016281828 (22) 25.05.2016  
 (54) Electronic system to control the acquisition of an electrocardiogram  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/332** ( 2021.01 )  
**A61B 6/00** ( 2006.01 )  
 (87) WO2016/207745  
 (31) 102015000026025 (32) 22.06.15 (33) IT  
 (43) 29.12.2016  
 (44) 27.05.2021  
 (72) Briante, Nicolo; Maurizi, Niccolo  
 (74) AJ PARK

(71) Dolby International AB  
 (11) AU-B-2016336258  
 (21) 2016336258 (22) 07.10.2016  
 (54) Layered coding for compressed sound or sound field representations  
 (51) Int. Cl.  
**G10L 19/008** ( 2013.01 )  
 (87) WO2017/060410  
 (31) 62/361,461 (32) 12.07.16 (33) US  
 15306653.5 15.10.15 EP  
 15306589.1 08.10.15 EP  
 62/361,416 12.07.16 US  
 (43) 13.04.2017  
 (44) 27.05.2021  
 (72) Kordon, Sven; Krueger, Alexander  
 (74) Shelston IP Pty Ltd.

Doshi, H. see Sawant, A.  
 (21) 2019311391

(71) DP Polar GmbH  
 (11) AU-B-2016260790  
 (21) 2016260790 (22) 10.05.2016  
 (54) Device and method for applying flowable material to a substratum that can be rotated about an axis of rotation  
 (51) Int. Cl.  
**B29C 67/00** ( 2006.01 )  
**B33Y 30/00** ( 2015.01 )  
**B33Y 50/02** ( 2015.01 )  
 (87) WO2016/180842  
 (31) 10 2015 005 868.1 (32) 11.05.15 (33) DE  
 (43) 17.11.2016  
 (44) 27.05.2021  
 (72) Mathea, Hans  
 (74) Griffith Hack

Duke University see The University of North Carolina at Chapel Hill  
 (21) 2015323860

(71) Eaton Intelligent Power Limited  
 (11) AU-B-2015298737  
 (21) 2015298737 (22) 29.06.2015  
 (54) Voltage regulator for a power distribution system and method of controlling same  
 (51) Int. Cl.  
**G05F 1/14** ( 2006.01 )  
**H02J 3/00** ( 2006.01 )  
 (87) WO2016/022230  
 (31) 62/033,372 (32) 05.08.14 (33) US  
 (43) 11.02.2016  
 (44) 27.05.2021  
 (72) Daley, Daniel Joseph  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Eaton Intelligent Power Limited  
 (11) AU-B-2017311253  
 (21) 2017311253 (22) 05.07.2017  
 (54) Protective covering  
 (51) Int. Cl.  
**H02B 1/28** ( 2006.01 )  
**H02B 1/36** ( 2006.01 )  
 (87) WO2018/028890  
 (31) 10 2016 114 802.4 (32) 10.08.16 (33) DE  
 (43) 15.02.2018  
 (44) 27.05.2021  
 (72) Bona, Gerhard; Schmidt, Rainer; Ritschel, Norbert  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Ecolab USA Inc.  
 (11) AU-B-2016225988  
 (21) 2016225988 (22) 04.03.2016  
 (54) Multi-channel fluorometric sensor and method of using same  
 (51) Int. Cl.  
**G01N 21/64** ( 2006.01 )  
**G01J 3/44** ( 2006.01 )  
**G01N 21/01** ( 2006.01 )  
 (87) WO2016/141323  
 (31) 14/637,576 (32) 04.03.15 (33) US

(43) 09.09.2016  
 (44) 27.05.2021  
 (72) Tokhtuev, Eugene; Skirda, Anatoly; Christensen, William M.  
 (74) Spruson & Ferguson  
 (71) Ecolab USA Inc.  
 (11) AU-B-2016235905  
 (21) 2016235905 (22) 03.03.2016  
 (54) System and method for capacitive deionization of a fluid  
 (51) Int. Cl.  
**C02F 1/469** ( 2006.01 )  
 (87) WO2016/153753  
 (31) 62/136,209 (32) 20.03.15 (33) US  
 (43) 29.09.2016  
 (44) 27.05.2021  
 (72) Wood, Kyle  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-B-2018354382  
 (21) 2018354382 (22) 26.10.2018  
 (54) Method for increasing dissolution of solid chemistry blocks  
 (51) Int. Cl.  
**B01F 1/00** ( 2006.01 )  
**B01F 15/00** ( 2006.01 )  
**B01F 15/02** ( 2006.01 )  
 (87) WO2019/084409  
 (31) 62/578,279 (32) 27.10.17 (33) US  
 (43) 02.05.2019  
 (44) 27.05.2021  
 (72) SCHWARTZ, Daniel Ronald; DRAKE, Ryan Joseph  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-B-2020202844  
 (21) 2020202844 (22) 30.04.2020  
 (54) Handheld fluorometer  
 (51) Int. Cl.  
**G01N 21/64** ( 2006.01 )  
 (43) 21.05.2020  
 (44) 27.05.2021  
 (62) 2015302108  
 (72) Tokhtuev, Eugene; Skirda, Anatoly; Pilipchenko, Anna; Bolduc, John Wilhelm; Valenstein, Justin Scott; Bakken, Amanda; Fawbush, Stacy; Hutchison, Jeffrey  
 (74) Spruson & Ferguson

(71) Egg Medical, Inc.  
 (11) AU-B-2016382433  
 (21) 2016382433 (22) 12.10.2016  
 (54) Radioabsorbent assemblies  
 (51) Int. Cl.  
**A61B 6/10** ( 2006.01 )  
**G21F 1/12** ( 2006.01 )  
 (87) WO2017/116530  
 (31) 62/240,409 (32) 12.10.15 (33) US  
 (43) 06.07.2017  
 (44) 27.05.2021  
 (72) Wilson, Robert F.; Valeti, Uma S.; Gainor, John P.  
 (74) Phillips Ormonde Fitzpatrick

Applications Accepted - Name Index cont'd

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(71) Einhell Germany AG  
 (11) AU-B-2018280094  
 (21) 2018280094 (22) 29.05.2018  
 (54) Battery management system for a lithium ion battery of an electrical appliance and method for operating a lithium ion battery of an electrical appliance  
 (51) Int. Cl.  
*G01R 31/36* ( 2006.01 )  
*H01M 10/44* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
*H01M 10/42* ( 2006.01 )  
 (87) WO2018/224358  
 (31) 10 2017 112 355.5 (32) 06.06.17 (33) DE  
 (43) 13.12.2018  
 (44) 27.05.2021  
 (72) Thannhuber, Markus  
 (74) Griffith Hack

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(71) ELC Management LLC  
 (11) AU-B-2018292239  
 (21) 2018292239 (22) 21.06.2018  
 (54) High shine, long wear cosmetic compositions also useful as cosmetic adhesives  
 (51) Int. Cl.  
*A61K 8/81* ( 2006.01 )  
*A61K 8/92* ( 2006.01 )  
*A61Q 1/10* ( 2006.01 )  
*A61Q 5/00* ( 2006.01 )  
 (87) WO2019/005579  
 (31) 15/632,903 (32) 26.06.17 (33) US  
 15/906,372 27.02.18 US  
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*D03D 13/00* ( 2006.01 )  
*B32B 5/12* ( 2006.01 )  
*D01F 6/62* ( 2006.01 )  
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*A23L 19/10* ( 2016.01 )  
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 A23P 30/00 ( 2016.01 )  
 B33Y 10/00 ( 2015.01 )  
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**(51)** Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/4196* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
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*C07D 405/14* ( 2006.01 )  
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*A01D 34/00* ( 2006.01 )  
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 A61B 34/37 ( 2016.01 )  
 A61B 90/20 ( 2016.01 )

B25J 9/00 ( 2006.01 )  
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 (21) 2018218557 (22) 06.02.2018  
 (54) FGF21 mimetic antibodies and uses thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
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 (43) 16.08.2018  
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.  
*A61K 31/404* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 25/36* ( 2006.01 )  
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 (31) 62/539,003 (32) 31.07.17 (33) US  
 (43) 07.02.2019  
 (44) 27.05.2021  
 (72) Dolmetsch, Ricardo; Gasparini, Fabrizio; Gomez-Mancilla, Baltazar; Johns, Donald  
 (74) Davies Collison Cave Pty Ltd

(71) NuVasive, Inc.  
 (11) AU-B-2020202963  
 (21) 2020202963 (22) 05.05.2020  
 (54) IMAGING SYSTEM AND METHOD FOR USE IN SURGICAL AND INTERVENTIONAL MEDICAL PROCEDURES  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
 (43) 21.05.2020  
 (44) 27.05.2021  
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 (72) Isaacs, Robert E.; Johnston, Samuel Morris  
 (74) Phillips Ormonde Fitzpatrick

(71) Oceaneering International, Inc.  
 (11) AU-B-2017241801  
 (21) 2017241801 (22) 30.03.2017  
 (54) Rider-controlled trackless ride system  
 (51) Int. Cl.  
*A63G 25/00* ( 2006.01 )  
*A63G 31/00* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
*G05D 3/00* ( 2006.01 )  
*G05D 3/12* ( 2006.01 )  
 (87) WO2017/173139  
 (31) 62/315,425 (32) 30.03.16 (33) US  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-B-2016342091  
 (21) 2016342091 (22) 14.07.2016  
 (54) System and process for retina phototherapy  
 (51) Int. Cl.  
*A61F 9/008* ( 2006.01 )  
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 (74) Griffith Hack

(71) Ontech Security, S.L.  
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 (51) Int. Cl.  
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 (31) 15162297.4 (32) 01.04.15 (33) EP  
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 (72) Aponte Luis, Juan  
 (74) AJ PARK

(71) OpenTV, Inc.  
 (11) AU-B-2020203569  
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 (54) User interface techniques for television channel changes  
 (51) Int. Cl.  
*G06F 3/00* ( 2006.01 )  
 (43) 18.06.2020  
 (44) 27.05.2021  
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 (74) Shelston IP Pty Ltd.

(71) Opko Diagnostics, LLC  
 (11) AU-B-2016339957  
 (21) 2016339957 (22) 13.10.2016  
 (54) Articles and methods for preparing a surface for obtaining a patient sample  
 (51) Int. Cl.  
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*A61L 15/20* ( 2006.01 )  
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 (31) 62/242,893 (32) 16.10.15 (33) US  
 (43) 20.04.2017  
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 (74) Shelston IP Pty Ltd.

(71) OR Technologies Pty Ltd  
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 (21) 2019204330 (22) 20.06.2019  
 (54) A hybrid control system  
 (51) Int. Cl.  
*H04L 12/28* ( 2006.01 )  
*G08B 1/08* ( 2006.01 )  
*G08C 17/02* ( 2006.01 )  
 (43) 11.07.2019  
 (44) 27.05.2021  
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 (72) Bishop, Daniel John; Duffield, Christopher Robert  
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-B-2019204197  
 (21) 2019204197 (22) 14.06.2019  
 (54) Methods, devices and systems for receiving and decoding a signal in the

presence of noise using slices and warping  
 (51) Int. Cl.  
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 (74) K&L Gates

(71) Otsuka Pharmaceutical Factory, Inc.  
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 (21) 2017377309 (22) 08.11.2017  
 (54) Mammalian cell cryopreservation liquid  
 (51) Int. Cl.  
*C12N 5/0775* ( 2010.01 )  
 (87) WO2018/110159  
 (31) 2016-242200 (32) 14.12.16 (33) JP  
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 (44) 27.05.2021  
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 (74) Madderns Pty Ltd

(71) Outotec (Finland) Oy  
 (11) AU-B-2019219858  
 (21) 2019219858 (22) 23.08.2019  
 (54) Vacuum box, belt filter, methods for servicing a vacuum belt filter, method for liquid-solid separation of a slurry, and filter element  
 (51) Int. Cl.  
*B01D 33/333* ( 2006.01 )  
*B01D 29/09* ( 2006.01 )  
*B01D 29/50* ( 2006.01 )  
*B01D 29/96* ( 2006.01 )  
*B01D 33/056* ( 2006.01 )  
*B01D 33/15* ( 2006.01 )  
 (43) 12.09.2019  
 (44) 27.05.2021  
 (62) 2016348816  
 (72) VÄNTTINEN, Kari; ILLI, Mika; EKBERG, Bjarne  
 (74) Griffith Hack

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 (11) AU-B-2017251591  
 (21) 2017251591 (22) 23.03.2017  
 (54) Electrochemical sensor  
 (51) Int. Cl.  
*G01N 27/30* ( 2006.01 )  
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 (31) 1606111.1 (32) 11.04.16 (33) GB  
 (43) 19.10.2017  
 (44) 27.05.2021  
 (72) Johnston, Simon; Birch, Stephen  
 (74) FB Rice Pty Ltd

(71) Parabel Nutrition, Inc.  
 (11) AU-B-2016321425  
 (21) 2016321425 (22) 12.09.2016  
 (54) Apparatuses and methods for generating a high-concentration protein product from a blanched biomass  
 (51) Int. Cl.  
*A23N 12/04* ( 2006.01 )

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**C07K 1/14** ( 2006.01 )  
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**(31)** 62/216,975 **(32)** 10.09.15 **(33)** US  
**(43)** 16.03.2017  
**(44)** 27.05.2021  
**(72)** Weaver, Harvey; Kasat, Girish; Lovas, Brian  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Parasytm Pty Ltd  
**(11)** AU-B-2020323954  
**(21)** 2020323954 **(22)** 12.08.2020  
**(43)** 04.03.2021  
**(44)** 27.05.2021  
**(72)** Dundovic, Nathan; Dundovic, Sophie  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Pepper, S.; Speaker, J.  
**(11)** AU-B-2017206779  
**(21)** 2017206779 **(22)** 12.01.2017  
**(54)** Inflatable watercraft structure and method of making the same  
**(51)** Int. Cl.  
**B63B 32/51** ( 2020.01 )  
**B63B 7/06** ( 2006.01 )  
**B63B 7/08** ( 2006.01 )  
**B63B 32/57** ( 2020.01 )  
**B63B 32/66** ( 2020.01 )  
**B63B 35/58** ( 2006.01 )  
**B63B 43/10** ( 2006.01 )  
**(87)** WO2017/123792  
**(31)** 62/277,740 **(32)** 12.01.16 **(33)** US  
**(43)** 20.07.2017  
**(44)** 27.05.2021  
**(72)** Pepper, Stephen; Speaker, Jonathan  
**(74)** Madderns Pty Ltd

**(71)** Perfecrete Pty Ltd  
**(11)** AU-B-2019283941  
**(21)** 2019283941 **(22)** 19.12.2019  
**(54)** Screed plug, screeding guide and screeding method  
**(51)** Int. Cl.  
**E04F 21/24** ( 2006.01 )  
**E03F 5/04** ( 2006.01 )  
**(43)** 27.05.2021  
**(44)** 27.05.2021  
**(72)** Ford, Rob  
**(74)** FB Rice Pty Ltd

**(71)** Pesense Pty Ltd  
**(11)** AU-B-2019204506  
**(21)** 2019204506 **(22)** 26.06.2019  
**(54)** Pest detection  
**(51)** Int. Cl.  
**A01M 1/20** ( 2006.01 )  
**A01M 1/02** ( 2006.01 )  
**A01M 1/10** ( 2006.01 )  
**(43)** 18.07.2019

**(44)** 27.05.2021  
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**(72)** Flint, Anthony Robert; Simpson, Peter Kenyon; Staunton, Ion Leslie  
**(74)** Intellepro

**(71)** Pfizer Inc.  
**(11)** AU-B-2017311645  
**(21)** 2017311645 **(22)** 31.07.2017  
**(54)** Pyridopyrimidinone CDK2/4/6 inhibitors  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2018/033815  
**(31)** 62/371,602 **(32)** 15.08.16 **(33)** US  
 62/533,347 17.07.17 US  
**(43)** 22.02.2018  
**(44)** 27.05.2021  
**(72)** Behenna, Douglas Carl; Chen, Ping; Freeman-Cook, Kevin Daniel; Hoffman, Robert Louis; Jalaie, Mehran; Nagata, Asako; Nair, Sajiv Krishnan; Ninkovic, Sacha; Ornelas, Martha Alicia; Palmer, Cynthia Louise; Rui, Eugene Yuanjin  
**(74)** Davies Collison Cave Pty Ltd

**(71)** PharmaFluidics NV  
**(11)** AU-B-2017293443  
**(21)** 2017293443 **(22)** 30.06.2017  
**(54)** Production of chemical reactors  
**(51)** Int. Cl.  
**B01J 19/00** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**(87)** WO2018/007915  
**(31)** 2016/5556 **(32)** 04.07.16 **(33)** BE  
**(43)** 11.01.2018  
**(44)** 27.05.2021  
**(72)** Op De Beeck, Jeff; Jacobs, Paul; De Malsche, Wim  
**(74)** WRAYS PTY LTD

**(71)** Poli MD S.r.l.  
**(11)** AU-B-2018311360  
**(21)** 2018311360 **(22)** 11.07.2018  
**(54)** Medical device for the treatment of HPV cutaneous infections  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/616** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61K 47/44** ( 2017.01 )  
**A61P 17/12** ( 2006.01 )  
**(87)** WO2019/025884  
**(31)** 102017000090344 **(32)** 04.08.17 **(33)** IT  
 102018000006535 21.06.18 IT  
**(43)** 07.02.2019  
**(44)** 27.05.2021  
**(72)** POLI, Elena  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Pph S. I A. Pietrucha Andrzej Pietrucha  
**(11)** AU-B-2016254913  
**(21)** 2016254913 **(22)** 22.04.2016  
**(54)** Profile  
**(51)** Int. Cl.

**E02D 5/02** ( 2006.01 )  
**(87)** WO2016/175671  
**(31)** P.412127 **(32)** 27.04.15 **(33)** PL  
**(43)** 03.11.2016  
**(44)** 27.05.2021  
**(72)** Pietrucha, Andrzej; Pietrucha, Jerzy; Eichman, Dariusz; Kolasiński, Daniel  
**(74)** James & Wells Intellectual Property

**(71)** Precision Planting LLC  
**(11)** AU-B-2019284063  
**(21)** 2019284063 **(22)** 23.12.2019  
**(54)** Seed delivery apparatus, systems, and methods  
**(51)** Int. Cl.  
**A01C 7/16** ( 2006.01 )  
**(43)** 23.01.2020  
**(44)** 27.05.2021  
**(62)** 2017203412  
**(72)** RADTKE, Ian R.; HODEL, Jeremy J.  
**(74)** Spruson & Ferguson

**(71)** President and Fellows of Harvard College  
**(11)** AU-B-2020203977  
**(21)** 2020203977 **(22)** 15.06.2020  
**(54)** RNA-guided transcriptional regulation  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**C12N 15/00** ( 2006.01 )  
**(43)** 02.07.2020  
**(44)** 27.05.2021  
**(62)** 2014274939  
**(72)** Church, George M.; Mali, Prashant G.; Esvelt, Kevin M.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Prof. Dr. Claus Bachert BVBA  
**(11)** AU-B-2015407200  
**(21)** 2015407200 **(22)** 21.08.2015  
**(54)** Device for performing an allergy test  
**(51)** Int. Cl.  
**A61B 10/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 17/3209** ( 2006.01 )  
**A61M 5/46** ( 2006.01 )  
**A61M 35/00** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )  
**(87)** WO2017/032400  
**(43)** 02.03.2017  
**(44)** 27.05.2021  
**(72)** Bachert, Claus  
**(74)** Griffith Hack

**(71)** Professional Dietetics International S.r.l.  
**(11)** AU-B-2016325663  
**(21)** 2016325663 **(22)** 08.09.2016  
**(54)** Compositions for treatment of pain in patients who underwent elective arthroplasty  
**(51)** Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61K 31/405** ( 2006.01 )  
**A61K 31/4172** ( 2006.01 )

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**(31)** 102015000055027 **(32)** 24.09.15 **(33)** IT  
**(43)** 30.03.2017  
**(44)** 27.05.2021  
**(72)** Giorgetti, Paolo Luca Maria  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Prometic Bio Therapeutics, Inc.  
**(11)** AU-B-2015367185  
**(21)** 2015367185 **(22)** 18.12.2015  
**(54)** Pharmaceutical composition comprising plasminogen and uses thereof  
**(51)** Int. Cl.  
**A61K 38/48** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/10** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**C12N 9/68** ( 2006.01 )  
**(87)** WO2016/095013  
**(31)** 62/094,556 **(32)** 19.12.14 **(33)** US  
**(43)** 23.06.2016  
**(44)** 27.05.2021  
**(72)** Robitaille, Martin; Blackman, Davida; Plum, Stacy; Garzon-Rodriguez, William; Yu, Betty  
**(74)** FB Rice Pty Ltd

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**(71)** Prothena Biosciences Limited  
**(11)** AU-B-2019203976  
**(21)** 2019203976 **(22)** 06.06.2019  
**(54)** TAU Immunotherapy  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(43)** 27.06.2019  
**(44)** 27.05.2021  
**(62)** 2014248515  
**(72)** Seubert, Peter; Dolan III, Philip James; Liu, Yue; Barbour, Robin  
**(74)** WRAYS PTY LTD

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**(71)** Protokinetix, Inc.  
**(11)** AU-B-2015271608  
**(21)** 2015271608 **(22)** 02.06.2015  
**(54)** Use of anti-aging glycopeptides to enhance pancreatic cell health, survival and improve transplant outcome  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**A61K 35/39** ( 2006.01 )  
**A61K 38/14** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07K 9/00** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**(87)** WO2015/184544  
**(31)** 62/007,626 **(32)** 04.06.14 **(33)** US  
**(43)** 10.12.2015  
**(44)** 27.05.2021  
**(72)** Young, Lachlan Grant; Shapiro, A. M. James  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** PuREC Co., Ltd  
**(11)** AU-B-2015297347  
**(21)** 2015297347 **(22)** 31.07.2015

**(54)** Method for evaluating quality of human mesenchymal stem cell, and monoclonal antibody for use in said method  
**(51)** Int. Cl.  
**C12N 5/0775** ( 2010.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 15/02** ( 2006.01 )  
**C12P 1/00** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**(87)** WO2016/017795  
**(31)** 2014-157367 **(32)** 01.08.14 **(33)** JP  
**(43)** 04.02.2016  
**(44)** 27.05.2021  
**(72)** Iyoku, Yumi; Okano, Hideyuki; Mabuchi, Yo  
**(74)** FB Rice Pty Ltd

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**(71)** Pure Storage, Inc.  
**(11)** AU-B-2016342069  
**(21)** 2016342069 **(22)** 03.02.2016  
**(54)** Proactively providing corrective measures for storage arrays  
**(51)** Int. Cl.  
**G06F 11/00** ( 2006.01 )  
**(87)** WO2017/069794  
**(31)** 14/920,994 **(32)** 23.10.15 **(33)** US  
**(43)** 27.04.2017  
**(44)** 27.05.2021  
**(72)** Lee, Patrick; Perneti, Vinay; Zhuravlev, Sergey  
**(74)** Spruson & Ferguson

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**PUTHENVEETIL KUNJUKRISHNA MENON, R. see Sawant, A.**  
**(21)** 2019304206

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**(71)** QIK-CONNECT LIMITED  
**(11)** AU-B-2019219758  
**(21)** 2019219758 **(22)** 21.08.2019  
**(54)** ELECTRICAL CONNECTOR  
**(51)** Int. Cl.  
**H01R 9/00** ( 2006.01 )  
**H01R 4/2406** ( 2018.01 )  
**H01R 4/26** ( 2006.01 )  
**H01R 4/50** ( 2006.01 )  
**H01R 9/03** ( 2006.01 )  
**H01R 9/053** ( 2006.01 )  
**H01R 24/00** ( 2011.01 )  
**H01R 24/28** ( 2011.01 )  
**(31)** 748104 **(32)** 07.11.18 **(33)** NZ  
**(43)** 21.05.2020  
**(44)** 27.05.2021  
**(72)** McDermott, Anthony James  
**(74)** James & Wells Intellectual Property

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**(71)** Qingdao Haier Co., Ltd.  
**(11)** AU-B-2018382028  
**(21)** 2018382028 **(22)** 07.12.2018  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 23/10** ( 2006.01 )  
**(87)** WO2019/114628  
**(31)** 201711308454.5 **(32)** 11.12.17 **(33)** CN  
**(43)** 20.06.2019

**(44)** 27.05.2021  
**(72)** CHEN, Jianquan; YANG, Chun; ZHANG, Hao; XIA, Enpin  
**(74)** Shelston IP Pty Ltd.

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2017216909  
**(21)** 2017216909 **(22)** 27.01.2017  
**(54)** On-demand system information block transmission  
**(51)** Int. Cl.  
**H04W 48/12** ( 2009.01 )  
**H04W 48/14** ( 2009.01 )  
**H04W 52/02** ( 2009.01 )  
**(87)** WO2017/139111  
**(31)** 15/242,124 **(32)** 19.08.16 **(33)** US  
**62/293,633** 10.02.16 US  
**(43)** 17.08.2017  
**(44)** 27.05.2021  
**(72)** Tavildar, Saurabha; Ji, Tingfang; Horn, Gavin Bernard; Agarwal, Ravi; Kubota, Keiichi  
**(74)** Madderns Pty Ltd

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2017247162  
**(21)** 2017247162 **(22)** 14.03.2017  
**(54)** Downlink control for demodulation reference signal transmissions  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**H04W 72/08** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**(87)** WO2017/176433  
**(31)** 62/320,047 **(32)** 08.04.16 **(33)** US  
**15/457,900** 13.03.17 US  
**(43)** 12.10.2017  
**(44)** 27.05.2021  
**(72)** Patel, Shimman; Chen, Wanshi; Hosseini, Seyedkianoush; Xu, Hao; Gaal, Peter; Sun, Jing  
**(74)** Madderns Pty Ltd

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2017252175  
**(21)** 2017252175 **(22)** 27.03.2017  
**(54)** Beam reference signal based narrow-band channel measurement and CQI reporting  
**(51)** Int. Cl.  
**H04B 7/0417** ( 2017.01 )  
**H04B 7/06** ( 2006.01 )  
**(87)** WO2017/184303  
**(31)** 15/468,698 **(32)** 24.03.17 **(33)** US  
**62/324,861** 19.04.16 US  
**62/335,630** 12.05.16 US  
**(43)** 26.10.2017  
**(44)** 27.05.2021  
**(72)** Islam, Muhammad Nazmul; Luo, Tao; Sadiq, Bilal; Cezanne, Juergen; Subramanian, Sundar; Li, Junyi  
**(74)** Madderns Pty Ltd

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2017264410  
**(21)** 2017264410 **(22)** 23.03.2017

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(54) Synchronization in wireless communications  
 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
*H04L 5/00* ( 2006.01 )  
 (87) WO2017/196450  
 (31) 62/335,001 (32) 11.05.16 (33) US  
 15/405,997 13.01.17 US  
 (43) 16.11.2017  
 (44) 27.05.2021  
 (72) Ly, Hung Dinh; Soriaga, Joseph Binamira; Ji, Tingfang  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2017264592  
 (21) 2017264592 (22) 05.05.2017  
 (54) Dynamic cyclic prefix (CP) length in wireless communication  
 (51) Int. Cl.  
*H04L 27/26* ( 2006.01 )  
 (87) WO2017/196684  
 (31) 62/334,566 (32) 11.05.16 (33) US  
 15/288,884 07.10.16 US  
 (43) 16.11.2017  
 (44) 27.05.2021  
 (72) Chen, Wanshi; Gaal, Peter; Ji, Tingfang  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2017269958  
 (21) 2017269958 (22) 24.05.2017  
 (54) Sample entries and random access  
 (51) Int. Cl.  
*H04N 21/854* ( 2011.01 )  
*H04N 19/30* ( 2014.01 )  
*H04N 21/2343* ( 2011.01 )  
*H04N 21/845* ( 2011.01 )  
 (87) WO2017/205522  
 (31) 62/340,886 (32) 24.05.16 (33) US  
 15/602,962 23.05.17 US  
 (43) 30.11.2017  
 (44) 27.05.2021  
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**A47L 5/26** ( 2006.01 )

**A47L 5/28** ( 2006.01 )

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**B22F 9/26** ( 2006.01 )

**C01G 3/00** ( 2006.01 )

**C01G 51/00** ( 2006.01 )

**C01G 53/00** ( 2006.01 )

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**C12P 21/04** ( 2006.01 )  
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**C12Q 1/68** ( 2006.01 )  
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**C21C 5/46** ( 2006.01 )  
**C21B 13/00** ( 2006.01 )  
**F27B 3/18** ( 2006.01 )  
**F27D 25/00** ( 2010.01 )  
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<b>2015230094</b>	uniQure IP B.V.	<b>2016222275</b>	Tata Steel Limited
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<b>2015367185</b>	Prometic Bio Therapeutics, Inc.	<b>2016281828</b>	D-Heart S.r.l.
<b>2015367187</b>	IGT Canada Solutions ULC	<b>2016282274</b>	Epiroc Canada Inc.
<b>2015367385</b>	Fundación para la Investigación Médica Aplicada	<b>2016282863</b>	Laboratorios Leon Farma SA
<b>2015374071</b>	Magic Leap, Inc.	<b>2016288678</b>	Vapotherm, Inc.
<b>2015376120</b>	CBMM-Companhia Brasileira de Metalurgia e Mineração	<b>2016292654</b>	Castillo, J.
<b>2015394432</b>	Equinor Energy AS	<b>2016292730</b>	La Marzocco S.r.l.
<b>2015396857</b>	Clic Goggles, Inc.	<b>2016294139</b>	The Climate Corporation
<b>2015397084</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2016295984</b>	Fundación Universidad Católica de Valencia San Vicente Mártir; Universitat de València - Estudi General; Fundació Investigació Hospital General Universitari de València per a la Investigació Biomèdica I Ciències de la Salut; IDCQ Hospitales y Sanidad, S.L.U.
<b>2015399496</b>	BL Technologies, Inc.	<b>2016297575</b>	Boehringer Ingelheim International GmbH; Macrogenics, Inc.
<b>2015401642</b>	Sandvik Intellectual Property AB	<b>2016299830</b>	Agri Advanced Technologies GmbH
<b>2015404411</b>	AMO Development, LLC	<b>2016301247</b>	University of Rochester
<b>2015405062</b>	Halliburton Energy Services, Inc.	<b>2016303022</b>	Roquette Freres
<b>2015406876</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2016306486</b>	The Board of Regents of The University of Texas System
<b>2015407200</b>	Prof. Dr. Claus Bachert BVBA	<b>2016308105</b>	JeniVision Inc.
<b>2015410106</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2016309744</b>	B. Braun Melsungen AG
<b>2016200589</b>	GS Yuasa International Ltd.	<b>2016315396</b>	Laboratorios Del Dr. Esteve, S.A.
<b>2016201665</b>	Stella Industrial Pty Ltd	<b>2016317908</b>	Stryker Corporation
<b>2016201734</b>	Robert Bosch GmbH	<b>2016318231</b>	InvertedPower Pty Ltd
<b>2016202964</b>	The Boeing Company	<b>2016318299</b>	Hunting Energy Services, Inc.
<b>2016203852</b>	Electrolux Professional S.p.A.	<b>2016318967</b>	LifeCell Corporation
<b>2016204965</b>	Westinghouse Air Brake Technologies Corporation	<b>2016319787</b>	BackBeat Medical, LLC
<b>2016205975</b>	Wageningen Universiteit	<b>2016321425</b>	Parabel Nutrition, Inc.
<b>2016207009</b>	Magic Leap, Inc.	<b>2016321839</b>	Stayble Therapeutics AB

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2016322019	TMJ Orthopaedics Pty Ltd	2017223458	Warsaw Orthopedic, Inc.
2016325571	Cummins Power Generation Limited	2017225931	Sulvaris Inc.
2016325663	Professional Dietetics International S.r.l	2017228016	Cryovac, LLC
2016326143	Follica, Inc.	2017228365	Galectin Sciences, LLC
2016331053	Bettcher Industries, Inc.	2017229098	AgroFresh Inc.
2016336151	Faiveley Transport Italia S.p.A.	2017230297	CYTO365 AB
2016336258	Dolby International AB	2017230855	Universität Zürich; Universität Basel
2016337026	Medical Microinstruments S.p.A.	2017234795	Medos International Sarl
2016338478	SICPA HOLDING SA	2017234973	Casale SA
2016339957	Opko Diagnostics, LLC	2017235254	Boos, C.
2016340052	Sherritt International Corporation	2017237262	Utility Composites, Inc.
2016342069	Pure Storage, Inc.	2017238181	The Johns Hopkins University
2016342091	Ojai Retinal Technology, LLC	2017238504	Bristol-Myers Squibb Company
2016342364	Zin, B.; Redcoat Solutions, Inc.	2017241680	Ethicon, Inc.
2016343817	Tarveda Therapeutics, Inc.	2017241801	Oceaneering International, Inc.
2016343938	Bluebeam, Inc.	2017241824	Enlighted, Inc.
2016344360	Daly, T.	2017247162	Qualcomm Incorporated
2016346203	Timber Pharmaceuticals LLC	2017247879	Technische Universität Berlin
2016347689	Tropiglas Technologies Ltd	2017248029	AJO Industrie Sàrl
2016347856	Imperial College Innovations Limited; Fundacio Centre De Regulacio Genomica	2017249441	Rowe, G.
2016352437	CMI Defence S.A.	2017250172	The Alfred E. Mann Foundation for Scientific Research
2016354610	Humanscale Corporation	2017250507	Blaze Bioscience, Inc.
2016355170	Linde Aktiengesellschaft	2017251591	Palintest Limited
2016357926	RQx Pharmaceuticals, Inc.; Genentech, Inc.	2017252175	Qualcomm Incorporated
2016358100	Incyte Corporation	2017256626	Bayer Pharma Aktiengesellschaft
2016364990	NJ Sharing Network	2017256659	Bayer Pharma Aktiengesellschaft
2016365340	Bristol-Myers Squibb Company	2017257211	Bayer Pharma Aktiengesellschaft
2016365585	Fraundorfer, C.	2017263137	Flash Therapeutics
2016366839	Wm. Wrigley Jr. Company	2017263294	Sofar S.p.A.
2016371666	Dematic GmbH	2017264302	Limited "Molecular Technologies"
2016373307	Nexans	2017264410	Qualcomm Incorporated
2016375307	Rollease Acmeda Inc.	2017264592	Qualcomm Incorporated
2016375815	Karl Leibinger Medizintechnik GmbH & Co. KG	2017266951	Biohaven Pharmaceutical Holding Company Ltd.
2016378228	Wuxi Hisky Medical Technologies Co., Ltd.	2017267176	BSN Medical GmbH
2016380149	C.R.Bard, Inc.	2017269142	Twisted Sun Innovations, Inc.
2016381827	Robert Bosch GmbH	2017269958	Qualcomm Incorporated
2016382433	Egg Medical, Inc.	2017271996	Qualcomm Incorporated
2016382463	Mirati Therapeutics, Inc.	2017274298	H&L Tooth Company
2016383111	Superdielectrics Ltd	2017278992	Neurosteer Ltd.
2016385839	Merck Patent GmbH	2017281088	The United States Of America, as represented by the Secretary Department of Health and Human Services; The University of North Carolina at Chapel Hill
2016396157	Halliburton Energy Services, Inc.	2017286094	BASF SE
2016397678	Avent, Inc.	2017293443	PharmaFluidics NV
2016401659	Halliburton Energy Services, Inc.	2017293863	Cargill, Incorporated
2016401884	Alcon Inc.	2017299226	Cipher Surgical Limited
2016405637	Certis Cisco Security Pte Ltd	2017299374	Servier IP UK Limited
2016421105	Emco Water Patent GmbH	2017299850	University Health Network
2016429038	Lim, C.	2017301310	Idemitsu Kosan Co., Ltd
2017200283	The Boeing Company	2017302136	Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.
2017200528	Watkins Manufacturing Corporation	2017305176	The Wistar Institute of Anatomy and Biology
2017203518	Deka Australia Pty Ltd	2017306270	Johnson & Johnson Vision Care, Inc.
2017203909	Seminis Vegetable Seeds, Inc.	2017307324	Ultrahaptics IP Limited
2017204531	Adobe Inc.	2017310255	The University of Newcastle
2017205100	Genting TauRx Diagnostic Centre Sdn Bhd	2017311253	Eaton Intelligent Power Limited
2017205265	Haldor Topsøe A/S	2017311645	Pfizer Inc.
2017206290	Adobe Inc.	2017314145	Bigben Interactive SA
2017206779	Pepper, S.; Speaker, J.	2017315246	Fuchs Petrolub SE
2017207757	Innate Tumor Immunity, Inc.	2017319781	Mapi Pharma Ltd.
2017209538	Zilles, R.; Jürges, L.	2017332789	The USA, As Represented By The Secretary, Dept. Of Health And Human Services; Codagenix, Inc.
2017210878	De Greef's Wagen-, Carrosserie- en Machinebouw B.V.	2017336072	Qualcomm Incorporated
2017211081	Kronos International, Inc.	2017343734	Kager, G.
2017212310	Medtronic Holding Company Sàrl	2017353381	Sanofi
2017212551	Axonics Modulation Technologies, Inc.	2017375728	Bracco Imaging SpA
2017213129	De Staat der Nederlanden, Vert. Door de Minister Van Vws Ministerie Van Volksgezondheid Welzijn en Sport	2017377309	Otsuka Pharmaceutical Factory, Inc.
2017214679	Huwais IP Holding LLC	2017389819	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2017216909	Qualcomm Incorporated	2017391378	Huawei Technologies Co., Ltd.
2017217454	The Brigham and Women's Hospital, Inc.; Massachusetts Eye and Ear Infirmary	2017407829	Baker Hughes Holdings, LLC
2017219695	Clement Clarke International Ltd	2017409499	Creative Biosciences (Guangzhou) Co., Ltd.
2017222948	Eyeserv GmbH		
2017223373	Caterpillar Inc.		

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2017415194	Guangzhou Xaircraft Technology Co., Ltd.	2018335764	Continental Automotive Systems, Inc.
2017417125	Huawei Technologies Co., Ltd.	2018336568	W. L. Gore & Associates, Inc.
2017417628	Lei, Z.; Lei, X.	2018337633	The NOCO Company
2017421071	China University of Mining and Technology	2018338119	ZHU, A.
2017422091	Huawei Technologies Co., Ltd.	2018339256	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017423229	Berker GmbH & Co. KG	2018340591	Vetco Gray Scandinavia AS
2017424961	Halliburton Energy Services, Inc.	2018340867	The University of Sydney
2017425235	Metalogenia Research & Technologies, S.L.	2018340945	JX Nippon Mining & Metals Corporation
2017438850	DDS Patente + Lizenzen AG	2018342072	Zogenix International Limited
2017440897	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018346746	Telefonaktiebolaget LM Ericsson (publ)
2017441729	Huawei Technologies Co., Ltd.	2018348400	Stryker European Operations Limited
2018205364	Milwaukee Electric Tool Corporation	2018352730	Teague, P.; Stewart, A.
2018206358	Apitope International NV	2018352823	Zhejiang Double Arrow Rubber Co., Ltd
2018218557	Novartis AG	2018353814	ELI TECHNOLOGY INC.
2018218588	AltRegen Co., Ltd.	2018354382	Ecolab USA Inc.
2018222995	The Rockefeller University	2018357174	Kingfa Sci. & Tech. Co., Ltd.
2018223811	Urigen N.A.	2018359289	Mitsubishi Heavy Industries Engineering, Ltd.
2018225485	TearSolutions, Inc.; University of Virginia Patent Foundation, D/B/A University of Virginia Licensing & Ventures Group	2018366416	Huawei Technologies Co., Ltd.
2018225950	The Yokohama Rubber Co., Ltd.	2018368331	Colgate-Palmolive Company
2018227805	J. Ray McDermott, S.A.	2018370642	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018228491	Indorama Ventures Oxides LLC	2018382028	Qingdao Haier Co., Ltd.
2018230518	SharkNinja Operating LLC	2018383334	Buckyol Limited
2018233126	Vetco Gray Scandinavia AS	2018385254	Vetco Gray Scandinavia AS
2018239744	LG Electronics Inc.	2018390715	ExxonMobil Upstream Research Company
2018241075	Takeda Pharmaceutical Company Limited	2018393935	Waymo LLC
2018242048	NEC Corporation	2018395918	Colgate-Palmolive Company
2018250627	Baker Hughes Holdings, LLC	2018396895	Guangzhou Cellprotek Pharmaceutical Co., Ltd.
2018251489	LG Electronics Inc.	2018400804	General Electric Company
2018254604	bioMerieux, Inc.	2018400836	NEC Corporation
2018256545	AxiomX, Inc.	2018409723	Mitsubishi Heavy Industries, Ltd.
2018257610	Baker Hughes Holdings, LLC	2018412386	Jiangnan University
2018258828	GEA TDS GmbH	2018422116	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2018264112	Invisible Sentinel, Inc.	2018426277	Siemens Aktiengesellschaft
2018264606	Samsung Heavy Ind.Co., Ltd	2019201293	Janssen Biotech, Inc.
2018269927	Apex Industrial Technologies LLC	2019201547	3M Innovative Properties Company
2018272688	Cellular Biomedicine Group (Shanghai) Ltd.; Cellular Biomedicine Group (Wuxi) Ltd.	2019201686	Rowan University
2018275936	Komatsu Ltd.	2019201727	FREEZIO AG
2018276618	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.	2019202451	Genesis Technologies Limited
2018277966	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.	2019202452	Fractyl Laboratories, Inc.
2018277967	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.	2019202472	Sony Corporation
2018278850	Children's Medical Center Corporation	2019202582	Translate Bio, Inc.; Ethris GmbH
2018279551	Huawei Technologies Co., Ltd.	2019202643	H. Lundbeck A/S; The University of Iowa Research Foundation
2018280094	Einhell Germany AG	2019202700	Anpac Bio-Medical Science Co., Ltd.
2018284901	Huawei Technologies Co., Ltd.	2019202825	TAE TECHNOLOGIES, INC.
2018285616	Honeywell International Inc.	2019202867	Accenture Global Solutions Limited
2018287166	Metso Sweden AB	2019203171	Holley Performance Products Inc.
2018292239	ELC Management LLC	2019203181	Cour Pharmaceuticals Development Company
2018292538	Scholle IPN Corporation	2019203364	Transverse Medical, Inc.
2018292873	Inventio AG	2019203491	Verinata Health, Inc.
2018293337	Gullick, C.	2019203729	LG Electronics Inc.
2018293703	Inventio AG	2019203926	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2018308312	Chong Kun Dang Pharmaceutical Corp.	2019203976	Prothena Biosciences Limited
2018308919	Welltec Oilfield Solutions AG	2019204197	Otsuka Pharmaceutical Co., Ltd.
2018310881	Novartis AG	2019204209	H. Lundbeck A/S; The University of Iowa Research Foundation
2018311360	Poli MD S.r.l.	2019204243	Jain Irrigation Systems Limited
2018312816	Merus N.V.	2019204330	OR Technologies Pty Ltd
2018312983	Snap-on Incorporated	2019204375	Institute for Basic Science; Seoul National University R&DB Foundation; AICT
2018314471	Beijing Joekai Biotech. LLC	2019204506	Pesense Pty Ltd
2018323950	CONMED Corporation	2019204545	Linde Aktiengesellschaft
2018324134	Daikin Industries, Ltd.	2019204586	AGENUS INC.; LUDWIG INSTITUTE FOR CANCER RESEARCH LTD; MEMORIAL SLOAN KETTERING CANCER CENTER
2018327254	American Superconductor Corporation	2019204746	Google LLC
2018329522	Japan Cash Machine Co., Ltd.	2019204816	Fisher & Paykel Healthcare Limited
2018329827	ConMed Corporation	2019204845	Telefonaktiebolaget LM Ericsson (publ)
2018335077	Raytheon Company		
2018335282	The NOCO Company		

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<b>2019204862</b>	The Arizona Board of Regents on Behalf of the University of Arizona	<b>2019301232</b>	Airbus Defence and Space Limited; Airbus Defence and Space SAS
<b>2019205267</b>	Illumina, Inc.	<b>2019304206</b>	Sawant, A.; PUTHENVEETIL KUNJUKRISHNA MENON, R.
<b>2019206299</b>	Northrop Grumman Systems Corporation	<b>2019310830</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2019208148</b>	B&L Biotech, Inc.; Lee, I.	<b>2019311391</b>	Sawant, A.; Doshi, H.
<b>2019208265</b>	LG Electronics Inc.	<b>2019312457</b>	Siemens Energy Global GmbH & Co. KG
<b>2019210599</b>	L. & A. FAZZINI MANUFACTURING PTY LTD	<b>2019333833</b>	Huawei Technologies Co., Ltd.
<b>2019210688</b>	Vertex Pharmaceuticals Incorporated	<b>2019365063</b>	Kohler, R.
<b>2019213313</b>	Magic Leap, Inc.	<b>2019371748</b>	INTUIT INC.
<b>2019216643</b>	Allergan Industrie, SAS	<b>2019382117</b>	Zanoprima Lifesciences Limited
<b>2019219732</b>	Capenecas, J.	<b>2019386603</b>	Intuit Inc.
<b>2019219758</b>	QIK-CONNECT LIMITED	<b>2019403819</b>	Zebra Technologies Corporation
<b>2019219807</b>	Fisher & Paykel Healthcare Limited	<b>2019419376</b>	Jand, Inc.
<b>2019219855</b>	Fisher & Paykel Healthcare Limited	<b>2019419888</b>	Intuit Inc.
<b>2019219858</b>	Outotec (Finland) Oy	<b>2019422010</b>	Intuit Inc.
<b>2019222796</b>	Fisher & Paykel Healthcare Limited	<b>2019440175</b>	China University of Mining and Technology
<b>2019222816</b>	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; CLINICAL GENOMICS PTY LTD	<b>2020200147</b>	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
<b>2019226114</b>	Cohda Wireless Pty Ltd	<b>2020200218</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2019226140</b>	FUJIFILM Business Innovation Corp.	<b>2020200281</b>	Boston Scientific Scimed, Inc.
<b>2019226233</b>	BLY IP Inc.	<b>2020200339</b>	Apple Inc.
<b>2019226251</b>	Video Gaming Technologies, Inc.	<b>2020200728</b>	Verinata Health, Inc.
<b>2019231059</b>	Nippon Telegraph and Telephone Corporation	<b>2020200744</b>	MannKind Corporation
<b>2019232816</b>	Mars, Incorporated	<b>2020201065</b>	Yuan Mei Corp.
<b>2019233207</b>	Fujian Haixi Pharmaceuticals Co., Ltd	<b>2020201077</b>	Nobel Biocare Services AG
<b>2019236599</b>	ExploraMed NC7, Inc.	<b>2020201111</b>	CEM Corporation
<b>2019236633</b>	Seowon University Institute of Industry - Academy Collaboration	<b>2020201236</b>	Glaukos Corporation
<b>2019236687</b>	Velox-PureDigital Ltd.	<b>2020201676</b>	HYTECON AG
<b>2019236722</b>	Sonos, Inc.	<b>2020201783</b>	Slingshot Biosciences, Inc.
<b>2019236723</b>	Tyco Safety Products Canada Ltd.	<b>2020202330</b>	DEKA Products Limited Partnership
<b>2019238568</b>	Mihaljevic, A.	<b>2020202331</b>	Gilead Sciences, Inc.
<b>2019240721</b>	ARIAD Pharmaceuticals, Inc.	<b>2020202382</b>	ExploraMed NC7, Inc.
<b>2019246768</b>	ServiceNow, Inc.	<b>2020202402</b>	Boehringer Ingelheim Vetmedica GmbH
<b>2019246802</b>	Yale University	<b>2020202844</b>	Ecolab USA Inc.
<b>2019250165</b>	ChargePoint Technology Limited	<b>2020202963</b>	NuVasive, Inc.
<b>2019253844</b>	Accenture Global Solutions Limited	<b>2020202993</b>	NELSON IRRIGATION CORPORATION
<b>2019257017</b>	Kenko Life Corporation	<b>2020203469</b>	Medtronic Minimed, Inc.
<b>2019257457</b>	F. Hoffmann-La Roche AG	<b>2020203569</b>	OpenTV, Inc.
<b>2019257568</b>	Northrop Grumman Systems Corporation	<b>2020203633</b>	Komatsu Ltd.
<b>2019260156</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2020203647</b>	Carnival Corporation
<b>2019261701</b>	Beijing 7Invensun Technology Co., Ltd.	<b>2020203689</b>	Wing Aviation LLC
<b>2019261724</b>	CSIdentity Corporation	<b>2020203791</b>	Covidien LP
<b>2019261785</b>	Becton Dickinson and Company Limited	<b>2020203815</b>	Apple Inc.
<b>2019261847</b>	Fresenius Medical Care Holdings, Inc.	<b>2020203977</b>	President and Fellows of Harvard College
<b>2019265570</b>	CareFusion 303, Inc.	<b>2020204370</b>	Guangdong University of Technology
<b>2019271957</b>	Takano, M.	<b>2020204470</b>	Ampsource Biotech (Shanghai) Inc.
<b>2019271990</b>	Alcon Inc.	<b>2020205233</b>	Sony Corporation
<b>2019272017</b>	Biogen MA Inc.	<b>2020207814</b>	Cartiva, Inc.
<b>2019272057</b>	Codexis, Inc.	<b>2020210294</b>	Square, Inc.
<b>2019272339</b>	Raytheon Company	<b>2020210316</b>	Thru Tubing Solutions, Inc.
<b>2019277220</b>	Curiouser Products Inc.	<b>2020220095</b>	Jhunjhunwala, S.
<b>2019280032</b>	Komatsu Ltd.	<b>2020220137</b>	The Board of Regents of the University of Texas System; Noninvasix, Inc.
<b>2019280095</b>	AMO Development, LLC	<b>2020227057</b>	Board of Regents of The University of Texas System
<b>2019283876</b>	eXlithera Pharmaceuticals Inc.	<b>2020228071</b>	Whitecoat Operating Pty Limited
<b>2019283940</b>	Lummus Corporation	<b>2020239709</b>	Google LLC
<b>2019283941</b>	Perfecrete Pty Ltd	<b>2020244436</b>	NEC Platforms, Ltd.
<b>2019283957</b>	Vomaris Innovations, Inc.	<b>2020267199</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2019283994</b>	Dart Neuroscience (Cayman) Ltd.	<b>2020323954</b>	Parasym Pty Ltd
<b>2019284045</b>	Guangdong Wireking Commercial Co., Ltd.	<b>2020335017</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2019284063</b>	Precision Planting LLC	<b>2021200091</b>	City of Hope
<b>2019284087</b>	Fresenius Medical Care Holdings, Inc.	<b>2021200502</b>	AFT Pharmaceuticals Ltd
<b>2019284091</b>	Behr Process Corporation	<b>2021202633</b>	DEKA Products Limited Partnership
<b>2019284101</b>	Suntory Holdings Limited		
<b>2019284111</b>	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT		
<b>2019284137</b>	Hanwha Corporation		
<b>2019284158</b>	Hanwha Corporation		
<b>2019287792</b>	T-Mobile USA, Inc.		
<b>2019298342</b>	Arjil Biotech Holding Company Limited		

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<b><u>A01C 7 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A61B 17 /-</u></b>	2016318967	2017256659
2019284063	2019311391	2018412386	2015336928	2016322019	2017257211
<b><u>A01D 34 /-</u></b>	<b><u>A22B 5 /-</u></b>	<b><u>A45D 42 /-</u></b>	2015407200	2016380149	2017264302
2019208265	2016331053	2019277220	2016306486	2017223458	2017266951
<b><u>A01D 75 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A45D 44 /-</u></b>	2016317908	2018323950	2017281088
2019208265	2016331053	2019277220	2016326143	2018329827	2017299850
<b><u>A01H 4 /-</u></b>	<b><u>A23C 3 /-</u></b>	<b><u>A46B 15 /-</u></b>	2017212310	2019203364	2017302136
2017203909	2018258828	2018368331	2017214679	2019271990	2017353381
<b><u>A01H 5 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A46B 3 /-</u></b>	2017223458	2020207814	2017389819
2017203909	2019236599	2018230518	2017234795	<b><u>A61F 5 /-</u></b>	2018223811
2019204375	<b><u>A23F 3 /-</u></b>	<b><u>A46B 9 /-</u></b>	2017235254	2016292654	2018308312
<b><u>A01J 5 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A47B 47 /-</u></b>	2017241680	<b><u>A61F 9 /-</u></b>	2018311360
2019236599	2019284101	2018368331	2018329827	2015404411	2018314471
<b><u>A01K 45 /-</u></b>	<b><u>A23G 4 /-</u></b>	<b><u>A47B 57 /-</u></b>	2020203791	2016342091	2018342072
2016299830	2016366839	2019284045	2020227057	2016401884	2018396895
<b><u>A01K 67 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A47B 81 /-</u></b>	<b><u>A61B 18 /-</u></b>	2019280095	2019202582
2015364427	2016321425	2019219732	2016326143	2020201236	2019202643
<b><u>A01M 1 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47B 88 /-</u></b>	2018348400	<b><u>A61G 12 /-</u></b>	2019203181
2016342364	2017293863	2016354610	2020200281	2016354610	2019210688
2019204506	2018412386	<b><u>A47D 1 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61H 1 /-</u></b>	2019233207
<b><u>A01N 1 /-</u></b>	<b><u>A23L 2 /-</u></b>	2018293337	2016337026	2019257017	2019246802
2018272688	2019284101	<b><u>A47F 11 /-</u></b>	2016401884	<b><u>A61J 1 /-</u></b>	2019257457
<b><u>A01N 25 /-</u></b>	<b><u>A23L 27 /-</u></b>	2019277220	2020203791	2019261785	2019283876
2021200502	2019284101	<b><u>A47G 1 /-</u></b>	2020227057	<b><u>A61J 15 /-</u></b>	2019283994
<b><u>A01N 31 /-</u></b>	<b><u>A23L 29 /-</u></b>	2019277220	<b><u>A61B 5 /-</u></b>	2016397678	2019298342
2019311391	2018412386	<b><u>A47J 31 /-</u></b>	2015407200	<b><u>A61J 7 /-</u></b>	2020202331
<b><u>A01N 33 /-</u></b>	<b><u>A23L 3 /-</u></b>	2016292730	2016250749	<b><u>A61K 31 /-</u></b>	2020202402
2017229098	2016355170	<b><u>A47L 5 /-</u></b>	2016281828	2019261785	2021200502
2021200502	2018258828	2018230518	2016339957	<b><u>A61K 33 /-</u></b>	
<b><u>A01N 37 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47L 9 /-</u></b>	2017205100	2016226250	2016226250
2017229098	2017263294	2017277220	2017219695	2016227883	2018223811
<b><u>A01N 39 /-</u></b>	2017293863	<b><u>A47M 1 /-</u></b>	2017247879	<b><u>A61K 35 /-</u></b>	
2021200502	2018218588	2019231059	2017278992	2015271608	2015271652
<b><u>A01N 55 /-</u></b>	<b><u>A23L 5 /-</u></b>	2019277220	2018368331	2015271652	2015337800
2021200502	2017293863	<b><u>A47N 1 /-</u></b>	2019231059	2016205975	2016221305
<b><u>A01N 59 /-</u></b>	<b><u>A23N 12 /-</u></b>	2016306486	2019277220	2016364990	2016221305
2019311391	2016321425	2017299226	<b><u>A61B 6 /-</u></b>	2017263294	2018218588
		2020200281	2016281828	2018218588	2019236633
		<b><u>A61B 10 /-</u></b>	2016382433	2019202451	2019298342
		2015407200	<b><u>A61B 8 /-</u></b>	<b><u>A61K 36 /-</u></b>	
			2016378228	2018218588	
			2018368331	2019236633	
			<b><u>A61B 90 /-</u></b>	2019298342	
			2016295984		
			2016301247		
			2016308105		
			2016315396		
			2016321839		
			2016325663		
			2016357926		
			2016358100		
			2016365340		
			<b><u>A61C 5 /-</u></b>		
			2019208148		
			<b><u>A61C 8 /-</u></b>		
			2016306486		
			2016337026		
			2016321839		
			2016325663		
			2016357926		
			2016358100		
			2016382463		
			2016385839		
			2017207757		
			2017213129		
			2020201077		
			<b><u>A61F 2 /-</u></b>		
			2016375815		
			2020201077		
			2017213129		
			2017238504		
			2017256626		

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2019202643	2016303022	<b>A61M 35/-</b>	2018340867	<b>A61P 5/-</b>	
2019246802	2016308105		2018342072		<b>B01D 29/-</b>
2020200744	2016346203	2015407200	2019283994	2020204470	2019219858
2020204470	2017299374	2016326143			
<b>A61K 39/-</b>	2017319781	<b>A61M 37/-</b>	<b>A61P 27/-</b>	<b>A61P 9/-</b>	<b>B01D 33/-</b>
	2018225485		2017256626	2016233257	2019219858
2015240749	2018311360	2015407200	2017256659	2016365340	
2015310909	2019203181	2016326143	2017257211	2017256626	<b>B01D 47/-</b>
2015330971	2019246802		2018206358	2017256659	2018359289
2015342968	2020200744	<b>A61M 39/-</b>	2018225485	2017257211	
2016220535	2021200502		2019204209	2018314471	
2016264725		2016309744		2018396895	<b>B01D 53/-</b>
2016297575	<b>A61L 101/-</b>	2017230297	<b>A61P 29/-</b>	2020204470	
2016364990	2021200502	2019204816			2017248029
2017302136		2019219855	2015320341	<b>A61Q 1/-</b>	2018359289
2017332789	<b>A61L 15/-</b>	2019222796	2016325663		
2018206358		2019261847	2019236633	2018292239	<b>B01F 1/-</b>
2018218557	2016339957	<b>A61M 5/-</b>	<b>A61P 3/-</b>	<b>A61Q 17/-</b>	
2018222995	2017267176				2018354382
2018308312		2015407200	2015271608	2021200502	<b>B01F 15/-</b>
2019202643	<b>A61L 2/-</b>	2016250749	2016232448		
2019203181		2016326143	2016233257	<b>A61Q 19/-</b>	2018354382
2019203976	2020201676	2017230297	2019257457		
2019204209	2021200502	2019265570	2020200744	2016346203	<b>B01F 3/-</b>
<b>A61K 45/-</b>	<b>A61L 27/-</b>	2020203469	2020204470	2018395918	2015399496
		<b>A61M 60/-</b>	<b>A61P 31/-</b>	2019216643	2017310255
2016301247	2015271608			2019236633	
2018310881	2016318967	2021202633	2016301247	<b>A61Q 5/-</b>	<b>B01F 7/-</b>
2018342072	2016383111		2016357926		
<b>A61K 47/-</b>	2017217454	<b>A61N 1/-</b>	2016358100	2018292239	2017212310
	2019216643		2017213129		
2015342969	2020207814	2016319787	2019236633	<b>A62B 7/-</b>	<b>B01J 19/-</b>
2015367185	<b>A61M 1/-</b>	2017212551	2020202331	2019219855	2016421105
2016303022		2020323954	2021200502	2019222796	2017293443
2017250507	2019201547	<b>A61P 1/-</b>			2020201676
2018311360	2019261847		<b>A61P 35/-</b>	<b>A63B 23/-</b>	
2020204470	2019284087	2019202643	2015357122	2019257017	<b>B01J 21/-</b>
2021200502	2020202330	2019257457	2016232910		2017248029
<b>A61K 48/-</b>	2020202382		2016295984	<b>A63B 24/-</b>	
	2021202633	<b>A61P 11/-</b>	2016343817		<b>B01J 23/-</b>
2015367385	<b>A61M 13/-</b>		2016358100	2017209538	2017248029
2016232910		2017302136	2016382463	<b>A63B 37/-</b>	
2017222948	2019219855	2020202402	2016385839		<b>B01J 29/-</b>
2017305176	2019222796	<b>A61P 15/-</b>	2017207757	2017209538	
2019202643			2017238504		2018276618
2020203977	<b>A61M 16/-</b>	2016282863	2017256626	<b>A63B 43/-</b>	2018277966
		2017389819	2017256659		2018277967
<b>A61K 49/-</b>	2016288678	<b>A61P 17/-</b>	2017257211	2017209538	
	2016292654		2017281088		<b>B01J 35/-</b>
2015352418	2017219695	2018311360	2017299850	<b>A63B 69/-</b>	
2016364990	2019204816	2019236633	2017311645		2017248029
2017375728	2019219807	<b>A61P 19/-</b>	2019204209	2017200528	2018277967
<b>A61K 51/-</b>	2019219855		2019210688		
	2019222796	2015315829	2019233207	<b>A63F 13/-</b>	<b>B01J 37/-</b>
2017238181	2020267199	2016321839	<b>A61P 37/-</b>		
<b>A61K 8/-</b>	<b>A61M 25/-</b>	2017264302		2015367187	2017248029
		2017353381	2015330971	2017314145	
2018292239	2016309744	<b>A61P 25/-</b>	2016221305	<b>A63G 25/-</b>	<b>B01J 8/-</b>
2018395918	2018336568		2016264725		2017234973
2019216643	2019202452	2015230972	2017256626	2017241801	
2019236633	<b>A61M 29/-</b>	2015271652	2017256659	<b>A63G 31/-</b>	<b>B01L 3/-</b>
<b>A61K 9/-</b>		2015337800	2017257211		2017293443
	2016292654	2016315396	2017319781	2017241801	
2015330971	<b>A61M 3/-</b>	2017319781	<b>A61P 43/-</b>		<b>B01L 7/-</b>
2015342968		2018310881		<b>A63H 33/-</b>	
2015342969	2017299226	2018314471	2016227883		2019205267
2016301247				2015277568	

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<b><u>B02C 17 /-</u></b>	<b><u>B24B 57 /-</u></b>	2018292538 2019219855 2019222796	<b><u>B60T 17 /-</u></b>	<b><u>B63B 7 /-</u></b>	<b><u>B65H 29 /-</u></b>
2017211081	2016201665		2016336151	2017206779	2018329522
<b><u>B02C 21 /-</u></b>	<b><u>B24C 9 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B60W 20 /-</u></b>	<b><u>B63H 21 /-</u></b>	<b><u>B65H 5 /-</u></b>
2017211081	2016201665	2018338119 2019219855 2019222796	2016318231	2018327254	2018329522
<b><u>B03D 1 /-</u></b>	<b><u>B25B 13 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B60W 40 /-</u></b>	<b><u>B64C 1 /-</u></b>	<b><u>B66B 1 /-</u></b>
2016344360	2020201077	2018393935	2018393935	2018409723	2018293703
<b><u>B05B 1 /-</u></b>	<b><u>B25B 15 /-</u></b>	2019219855 2019222796 2020220095	<b><u>B60W 50 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B66B 19 /-</u></b>
2019271957 2020201065	2020201077	<b><u>B32B 7 /-</u></b>	2019261701	2016365585	2018292873
<b><u>B05B 12 /-</u></b>	<b><u>B25B 25 /-</u></b>	2018292538	<b><u>B61C 17 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B66B 9 /-</u></b>
2019271957	2016267396	<b><u>B33Y 10 /-</u></b>	2016242115	2017200283 2020203689	2018292873
<b><u>B05B 3 /-</u></b>	<b><u>B25B 27 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B61C 9 /-</u></b>	<b><u>B64D 27 /-</u></b>	<b><u>B66C 13 /-</u></b>
2020201065 2020202993	2016269836	2018412386	2016242115	2018409723	2018227805
<b><u>B05B 9 /-</u></b>	<b><u>B25J 11 /-</u></b>	<b><u>B33Y 30 /-</u></b>	<b><u>B61L 23 /-</u></b>	<b><u>B65B 11 /-</u></b>	<b><u>B66C 23 /-</u></b>
2019208265	2019208265	2016260790	2016204965	2017228016	2018227805
2020201065	<b><u>B25J 15 /-</u></b>	<b><u>B33Y 50 /-</u></b>	<b><u>B61L 25 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>B66F 9 /-</u></b>
<b><u>B05D 3 /-</u></b>	2020335017	2016260790	2016204965	2017228016	2016266057
2016338478	<b><u>B25J 5 /-</u></b>	<b><u>B41F 17 /-</u></b>	<b><u>B62D 11 /-</u></b>	2017228016	<b><u>B67D 1 /-</u></b>
<b><u>B05D 5 /-</u></b>	2019208265	2019236687	2020203633	<b><u>B65B 41 /-</u></b>	2019201727
2016338478	<b><u>B25J 9 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B62D 12 /-</u></b>	2017228016	<b><u>C01B 32 /-</u></b>
<b><u>B07C 5 /-</u></b>	2016337026 2019208265 2020335017	2019236687	2020203633	<b><u>B65B 43 /-</u></b>	2018359289
2017210878	<b><u>B26B 25 /-</u></b>	<b><u>B41J 23 /-</u></b>	<b><u>B62D 13 /-</u></b>	2017228016	<b><u>C01B 37 /-</u></b>
<b><u>B08B 3 /-</u></b>	2019236687	2019236687	2018335764	<b><u>B65B 51 /-</u></b>	2018276618
2019271957 2019365063	2016331053	<b><u>B41M 3 /-</u></b>	<b><u>B62D 25 /-</u></b>	2017228016	<b><u>C01B 39 /-</u></b>
<b><u>B21F 15 /-</u></b>	<b><u>B26B 7 /-</u></b>	2016238641	2017223373	<b><u>B65D 30 /-</u></b>	2018277967
2016267396	2016331053	<b><u>B42D 25 /-</u></b>	<b><u>B62D 33 /-</u></b>	2016201665	<b><u>C01F 11 /-</u></b>
<b><u>B21F 7 /-</u></b>	<b><u>B27B 1 /-</u></b>	2016238641 2016338478	2017223373	<b><u>B65D 33 /-</u></b>	2019284111
2016267396	2016280249	<b><u>B60L 50 /-</u></b>	<b><u>B62D 6 /-</u></b>	2016201665	<b><u>C01F 5 /-</u></b>
<b><u>B22F 1 /-</u></b>	<b><u>B27M 3 /-</u></b>	2018335282	2020203633	<b><u>B65D 65 /-</u></b>	2019284111
2018400804	2016280249	<b><u>B60P 1 /-</u></b>	<b><u>B63B 27 /-</u></b>	2018292538	<b><u>C01G 23 /-</u></b>
<b><u>B22F 9 /-</u></b>	<b><u>B29C 48 /-</u></b>	2018287166	2018227805	<b><u>B65D 88 /-</u></b>	2017211081
2016340052 2018400804	2019204243	<b><u>B60P 3 /-</u></b>	<b><u>B63B 32 /-</u></b>	2016201665	<b><u>C01G 3 /-</u></b>
<b><u>B23K 20 /-</u></b>	<b><u>B29C 67 /-</u></b>	2019226233	2017206779	2018269927	<b><u>C01G 51 /-</u></b>
2018422116	2016260790	<b><u>B60R 13 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65G 1 /-</u></b>	2016340052
<b><u>B23K 35 /-</u></b>	<b><u>B32B 1 /-</u></b>	2018287166	2017206779	<b><u>B65G 11 /-</u></b>	2016340052
2019204545	2018292538	<b><u>B60T 1 /-</u></b>	<b><u>B63B 43 /-</u></b>	2015401642	<b><u>C01G 53 /-</u></b>
<b><u>B24B 55 /-</u></b>	<b><u>B32B 15 /-</u></b>	2016242115	2017206779	<b><u>B65G 15 /-</u></b>	2016340052
2016201665	2018292538	<b><u>B60T 13 /-</u></b>	<b><u>B63B 5 /-</u></b>	2018225950 2018352823	<b><u>C02F 1 /-</u></b>
	<b><u>B32B 27 /-</u></b>	2016336151	2016244224		2016215637 2016235905

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2020201676	<b>C02F 103 /-</b>	2017257211 2017389819 2019382117 2020202331	2017353381 2019283994	2018206358 2018340867	<b>C09D 133 /-</b> 2019284091
2016215637	<b>C02F 3 /-</b>	2016344360	<b>C07F 15 /-</b>	<b>C07K 9 /-</b>	<b>C09D 135 /-</b> 2019284091
2015399496	<b>C02F 5 /-</b>	2018383334	20162226250	2015271608	2019284091
2016215637	<b>C04B 111 /-</b>	<b>C07C 35 /-</b>	<b>C07D 403 /-</b>	<b>C08B 37 /-</b>	<b>C09D 163 /-</b> 2019284091
2019284111	<b>C04B 18 /-</b>	2016315396 2016365340 2016385839 2017238504 2019272017	2017213129 2017302136	2019216643	2019284091
2019284111	<b>C04B 41 /-</b>	<b>C07D 205 /-</b>	<b>C07H 21 /-</b>	<b>C08F 2 /-</b>	<b>C09D 5 /-</b> 2019284091
2019284111	<b>C05B 7 /-</b>	<b>C07D 207 /-</b>	2017207757 2020203977	2016383111	2016401659 2018228491
2017225931	<b>C05D 11 /-</b>	2018314471	<b>C07H 5 /-</b>	<b>C08F 226 /-</b>	<b>C09K 8 /-</b>
2017225931	<b>C05D 9 /-</b>	<b>C07D 211 /-</b>	2017228365	2016383111	2018225950
2019304206	<b>C05G 1 /-</b>	2016382463 2019233207	<b>C07K 1 /-</b>	<b>C08F 236 /-</b>	<b>C10J 3 /-</b> 2020204370
2017225931	<b>C07C 17 /-</b>	<b>C07D 213 /-</b>	2016321425 2018241075	2017306270	<b>C10L 1 /-</b> 2017301310 2017310255
2016344360	<b>C07C 269 /-</b>	<b>C07D 233 /-</b>	<b>C07K 14 /-</b>	<b>C08G 63 /-</b>	<b>C11C 3 /-</b> 2016258208
2018228491	<b>C07C 271 /-</b>	2015230972	2015325012 2016297575 2016343817 2016347856 2017222948 2017230855 2017250507 2017263137 2017305176 2017319781 2017332789 2018206358 2020204470 2021200091	2015342969 2018357174	<b>C12G 3 /-</b> 2017438850
2018228491	<b>C07C 29 /-</b>	<b>C07D 239 /-</b>	<b>C07K 16 /-</b>	<b>C08J 7 /-</b>	<b>C12H 1 /-</b> 2017438850
2017205265 2018383334	<b>C07C 291 /-</b>	2016365340 2016385839 2019210688 2019272017	2015297347 2015315829 2015323860 2015357122 2016297575 2018218557 2018241075 2018312816 2019203976 2019204209 2019204586 2021200091	2015342969	<b>C12M 1 /-</b> 2019283957
2016344360	<b>C07C 31 /-</b>	<b>C07D 241 /-</b>	<b>C07K 17 /-</b>	<b>C08K 3 /-</b>	<b>C12N 1 /-</b> 2016232910 2018241075
2017205265		<b>C07D 245 /-</b>	2018241075	<b>C08K 5 /-</b>	<b>C12N 15 /-</b> 2015208247 2015230094 2015297347 2015350120 2015364427 2015367385 2016232910 2016264725 2016297575 2017263137 2017409499 2018241075 2018278850 2019202451 2019204375 2020203977 2021200091
		<b>C07D 247 /-</b>	<b>C07K 19 /-</b>	<b>C08L 3 /-</b>	
		<b>C07D 249 /-</b>	2015330971 2015358373	<b>C08L 5 /-</b>	
		<b>C07D 257 /-</b>	<b>C07K 2 /-</b>	<b>C08L 67 /-</b>	
		<b>C07D 259 /-</b>	2017319781	<b>C08L 9 /-</b>	
		<b>C07D 263 /-</b>	<b>C07K 7 /-</b>	<b>C09D 1 /-</b>	
		<b>C07D 265 /-</b>	2017319781	<b>C09D 127 /-</b>	
		<b>C07D 269 /-</b>			
		<b>C07D 277 /-</b>			
		<b>C07D 287 /-</b>			
		<b>C07D 291 /-</b>			
		<b>C07D 293 /-</b>			
		<b>C07D 295 /-</b>			
		<b>C07D 297 /-</b>			
		<b>C07D 299 /-</b>			
		<b>C07D 301 /-</b>			
		<b>C07D 303 /-</b>			
		<b>C07D 305 /-</b>			
		<b>C07D 307 /-</b>			
		<b>C07D 309 /-</b>			
		<b>C07D 311 /-</b>			
		<b>C07D 313 /-</b>			
		<b>C07D 315 /-</b>			
		<b>C07D 317 /-</b>			
		<b>C07D 319 /-</b>			
		<b>C07D 321 /-</b>			
		<b>C07D 323 /-</b>			
		<b>C07D 325 /-</b>			
		<b>C07D 327 /-</b>			
		<b>C07D 329 /-</b>			
		<b>C07D 331 /-</b>			
		<b>C07D 333 /-</b>			
		<b>C07D 335 /-</b>			
		<b>C07D 337 /-</b>			
		<b>C07D 339 /-</b>			
		<b>C07D 341 /-</b>			
		<b>C07D 343 /-</b>			
		<b>C07D 345 /-</b>			
		<b>C07D 347 /-</b>			
		<b>C07D 349 /-</b>			
		<b>C07D 351 /-</b>			
		<b>C07D 353 /-</b>			
		<b>C07D 355 /-</b>			
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		<b>C07D 369 /-</b>			
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		<b>C07D 373 /-</b>			
		<b>C07D 375 /-</b>			
		<b>C07D 377 /-</b>			
		<b>C07D 379 /-</b>			
		<b>C07D 381 /-</b>			
		<b>C07D 383 /-</b>			
		<b>C07D 385 /-</b>			
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		<b>C07D 389 /-</b>			
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		<b>C07D 401 /-</b>			
		<b>C07D 403 /-</b>			
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		<b>C07D 411 /-</b>			
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		<b>C07D 431 /-</b>			
		<b>C07D 433 /-</b>			
		<b>C07D 435 /-</b>			
		<b>C07D 437 /-</b>			
		<b>C07D 439 /-</b>			
		<b>C07D 441 /-</b>			
		<b>C07D 443 /-</b>			
		<b>C07D 445 /-</b>			
		<b>C07D 447 /-</b>			
		<b>C07D 449 /-</b>			
		<b>C07D 451 /-</b>			
		<b>C07D 453 /-</b>			
		<b>C07D 455 /-</b>			
		<b>C07D 457 /-</b>			
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		<b>C07D 473 /-</b>			
		<b>C07D 475 /-</b>			
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		<b>C07D 511 /-</b>			
		<b>C07D 513 /-</b>			
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		<b>C07D 517 /-</b>			
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2015297347	<b><u>C21D 9 /-</u></b>	2020220095	2018338119	2017424961	
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2019201293	<b><u>C22B 1 /-</u></b>	2019203729	2016236672	2017421071	<b><u>F17C 11 /-</u></b>
2019202451		<b><u>D06F 39 /-</u></b>	<b><u>E05B 63 /-</u></b>		
2020203977	2019284111			<b><u>E21F 17 /-</u></b>	2017269142
2021200091	<b><u>C22B 11 /-</u></b>	2019203729	2016236672	2017421071	<b><u>F21S 4 /-</u></b>
<b><u>C12N 7 /-</u></b>		<b><u>E02D 5 /-</u></b>	<b><u>E05D 5 /-</u></b>		
	2018340945			<b><u>F02B 63 /-</u></b>	2017343734
2017263137	<b><u>C22B 15 /-</u></b>	2016254913	2016429038	2016325571	<b><u>F21V 13 /-</u></b>
2017332789					
<b><u>C12N 9 /-</u></b>	2016340052	<b><u>E02F 3 /-</u></b>	<b><u>E06B 7 /-</u></b>	<b><u>F02D 29 /-</u></b>	2015374071
2015364427	<b><u>C22B 23 /-</u></b>	2015200742	2016239558	2016325571	<b><u>F21V 5 /-</u></b>
2015367185		2020203633	2016429038		
2015367385	2016340052			<b><u>F02D 41 /-</u></b>	2015264865
2019204375	<b><u>C22B 3 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E06B 9 /-</u></b>	2016325571	<b><u>F21Y 115 /-</u></b>
2019272057					
2021200091	2016340052	2015200742	2016347689	2016325571	<b><u>F21Y 115 /-</u></b>
	2018340945	2017274298	2016375307		
<b><u>C12P 1 /-</u></b>		2017425235	2017417628	<b><u>F02K 7 /-</u></b>	2017343734
	<b><u>C22B 34 /-</u></b>	2018275936			
2015297347		2019280032	<b><u>E21B 17 /-</u></b>	2018409723	<b><u>F24C 15 /-</u></b>
	2015376120	<b><u>E03C 1 /-</u></b>	2015405062	<b><u>F02M 37 /-</u></b>	2015292881
<b><u>C12P 21 /-</u></b>			2016280437		2016260672
	<b><u>C22B 5 /-</u></b>	2019271957	2016318299	2019203171	<b><u>F24C 7 /-</u></b>
2015297347			2016396157		
2018241075	2015376120	<b><u>E03F 5 /-</u></b>		<b><u>F02N 11 /-</u></b>	2016203852
<b><u>C12Q 1 /-</u></b>	<b><u>C22B 9 /-</u></b>	2019283941	<b><u>E21B 25 /-</u></b>	2018335282	<b><u>F24F 11 /-</u></b>
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2014373622	2015376120	<b><u>E04B 1 /-</u></b>	2016282274		
2015212831				<b><u>F03D 7 /-</u></b>	2018324134
2015230972	<b><u>C22C 14 /-</u></b>	2016231373	<b><u>E21B 31 /-</u></b>		
2015240749		2016280249		2020200218	<b><u>F24F 13 /-</u></b>
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2016220404				<b><u>F04D 25 /-</u></b>	2018324134
2016220535	<b><u>C22C 19 /-</u></b>	<b><u>E04B 2 /-</u></b>			
2016342364			2017407829	2017203518	<b><u>F24F 7 /-</u></b>
2017409499	2015376120	2016231373	2018250627		
2018241075			2018257610	<b><u>F04D 29 /-</u></b>	2018324134
2018264112	<b><u>C30B 7 /-</u></b>	<b><u>E04B 5 /-</u></b>	2018308919		
2019203491			2018340591	2017203518	<b><u>F25D 23 /-</u></b>
2019205267	2017299850	2016231373	2020210316	2018258828	
2019222816	<b><u>C40B 10 /-</u></b>	<b><u>E04C 1 /-</u></b>			2018382028
			<b><u>E21B 34 /-</u></b>	<b><u>F15B 13 /-</u></b>	<b><u>F25D 3 /-</u></b>
<b><u>C12Q 3 /-</u></b>	2018256545	2019210599	2018250627	2018340591	2016355170
			2018340591		
2018241075	<b><u>C40B 40 /-</u></b>	<b><u>E04C 2 /-</u></b>		<b><u>F16B 23 /-</u></b>	<b><u>F25J 1 /-</u></b>
			<b><u>E21B 37 /-</u></b>	2020201077	
<b><u>C12R 1 /-</u></b>	2018241075	2019210599	2016401659		2018264606
	2018256545			<b><u>F16B 7 /-</u></b>	2018390715
2016205975	<b><u>C40B 50 /-</u></b>	<b><u>E04C 3 /-</u></b>			
2016232910			<b><u>E21B 41 /-</u></b>	2016306486	<b><u>F25J 3 /-</u></b>
	2018256545	2016280249			
<b><u>C14C 1 /-</u></b>			2016401659	<b><u>F16C 11 /-</u></b>	2017249441
	<b><u>D01B 1 /-</u></b>	<b><u>E04C 5 /-</u></b>	2017407829		
2017286094				2016322019	<b><u>F27B 3 /-</u></b>
	2019283940	2019238568	<b><u>E21B 43 /-</u></b>		
<b><u>C14C 3 /-</u></b>				<b><u>F16K 11 /-</u></b>	2016222275
	<b><u>D01F 6 /-</u></b>	<b><u>E04F 21 /-</u></b>	2016396157		
2017286094			2016401659	2017230297	<b><u>F27D 25 /-</u></b>
<b><u>C21B 13 /-</u></b>	2020220095	2019283941	2018340591		
			2018385254	<b><u>F16K 15 /-</u></b>	2016222275
2016222275	<b><u>D03D 13 /-</u></b>	<b><u>E04G 21 /-</u></b>			
			<b><u>E21B 47 /-</u></b>	2019204816	<b><u>F42B 39 /-</u></b>
<b><u>C21C 5 /-</u></b>	2020220095	2019238568			
			2015405062	<b><u>F16K 37 /-</u></b>	2016352437
2016222275	<b><u>D03D 15 /-</u></b>	<b><u>E04H 17 /-</u></b>	2017407829		
			2017421071	2019250165	
		2016267396			

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<b>F42D 1 /-</b>	2015357122	<b>G02B 7 /-</b>		<b>G06Q 30 /-</b>	2019204330
2019284137	2015358373		<b>G06F 3 /-</b>		<b>G08G 1 /-</b>
2019284158	2015358469	2015318357	2015313965	2019403819	
<b>G01B 21 /-</b>	2016220535	<b>G02C 11 /-</b>	2015397084	<b>G06Q 50 /-</b>	2018335764
	2016299830		2015406876		<b>G09G 3 /-</b>
2017424961	2016342364	2015396857	2015410106	2015278231	
	2016364990	<b>G02C 3 /-</b>	2016207009	2016343938	2016207009
<b>G01C 21 /-</b>	2018222995		2017307324	2018312983	
	2018241075	2015396857	2017314145	2019204746	<b>G10L 19 /-</b>
2019272339	2019201686	<b>G02C 5 /-</b>	2019261701	2020203689	
	2019202700		2019403819	<b>G06T 1 /-</b>	2016336258
<b>G01C 5 /-</b>	2019204209	2015396857	2020203569		<b>G11B 20 /-</b>
	2020201783	<b>G02F 1 /-</b>	2020203689	2019204746	
2017421071	<b>G01R 31 /-</b>		2020203815	<b>G06T 11 /-</b>	2015357082
<b>G01D 11 /-</b>	2018280094	2016347689	<b>G06F 7 /-</b>		<b>G11B 27 /-</b>
	<b>G01S 19 /-</b>	<b>G05B 23 /-</b>	2016342364	2016343938	
2018337633			2019261724	2019277220	2019236722
<b>G01J 3 /-</b>	2019226114	2018285616	<b>G06F 8 /-</b>	<b>G06T 19 /-</b>	<b>G16B 20 /-</b>
	<b>G01S 3 /-</b>	<b>G05D 1 /-</b>	2016201734		2019203491
2016225988			2019246768	2019419376	
<b>G01L 19 /-</b>	2019208265	2017241801	<b>G06F 9 /-</b>	<b>G06T 3 /-</b>	<b>G16B 25 /-</b>
	<b>G01S 5 /-</b>	2017415194			2020200728
2017250172		2019208265	2019202867	2016277725	
<b>G01L 9 /-</b>	2017241824	2019280032	2020200339	<b>G06T 5 /-</b>	<b>G16B 5 /-</b>
	2019208265	<b>G05D 3 /-</b>	2020203815		2016240362
2016321839	2019226114		<b>G06K 19 /-</b>	2016202964	
2017250172	2019272339	2017241801		<b>G06T 7 /-</b>	<b>G16H 50 /-</b>
<b>G01N 11 /-</b>	<b>G01V 1 /-</b>	<b>G05F 1 /-</b>	2019287792		
			<b>G06K 7 /-</b>	2016202964	2016240362
2017424961	2015394432	2015298737		2017204531	2020200728
<b>G01N 15 /-</b>	<b>G01V 3 /-</b>	<b>G05G 1 /-</b>	2019403819	2017206290	
			<b>G06K 9 /-</b>	2019261701	<b>G21B 1 /-</b>
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			2017204531		<b>G21F 1 /-</b>
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2016299830	<b>G01V 99 /-</b>	<b>G06F 11 /-</b>	2020202963	<b>G07D 9 /-</b>	
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2018400836	<b>G01W 1 /-</b>	2020239709	2019246768	<b>G07F 17 /-</b>	2016373307
2019202700		<b>G06F 15 /-</b>	2019371748		<b>H01H 21 /-</b>
2020202844	2016294139		<b>G06N 3 /-</b>	2015367187	
<b>G01N 23 /-</b>	<b>G02B 23 /-</b>	2019204746		2019226251	2017423229
		2019253844	2018426277	<b>G08B 1 /-</b>	<b>H01H 37 /-</b>
2019226233	2017299226	<b>G06F 16 /-</b>	<b>G06N 99 /-</b>		
<b>G01N 27 /-</b>	<b>G02B 27 /-</b>			2019204330	2015292881
		2016246507	2020239709	<b>G08B 13 /-</b>	<b>H01H 89 /-</b>
2017251591	2019261701	2019371748	<b>G06Q 10 /-</b>		
2019202700	<b>G02B 3 /-</b>	2019386603		2016381827	2015292881
<b>G01N 3 /-</b>		<b>G06F 17 /-</b>	2015278231	<b>G08B 23 /-</b>	<b>H01H 9 /-</b>
	2016238641		2016343938		
<b>G01N 30 /-</b>	<b>G02B 30 /-</b>	2015278231	2016371666	2016201734	2017423229
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2020201111	2019204862	2016209908	2020203689		
<b>G01N 33 /-</b>	<b>G02B 6 /-</b>	2016294139	<b>G06Q 20 /-</b>	2016381827	2018335077
		2019204746		<b>G08B 29 /-</b>	<b>H01L 29 /-</b>
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2014362322	2018337633		2020210294	2019236723	2018335077
2014373622		2016405637	2020228071	<b>G08C 17 /-</b>	
2015240749		2019226140			

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<b><u>H01L 31 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04B 7 /-</u></b>		2018284901
2016347689	2016231516	2017252175	<b><u>H04N 9 /-</u></b>	
<b><u>H01L 51 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04K 1 /-</u></b>	2016207009	<b><u>H04W 74 /-</u></b>
2019312457	2015298737	2017200283	<b><u>H04Q 9 /-</u></b>	2018346746
<b><u>H01M 10 /-</u></b>	<b><u>H02J 50 /-</u></b>	<b><u>H04L 1 /-</u></b>	2018275936	2018366416
2018205364	2017209538	2018239744	<b><u>H04R 1 /-</u></b>	<b><u>H04W 76 /-</u></b>
2018280094	<b><u>H02J 7 /-</u></b>	<b><u>H04L 12 /-</u></b>	2019202472	2019226114
<b><u>H01M 12 /-</u></b>	2016318231	2019204330	<b><u>H04R 3 /-</u></b>	<b><u>H04W 8 /-</u></b>
2015357831	2017209538	2019333833	2019202472	2018370642
<b><u>H01M 4 /-</u></b>	2018335282	<b><u>H04L 25 /-</u></b>	2019236722	<b><u>H04W 80 /-</u></b>
2016200589	2018337633	2019204197	<b><u>H04S 5 /-</u></b>	2017200283
2016250907	<b><u>H02K 1 /-</u></b>	<b><u>H04L 27 /-</u></b>	2019202472	2018353814
<b><u>H01M 8 /-</u></b>	2019310830	2017264592	<b><u>H04W 12 /-</u></b>	<b><u>H05B 1 /-</u></b>
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<b><u>H01Q 1 /-</u></b>	2018327254	2015326855	2020203647	<b><u>H05B 33 /-</u></b>
2017237262	<b><u>H02K 55 /-</u></b>	2016405637	2020228071	2017343734
2017417125	2018327254	2018242048	<b><u>H04W 24 /-</u></b>	<b><u>H05B 39 /-</u></b>
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<b><u>H01Q 15 /-</u></b>	2016325571	2020203815	<b><u>H04W 28 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019301232	<b><u>H02M 3 /-</u></b>	<b><u>H04L 5 /-</u></b>	2019204845	2015292881
<b><u>H01Q 19 /-</u></b>	2018339256	2017247162	<b><u>H04W 4 /-</u></b>	2016203852
2019301232	<b><u>H02P 27 /-</u></b>	2017264410	2018353814	2016260672
<b><u>H01R 13 /-</u></b>	2016318231	2017336072	2019203926	<b><u>H05K 1 /-</u></b>
2016247749	<b><u>H02P 9 /-</u></b>	<b><u>H04L 9 /-</u></b>	2019226114	2017417125
2018233126	2016325571	2017200283	2019422010	<b><u>H05K 5 /-</u></b>
<b><u>H01R 24 /-</u></b>	<b><u>H02S 40 /-</u></b>	<b><u>H04M 1 /-</u></b>	2020203647	2020244436
2019219758	2020200147	2016242966	2020203815	<b><u>H05K 7 /-</u></b>
<b><u>H01R 4 /-</u></b>	<b><u>H03F 3 /-</u></b>	2019260156	2020228071	2019257568
2019219758	2017247879	2019287792	<b><u>H04W 48 /-</u></b>	
<b><u>H01R 9 /-</u></b>	<b><u>H03H 17 /-</u></b>	<b><u>H04M 11 /-</u></b>	2017216909	
2019219758	2015357082	2018275936	2017391378	
<b><u>H02B 1 /-</u></b>	<b><u>H03K 19 /-</u></b>	<b><u>H04N 13 /-</u></b>	2017422091	
2017311253	2019206299	2019213313	<b><u>H04W 52 /-</u></b>	
<b><u>H02G 3 /-</u></b>	<b><u>H03K 3 /-</u></b>	<b><u>H04N 19 /-</u></b>	2017216909	
2017423229	2019206299	2017269958	2017440897	
2018233126	<b><u>H03M 13 /-</u></b>	2018251489	<b><u>H04W 56 /-</u></b>	
<b><u>H02H 3 /-</u></b>	2020239709	2020205233	2017264410	
2016231516	<b><u>H04B 1 /-</u></b>	<b><u>H04N 21 /-</u></b>	<b><u>H04W 64 /-</u></b>	
2016277616	2020203647	2017269958	2016242966	
<b><u>H02J 1 /-</u></b>		<b><u>H04N 5 /-</u></b>	2018353814	
2018337633		2018393935	<b><u>H04W 68 /-</u></b>	
		2019260156	2018353814	
		<b><u>H04N 7 /-</u></b>	<b><u>H04W 72 /-</u></b>	
		2018275936	2017247162	
			2017271996	
			2018279551	

**Certified Innovation Patents**

**Name Index**

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

- 
- (71) Austin Engineering Limited  
 (11) AU-B-2020102612  
 (21) 2020102612 (22) 06.10.2020  
 (54) A BUCKET  
 (51) Int. Cl.  
     *E02F 3/40* ( 2006.01 )  
     *E02F 3/60* ( 2006.01 )  
 (45) 27.05.2021  
 (62) 2018273797  
 (72) HALL, Jamie Vincent Clarke; GREE-SHAW, Lyndon Brian  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Beyond Architectural Pty Ltd  
 (11) AU-B-2021100529  
 (21) 2021100529 (22) 28.01.2021  
 (54) Hinge  
 (51) Int. Cl.  
     *E05F 3/20* ( 2006.01 )  
     *E05D 5/02* ( 2006.01 )  
     *E05D 7/086* ( 2006.01 )  
     *E05F 1/06* ( 2006.01 )  
     *E05F 1/12* ( 2006.01 )  
 (45) 27.05.2021  
 (62) PCT/AU2020/050525  
 (72) Laws, Adam  
 (74) MEYER WEST IP PTY LTD
- 
- (71) Innovative Products Pty Ltd  
 (11) AU-B-2020102257  
 (21) 2020102257 (22) 15.09.2020  
 (54) CONDUIT INSERT AND THE MANUFACTURE AND USE THEREOF  
 (51) Int. Cl.  
     *F16L 55/11* ( 2006.01 )  
     *B65D 59/02* ( 2006.01 )  
     *F16L 55/24* ( 2006.01 )  
     *F16L 57/00* ( 2006.01 )  
 (31) 2020900393 (32) 12.02.20 (33) AU  
     2020901114 08.04.20 AU  
 (45) 27.05.2021  
 (72) Osborne, Mark  
 (74) COOPER IP PTY. LTD.
- 
- (71) Patriot Campers Holdings Pty Ltd  
 (11) AU-B-2020100909  
 (21) 2020100909 (22) 01.06.2020  
 (54) An awning  
 (51) Int. Cl.  
     *E04H 15/08* ( 2006.01 )  
     *E04F 10/10* ( 2006.01 )  
     *E04H 15/48* ( 2006.01 )  
     *E04H 15/58* ( 2006.01 )  
 (31) 2019901925 (32) 04.06.19 (33) AU  
 (45) 27.05.2021  
 (72) Pearce, Simon Noel  
 (74) Spruson & Ferguson
- 
- (71) Patriot Campers Holdings Pty Ltd  
 (11) AU-B-2020101075  
 (21) 2020101075 (22) 22.06.2020  
 (54) Automotive accessory fabric  
 (51) Int. Cl.  
     *B32B 5/02* ( 2006.01 )  
     *B32B 5/26* ( 2006.01 )  
     *B32B 27/36* ( 2006.01 )  
     *D05C 17/00* ( 2006.01 )  
     *D06Q 1/00* ( 2006.01 )  
     *E04H 15/06* ( 2006.01 )  
     *E04H 15/08* ( 2006.01 )  
 (31) 2019903814 (32) 10.10.19 (33) AU  
 (45) 27.05.2021  
 (72) Montesalvo, Justin; Pearce, Simon Noel  
 (74) Spruson & Ferguson
- 
- (71) Southern Cross Marine Culture R&D Pty Ltd  
 (11) AU-B-2020104019  
 (21) 2020104019 (22) 11.12.2020  
 (54) METHOD OF PACKAGING SHELL-FISH  
 (51) Int. Cl.  
     *A01K 63/02* ( 2006.01 )  
     *B65D 81/22* ( 2006.01 )  
     *B65D 85/50* ( 2006.01 )  
 (45) 27.05.2021  
 (62) PCT/AU2019/051282  
 (72) Pauly, Timothy J.; McHugh, Shane G.; Heller-Wagner, Gideon J.  
 (74) Murray Trento & Associates Pty Ltd

**Numerical Index**

**2020100909** Patriot Campers Holdings Pty Ltd  
**2020101075** Patriot Campers Holdings Pty Ltd  
**2020102257** Innovative Products Pty Ltd  
**2020102612** Austin Engineering Limited  
**2020104019** Southern Cross Marine Culture R&D Pty Ltd  
**2021100529** Beyond Architectural Pty Ltd

**IPC Index**

**A01K 63 /-**

2020104019

**B32B 27 /-**

2020101075

**B32B 5 /-**

2020101075

**B65D 59 /-**

2020102257

**B65D 81 /-**

2020104019

**B65D 85 /-**

2020104019

**D05C 17 /-**

2020101075

**D06Q 1 /-**

2020101075

**E02F 3 /-**

2020102612

**E04F 10 /-**

2020100909

**E04H 15 /-**

2020100909

2020101075

**E05D 5 /-**

2021100529

**E05D 7 /-**

2021100529

**E05F 1 /-**

2021100529

**E05F 3 /-**

2021100529

**F16L 55 /-**

2020102257

**F16L 57 /-**

2020102257

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018262109 **Climate Change Technologies Pty Ltd ( 1414 DE-GREES LIMITED )**

**Opposition Withdrawn**

2017204231 **Bayer Intellectual Property GmbH ( Dow AgroSciences LLC )**

2018214049 **Dow AgroSciences LLC ( Bayer Intellectual Property GmbH )**

**Opposition Withdrawn - Proceed to Grant**

2019203882 **LAA Industries Pty Ltd ( Eneraque Pty Ltd )**

**Patents Granted**

**Standard Patents**

2010201392	2014280846	2014324102	2014333776
2014349828	2014352956	2014353973	2014359276
2014405639	2014411737	2014414495	2014414750
2015204784	2015213838	2015229186	2015231307
2015252750	2015252866	2015255327	2015264519
2015264934	2015266860	2015268101	2015268586
2015271937	2015277645	2015279086	2015279089
2015284640	2015288955	2015289831	2015295506
2015300776	2015301070	2015301737	2015301791
2015303183	2015305220	2015308821	2015311607
2015320685	2015321881	2015325013	2015330102
2015334035	2015334651	2015334754	2015335629
2015339452	2015339570	2015342717	2015348080
2015359266	2015364605	2015370940	2015371250
2015372569	2015376084	2015380352	2015382306
2015383881	2015387626	2015397594	2015414651
2016201912	2016203001	2016203819	2016204071
2016205864	2016209056	2016209249	2016211176
2016213783	2016219927	2016222414	2016224409
2016224760	2016224950	2016228829	2016229201
2016231111	2016232837	2016238646	2016239411
2016244725	2016245347	2016246032	2016247584
2016252122	2016256558	2016256979	2016257113
2016257244	2016257612	2016260845	2016261702
2016263225	2016268516	2016269146	2016270877
2016272550	2016272555	2016273436	2016276269
2016276959	2016276976	2016279741	2016280806
2016281301	2016282203	2016282636	2016286274
2016286612	2016287740	2016287951	2016290010
2016290134	2016290374	2016293129	2016293135
2016293296	2016293818	2016294734	2016294860
2016296724	2016297417	2016302146	2016303346
2016304607	2016304884	2016305079	2016306555
2016311341	2016312904	2016313048	2016313955
2016314780	2016315883	2016317882	2016317931
2016319715	2016320558	2016321443	2016322710
2016326704	2016330466	2016333412	2016336361
2016336445	2016338586	2016338856	2016338970
2016341659	2016342076	2016343928	2016344525
2016344527	2016348310	2016348524	2016350486
2016355104	2016361081	2016361996	2016364702
2016365306	2016370291	2016372915	2016375656
2016377315	2016379454	2016383705	2016384951
2016386054	2016397939	2016424413	2016427789
2017208153	2017209362	2017210167	2017214625
2017215651	2017218599	2017220582	2017228737

**Patents Granted**

**Standard Patents**

2017236782	2017256470	2017261229	2017261841
2017267456	2017274582	2017280873	2017283085
2017283125	2017283126	2017291838	2017297187
2017302959	2017307329	2017307763	2017308004
2017311109	2017315781	2017321966	2017322438
2017322952	2017326614	2017327824	2017328040
2017328129	2017329111	2017331466	2017336123
2017337335	2017346502	2017347578	2017350278
2017354086	2017357453	2017372953	2017373641
2017375207	2017375819	2017376569	2017378718
2017379015	2017382384	2017395527	2017399126
2017403690	2017405969	2017407719	2017414413
2017415672	2017418735	2017421868	2017422549
2017427466	2017431157	2017440306	2018202803
2018205481	2018208231	2018214033	2018217789
2018218531	2018226315	2018227581	2018231279
2018236210	2018238996	2018242535	2018244275
2018246903	2018249245	2018249487	2018250252
2018254139	2018256562	2018256666	2018257677
2018257981	2018258766	2018259809	2018260888
2018260938	2018261124	2018261818	2018263200
2018263238	2018267685	2018269260	2018269972
2018271993	2018272826	2018273738	2018275147
2018278911	2018278977	2018279770	2018280272
2018282263	2018282396	2018282403	2018282447
2018282663	2018295321	2018298190	2018299747
2018299899	2018306528	2018306941	2018310636
2018314058	2018316332	2018316690	2018320963
2018321467	2018328611	2018331314	2018332955
2018341950	2018342784	2018354157	2018366303
2018374067	2018381082	2018385598	2018387943
2018388705	2018393002	2018400528	2018412820
2018413360	2018417167	2018429363	2019200136
2019200335	2019200410	2019200441	2019200447
2019200490	2019200638	2019200816	2019200839
2019200965	2019201041	2019201048	2019201147
2019201307	2019201361	2019201534	2019201548
2019201635	2019201720	2019201794	2019201914
2019202162	2019202427	2019202583	2019203149
2019203240	2019203309	2019203515	2019203624
2019203680	2019203760	2019203762	2019203863
2019203898	2019203908	2019204009	2019204054
2019204320	2019204404	2019204660	2019204883
2019204984	2019206032	2019206059	2019208199
2019210545	2019210546	2019210579	2019213465
2019213848	2019216342	2019216642	2019216646
2019222889	2019222893	2019222900	2019230492
2019235774	2019236685	2019236686	2019237715
2019246808	2019246883	2019253817	2019257394
2019257449	2019261742	2019264593	2019264646
2019268091	2019268097	2019271937	2019275593
2019280001	2019280040	2019280574	2019283892
2019284146	2019284148	2019284150	2019369209
2020200059	2020200062	2020200071	2020200141
2020200167	2020200578	2020200638	2020200748
2020200912	2020200975	2020201154	2020201337
2020201655	2020201706	2020201755	2020202142
2020202225	2020202310	2020202650	2020203010
2020257117	2020270461	2020281072	2020281181

**Innovation Patents**

2016102461	2017101901	2017101902	2018102212
2019101795	2020104423	2021100659	2021100686
2021100758	2021100894	2021100902	2021100960
2021100989	2021101009	2021101235	2021101280
2021101362	2021101388	2021101418	2021101421
2021101425	2021101457	2021101465	2021101486
2021101488	2021101503	2021101505	2021101510
2021101514	2021101523	2021101548	2021101572

**Patents Granted**

**Innovation Patents**

2021101573	2021101574	2021101607	2021101622
2021101633	2021101635	2021101638	2021101639
2021101641	2021101644	2021101651	2021101653
2021101662	2021101664	2021101668	2021101674
2021101678	2021101679	2021101710	2021101729
2021101743	2021101749	2021101750	2021101772
2021101773	2021101774	2021101775	2021101776
2021101777	2021101780	2021101784	2021101785
2021101786	2021101790	2021101792	2021101793
2021101794	2021101795	2021101796	2021101797
2021101798	2021101799	2021101800	2021101801
2021101802	2021101805	2021101806	2021101807
2021101809	2021101811	2021101815	2021101816
2021101817	2021101819	2021101822	2021101823
2021101824	2021101825	2021101826	2021101827
2021101828	2021101830	2021101831	2021101835
2021101836	2021101838	2021101842	2021101843

**Assignments Registered**

2005231424	Relypsa, Inc.	The patent has been assigned to <b>Vifor Pharma Technology Ltd.</b>
2006220818	Falcon Lab LLC	The patent has been assigned to <b>Emery Oleochemicals LLC</b>
2007234957	Vistakon Pharmaceutical LLC	The patent has been assigned to <b>Johnson &amp; Johnson Vision Care, Inc.</b>
2007248865	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2007277401	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2007305487	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2008227171	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2008260627	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2008331938	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2009208055	Tognela, Murray; Van Rooyen, Brian	The patent has been assigned to <b>HERITAGE TANKS AUSTRALIA PTY LTD</b>
2009208282	Nantong CIMC Special Transportation Equipment Manufacture Co., Ltd.; CIMC Safeway Technologies Co., Ltd.; China International Marine Containers (Group) Co., Ltd.	The patent has been assigned to <b>CIMC Safeway Technologies Co., Ltd.</b>
2009257973	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2009257974	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2009282721	Relypsa, Inc.	The patent has been assigned to <b>Vifor Pharma Technology Ltd.</b>
2009296226	Woodplastic Group SE	The patent has been assigned to <b>Woodplastic Holding a.s.</b>
2009303602	Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.	The patent has been assigned to <b>Sunshine Lake Pharma Co., Ltd.</b>

**Assignments Registered**

2010214729	Relypsa, Inc	The patent has been assigned to <b>Vifor Pharma Technology Ltd.</b>
2010218337	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2010229147	Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.	The patent has been assigned to <b>Sunshine Lake Pharma Co., Ltd.</b>
2010274248	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2010281673	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2010286943	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2010328592	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2010347232	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011200112	Mitek Holdings, Inc.	The patent has been assigned to <b>HOHMANN &amp; BARNARD, INC.</b>
2011271682	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011286272	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011306011	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011314342	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011337153	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011341551	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011345259	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011359381	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2011371275	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2012201088	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2012216883	The Diabetic Boot Company Limited	The patent has been assigned to <b>DBC Medical IOM Limited</b>
2012223639	Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.	The patent has been assigned to <b>Sunshine Lake Pharma Co., Ltd.</b>
2012254879	Relypsa, Inc.	The patent has been assigned to <b>Vifor Pharma Technology Ltd.</b>
2012299269	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>
2012355764	SunPower Corporation	The patent has been assigned to <b>Maxeon Solar Pte. Ltd.</b>

**Assignments Registered**

2012358982 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2012387919 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**

2012388233 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013201367 Vistakon Pharmaceutical LLC The patent has been assigned to **Johnson & Johnson Vision Care, Inc.**

2013204877 Relypsa, Inc. The patent has been assigned to **Vifor Pharma Technology Ltd.**

2013204879 Relypsa, Inc. The patent has been assigned to **Vifor Pharma Technology Ltd.**

2013273745 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013296897 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2013323868 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013334912 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013345107 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2013362916 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013362923 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013363640 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013364371 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2013388780 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**

2013392520 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**

2014219256 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2014233005 Acyclica Inc. The patent has been assigned to **FLIR Systems Trading Belgium BVBA**

2014233487 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014233535 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014246580 Vistakon Pharmaceutical LLC The patent has been assigned to **Johnson & Johnson Vision Care, Inc.**

2014309279 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

**Assignments Registered**

2014321419 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2014321420 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2014326714 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014327036 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014364086 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014366256 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014366257 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015203498 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015206668 Toyota Motor Engineering & Manufacturing North America, Inc. The patent has been assigned to **Toyota Jidosha Kaishiki Kaisha**

2015210421 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015222590 Beijing Braves Medicine Research Co. Ltd The patent has been assigned to **Lepu Medical Technology (Beijing) Co., Ltd.**

2015235880 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.**

2015236204 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015264881 PeroxyChem LLC The patent has been assigned to **Evonik Operations GmbH**

2015267239 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015267264 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015267265 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015267299 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015273292 The Diabetic Boot Company Ltd. The patent has been assigned to **DBC Medical IOM Limited**

2015284552 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2015338913 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016202043 PeroxyChem LLC The patent has been assigned to **Evonik Operations GmbH**

2016202645 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**

**Assignments Registered**

- 2016202646 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**
- 2016202647 Jiangsu Huifeng Agrochemical Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**
- 2016216697 Relypsa, Inc. The patent has been assigned to **Vifor Pharma Technology Ltd.**
- 2016413017 Jiangsu Huifeng Bio Agriculture Co., Ltd. The patent has been assigned to **ADAMA Huifeng (Jiangsu) Ltd.**
- 2017304793 Jiangsu Shemar Electric Co., Ltd. The patent has been assigned to **Shanghai Shemar Power Engineering Co., Ltd**
- 2018100195 Wise, Eric The patent has been assigned to **Wise Telemetry, LLC**
- 2018201664 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2018206706 Relypsa, Inc. The patent has been assigned to **Vifor Pharma Technology Ltd.**
- 2018279029 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2018279033 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2018279035 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2019101127 Biddle, Robert The patent has been assigned to **Sonoa Health Education Pty Ltd.**
- 2019101205 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2019101206 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**
- 2019101207 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2014228324 **Janssen Pharmaceutica NV**

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

For the goods SPRAVATO esketamine

**Extensions granted**

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

2000020313 **UCB PHARMA S.A.**

The earliest first regulatory approval date provided by the patentee 01 Jul 2019

For the goods Evenity romosozumab

Extension of Term of patent pursuant to Section 77 expires on 24 Nov 2024

2017204741 **Purdue Pharma L.P.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

The earliest first regulatory approval date provided by the patentee 12 May 2010

For the goods TARGIN oxycodone hydrochloride/naloxone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 12 May 2025

2018241101 **The Regents of The University of California**

The earliest first regulatory approval date provided by the patentee 05 Jul 2018

For the goods ERLYAND apalutamide

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2032

**Corrigenda**

In Vol 35 , No 15 , Page(s) 3405 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Mads Hald Andersen, Application No. 2019350356, under INID (71) correct the applicant name to IO Biotech ApS.

In Vol 35 , No 17 , Page(s) 3748 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name HK Inno.N Corporation, Application No. 2019328903, under INID (54) correct the title to read Composition for eradicating Helicobacter pylori

In Vol 35 , No 19 , Page(s) 4092 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name GREENLIGHT BIOSCIENCES, INC., Application No. 2019350786, under INID (54) correct the title to read Control of Coleopteran insects

In Vol 35 , No 20 , Page(s) 4227 under the heading **Amendments - Application for Amendments** Under the name Olaplex, Inc., Patent Application No. 2017251818 correct the date of the statements filed to 5 Nov 2020 and 9 Apr 2021

In Vol 35 , No 20 , Page(s) 4322 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Prothema Biosciences Limited, Application No. 2018448903, Under INID (72) add co-inventor NIJJAR, Tarlochan S.

**Specifications Republished**

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

2015358373 **BioVentures, LLC; Arkansas Children's Research Institute**

2016249780 **F. Hoffmann-La Roche AG**

2017214748 **Magic Leap, Inc.**

2017242171 **Terumo Kabushiki Kaisha**

2018319538 **Gilead Sciences, Inc.**

2018360520 **DAIKIN INDUSTRIES, LTD.**

2018378832 **Emory University**

2018384113 **JFE Steel Corporation**

2019200136 **Dexcom, Inc.**

2019283970 **Apple Inc.**

2019341063 **Gliderol Doors (S) Pte Ltd**

2020202721 **Emulate, Inc.**