



**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 4 Aug 2020 .

<p><b>Adds Up Engineering Pty Ltd see Steinhardt Corporation Pty Ltd</b> (21) 2020902772</p>	<p>(71) Ciucci, F. (21) 2020902795 (22) 08.08.2020 (54) MULTI FUNCTION ELECTRONICS DEVICE HOLDER</p>	<p>(71) ENVIRO STRAW PTY LTD; Carmichael, P. (21) 2020902781 (22) 07.08.2020 (54) Hydraulic Applied Biotic Growth Amendment Hydromulch.</p>
<p>(71) Alcoa of Australia Limited (21) 2020902780 (22) 06.08.2020 (54) Method for carbon reduction</p>	<p>(71) CLOUDWATCH PTY LTD (21) 2020902785 (22) 07.08.2020 (54) A REMOTE CONTROLLED SMART HAND SANITISER STATION</p>	<p>(71) Ermid Pty Ltd (21) 2020902811 (22) 10.08.2020 (54) A DEVICE FOR TRACKING AN ITEM</p>
<p>(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2020902765 (22) 06.08.2020 (54) Chloride-Free Variable Solubility Potash Fertilisers and Compositions</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020902756 (22) 05.08.2020 (54) Rock Fall Analyser</p>	<p>(71) ETAIL Investments Pty Ltd (21) 2020902757 (22) 05.08.2020 (54) A modular connection system for connecting a powered accessory to a vehicle and a connection power wiring harness therefor</p>
<p>(71) Axis Innovation Pty Ltd (21) 2020902746 (22) 05.08.2020 (54) A HEAT GENERATING COATING, A BUILDING ELEMENT AND A HEATING SYSTEM EMPLOYING THE SAME</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020902761 (22) 06.08.2020 (54) SCREENING OF CARBONACEOUS AQUEOUS SLURRY FUELS FOR DIESEL ENGINES</p>	<p>(71) Fasullo, J. (21) 2020902741 (22) 05.08.2020 (54) Through-hole cable grabbing pliers</p>
<p>(71) Baker IDI Heart &amp; Diabetes Institute Holdings Limited (21) 2020902723 (22) 04.08.2020 (54) Guidewire Sensing Apparatus</p>	<p><b>Cooney, W.P. see Robertson, J.W.</b> (21) 2020902749</p>	<p>(71) Fusion HVAC Pty Ltd (21) 2020902744 (22) 05.08.2020 (54) Apparatus for Sterilizing a Lift</p>
<p>(71) Berkshire Renewable Energy Pty Ltd (21) 2020902733 (22) 04.08.2020 (54) SYSTEM AND METHOD FOR LIFTING A STORAGE TANK OR A PART THEREOF</p>	<p>(71) Cumpston, P. (21) 2020902745 (22) 05.08.2020 (54) A Heuristic Approach to Heparin Administration and Reversal</p>	<p>(71) Gardner, A. (21) 2020902726 (22) 04.08.2020 (54) System and method for reducing community transmission of COVID-19.</p>
<p>(71) Cameron, A. (21) 2020902742 (22) 05.08.2020 (54) A Barrier Assembly and Methods of Use Thereof</p>	<p>(71) Ensen Pty Ltd (21) 2020902760 (22) 06.08.2020 (54) SYNTHETIC METAL SYSTEM</p>	<p>(71) Gardner, A. (21) 2020902754 (22) 05.08.2020 (54) System and method for reducing community transmission of COVID-19.</p>
<p><b>Carmichael, P. see ENVIRO STRAW PTY LTD</b> (21) 2020902781</p>	<p>(71) Environmental Water Solutions Pty. Ltd. (21) 2020902753 (22) 05.08.2020 (54) Filtration media and filtration arrangement and method for removal of PFAS contaminants</p>	<p>(71) Gardner, A. (21) 2020902783 (22) 07.08.2020 (54) System and method for detecting close contacts and isolating the COVID-19 virus.</p>

Provisional Applications Filed - Name Index cont'd

(71) Guy, A.  
(21) 2020902791 (22) 07.08.2020  
(54) The Guyloc Tie-Down is made from steel and used to secure items in place on a trailer, truck bed or any area where an item needs to be secured.

Hampel, I. see Packer, J.  
(21) 2020902768

(71) Harrison, H.  
(21) 2020902722 (22) 04.08.2020  
(54) Carrier

(71) HC INNOVATION PTY LTD  
(21) 2020902766 (22) 06.08.2020  
(54) An Interface and System that executes hedging by translating a naturally-worded request for hedging into a combination of the required derivatives contracts.

(71) Hendry, C.  
(21) 2020902750 (22) 05.08.2020  
(54) Improved winding method

(71) Hexex Pty Ltd  
(21) 2020902738 (22) 05.08.2020  
(54) An access control system for an excavator

(71) Imtrade Australia Pty Ltd  
(21) 2020902752 (22) 05.08.2020  
(54) A formulation

(71) Jackson, M.  
(21) 2020902737 (22) 05.08.2020  
(54) Leaf collection apparatus

(71) JJM PARTNERS PTY LTD  
(21) 2020902755 (22) 05.08.2020  
(54) SYSTEM AND METHOD FOR CONNECTING LIKE-MINDED INDIVIDUALS IN A VIRTUAL COMMUNITY

(71) Johnston, D.  
(21) 2020902797 (22) 08.08.2020  
(54) Laptop Computer Stand

(71) Langhans, D.  
(21) 2020902739 (22) 05.08.2020  
(54) A radio communication pet collar

(71) Lions Eye Institute Limited  
(21) 2020902777 (22) 06.08.2020  
(54) A METHOD OF TREATING RETINAL ISCHAEMIC DISEASES

(71) LONGREACH AGRICULTURE PTY LTD  
(21) 2020902758 (22) 05.08.2020  
(54) Post

(71) Macfarlane Bunet Institute for Medical Research and Public Health Limited  
(21) 2020902779 (22) 06.08.2020  
(54) Immunogenic Compositions

(71) Mahoney, M.  
(21) 2020902735 (22) 05.08.2020  
(54) Procedure to develop vaccine

(71) Margin, N.  
(21) 2020902743 (22) 05.08.2020  
(54) A GOLF TEE SUPPORT

(71) Meld Gold Pty Ltd  
(21) 2020902790 (22) 07.08.2020  
(54) Methods and systems for precious metal reserve management for precious metal backed digital assets

(71) Meld Gold Pty Ltd  
(21) 2020902793 (22) 07.08.2020  
(54) Systems and methods for managing processing of precious metal

(71) MercuryPM Pty Ltd  
(21) 2020902736 (22) 05.08.2020  
(54) An improved vehicle recovery point

(71) Monash University  
(21) 2020902786 (22) 07.08.2020  
(54) Antibodies to CXCR1

(71) Nicflex Manufacturing Pty Ltd  
(21) 2020902730 (22) 04.08.2020  
(54) A FIREPROOF DOOR JAMB, A DOOR FRAME INCLUDING THE DOOR JAMB, AND A METHOD OF FORMING THE DOOR FRAME

(71) Ostrenga, N.  
(21) 2020902732 (22) 04.08.2020  
(54) Air conditioner deflector

(71) Ozroll IP Pty Ltd  
(21) 2020902769 (22) 06.08.2020  
(54) BLIND OR AWNING GUIDE SYSTEM

(71) Packer, J.; Hampel, I.  
(21) 2020902768 (22) 06.08.2020  
(54) CABLE REEL WITH TAPERED NECK

Pact Renewables Pty Ltd see Arakel, A.  
(21) 2020902765

(71) Player, B.  
(21) 2020902727 (22) 04.08.2020  
(54) A plastic surfing device comprised wholly of a single thermoplastic type that is void of any seams or joins between differing densities on its periphery, and has a partial, or complete peripheral surface that disrupts or obscures the outline of the expanded thermoplastic pellets on its interior.

(71) Rennie, S.  
(21) 2020902747 (22) 05.08.2020  
(54) CRAFT CONFIGURED FOR DRAG REDUCTION

(71) Robertson, J.W.; Cooney, W.P.  
(21) 2020902749 (22) 05.08.2020  
(54) SUBJECT IDENTIFICATION/IMAGE PRODUCTION SYSTEM & METHOD

(71) Rudders RLS Pty Ltd  
(21) 2020902776 (22) 06.08.2020  
(54) SENSING APPARATUS

(71) Ryan, B.  
(21) 2020902759 (22) 05.08.2020  
(54) ORTHOPAEDIC COMPRESSION AND DISTRACTION DEVICE AND METHOD

(71) Sabeti, S.  
(21) 2020902774 (22) 06.08.2020  
(54) Medical Device

(71) Sato Holdings Kabushiki Kaisha  
(21) 2020902728 (22) 04.08.2020  
(54) A storage system

(71) Sato Holdings Kabushiki Kaisha  
(21) 2020902729 (22) 04.08.2020  
(54) An antenna assembly

(71) Scott, P.  
(21) 2020902762 (22) 06.08.2020  
(54) MEDICAL APPARATUS

(71) Sebal Pty Ltd  
(21) 2020902748 (22) 05.08.2020  
(54) Furniture Construction

(71) Sette, S.  
(21) 2020902773 (22) 06.08.2020  
(54) Duo-Klenz or Duoklenz is an innovative product that allows the sanitation of one's desk or office environment before work is commenced.

Provisional Applications Filed - Name Index cont'd

(71) Shade Chic Pty Ltd  
(21) 2020902787 (22) 07.08.2020  
(54) Golf Aid Device

(71) Stay or Go Holding Pty Ltd  
(21) 2020902734 (22) 04.08.2020  
(54) SYSTEM AND METHOD FOR CUSTOMER RETENTION

(71) Steel-Line Garage Doors Australia Pty Ltd  
(21) 2020902789 (22) 07.08.2020  
(54) Roller shutter clip, roller shutter, and roller shutter assembly

(71) Steinhardt Corporation Pty Ltd; Adds Up Engineering Pty Ltd  
(21) 2020902772 (22) 06.08.2020  
(54) A CONVEYOR ASSEMBLY FOR LOADING A WOODCHIPPER

(71) Strategies Unleashed Pty Ltd  
(21) 2020902782 (22) 07.08.2020  
(54) Spark suppression in battery powered devices on battery connection and/or disconnection

(71) Sweetman, D.  
(21) 2020902788 (22) 07.08.2020  
(54) DEVICE FOR MEASUREMENT OF VEHICLE COLLISION SPEED

(71) Sword, N.R.  
(21) 2020902740 (22) 05.08.2020  
(54) AN IMPROVED COMBUSTION ENGINE AND PISTON ASSEMBLY THEREFOR

(71) Teo, M.  
(21) 2020902799 (22) 09.08.2020  
(54) Adjustable Earring Storage Slats on Earring Organiser

(71) The Australian National University  
(21) 2020902767 (22) 06.08.2020  
(54) Antimicrobial coating

(71) The University of Melbourne  
(21) 2020902771 (22) 06.08.2020  
(54) Isotopic purification of silicon

(71) The University of Queensland  
(21) 2020902725 (22) 04.08.2020  
(54) Multi-Modal Antenna

(71) Thoughtful Pty Limited  
(21) 2020902724 (22) 04.08.2020  
(54) System and method for persistent contactless check-in

(71) Torres, A.  
(21) 2020902778 (22) 06.08.2020  
(54) Triglyceride formulation for the delivery of cannabidiol with multiple usage composition

(71) Torres, A.  
(21) 2020902784 (22) 07.08.2020  
(54) octanoic acid formulation for use as a treatment of seborrheic dermatitis

(71) Torres, A.  
(21) 2020902798 (22) 09.08.2020  
(54) Manufacturing process of producing phosphoric acid from phosphorite

(71) Torres, A.  
(21) 2020902800 (22) 09.08.2020  
(54) Manufacturing process of producing phosphoric acid from phosphorite

(71) Torres, A.  
(21) 2020902802 (22) 09.08.2020  
(54) Method of producing cadmium from phosphorite

(71) Torres, A.  
(21) 2020902803 (22) 09.08.2020  
(54) Manufacturing process of producing uranium from phosphorite

(71) UAM Tec Pty Ltd  
(21) 2020902751 (22) 05.08.2020  
(54) An underwater wearable camera system or underwater handsfree camera system

(71) University of Technology Sydney  
(21) 2020902731 (22) 04.08.2020  
(54) High dimensional fingerprints of single nanoparticles and their use in multiplexed digital assays

(71) USCOM Limited  
(21) 2020902770 (22) 06.08.2020  
(54) System and method for thermometric normalisation of blood pressure measurements

(71) UTAS NEXUS AQUASCIENCES PTY LTD  
(21) 2020902763 (22) 06.08.2020  
(54) Nutritional Formulations and Uses Thereof

(71) UTAS NEXUS AQUASCIENCES PTY LTD  
(21) 2020902764 (22) 06.08.2020  
(54) Apparatus and Systems for Aquaculture

(71) Vassilipoulos, V.  
(21) 2020902792 (22) 07.08.2020  
(54) A Face Mask

(71) Wave Swell Energy Limited  
(21) 2020902794 (22) 07.08.2020  
(54) AN IMPROVED APPARATUS AND METHOD FOR EXTRACTING ENERGY FROM A FLUID

(71) Woodside Energy Technologies Pty Ltd  
(21) 2020902775 (22) 06.08.2020  
(54) INTEGRATED SOLAR HYDROGEN PRODUCTION MODULE

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<b>2020902722</b>	Harrison, H.	<b>2020902786</b>	Monash University
<b>2020902723</b>	Baker IDI Heart & Diabetes Institute Holdings Limited	<b>2020902787</b>	Shade Chic Pty Ltd
<b>2020902724</b>	Thoughtful Pty Limited	<b>2020902788</b>	Sweetman, D.
<b>2020902725</b>	The University of Queensland	<b>2020902789</b>	Steel-Line Garage Doors Australia Pty Ltd
<b>2020902726</b>	Gardner, A.	<b>2020902790</b>	Meld Gold Pty Ltd
<b>2020902727</b>	Player, B.	<b>2020902791</b>	Guy, A.
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<b>2020902730</b>	Nicflex Manufacturing Pty Ltd	<b>2020902794</b>	Wave Swell Energy Limited
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<b>2020902732</b>	Ostrenga, N.	<b>2020902797</b>	Johnston, D.
<b>2020902733</b>	Berkshire Renewable Energy Pty Ltd	<b>2020902798</b>	Torres, A.
<b>2020902734</b>	Stay or Go Holding Pty Ltd	<b>2020902799</b>	Teo, M.
<b>2020902735</b>	Mahoney, M.	<b>2020902800</b>	Torres, A.
<b>2020902736</b>	MercuryPM Pty Ltd	<b>2020902802</b>	Torres, A.
<b>2020902737</b>	Jackson, M.	<b>2020902803</b>	Torres, A.
<b>2020902738</b>	Hexex Pty Ltd	<b>2020902811</b>	Ermid Pty Ltd
<b>2020902739</b>	Langhans, D.		
<b>2020902740</b>	Sword, N.R.		
<b>2020902741</b>	Fasullo, J.		
<b>2020902742</b>	Cameron, A.		
<b>2020902743</b>	Margin, N.		
<b>2020902744</b>	Fusion HVAC Pty Ltd		
<b>2020902745</b>	Cumpston, P.		
<b>2020902746</b>	Axis Innovation Pty Ltd		
<b>2020902747</b>	Rennie, S.		
<b>2020902748</b>	Sebal Pty Ltd		
<b>2020902749</b>	Robertson, J.W.; Cooney, W.P.		
<b>2020902750</b>	Hendry, C.		
<b>2020902751</b>	UAM Tec Pty Ltd		
<b>2020902752</b>	Imtrade Australia Pty Ltd		
<b>2020902753</b>	Environmental Water Solutions Pty. Ltd.		
<b>2020902754</b>	Gardner, A.		
<b>2020902755</b>	JJM PARTNERS PTY LTD		
<b>2020902756</b>	Commonwealth Scientific and Industrial Research Organisation		
<b>2020902757</b>	ETAIL Investments Pty Ltd		
<b>2020902758</b>	LONGREACH AGRICULTURE PTY LTD		
<b>2020902759</b>	Ryan, B.		
<b>2020902760</b>	Ensen Pty Ltd		
<b>2020902761</b>	Commonwealth Scientific and Industrial Research Organisation		
<b>2020902762</b>	Scott, P.		
<b>2020902763</b>	UTAS NEXUS AQUASCIENCES PTY LTD		
<b>2020902764</b>	UTAS NEXUS AQUASCIENCES PTY LTD		
<b>2020902765</b>	Arakel, A.; Pact Renewables Pty Ltd		
<b>2020902766</b>	HC INNOVATION PTY LTD		
<b>2020902767</b>	The Australian National University		
<b>2020902768</b>	Packer, J.; Hampel, I.		
<b>2020902769</b>	Ozroll IP Pty Ltd		
<b>2020902770</b>	USCOM Limited		
<b>2020902771</b>	The University of Melbourne		
<b>2020902772</b>	Steinhardt Corporation Pty Ltd; Adds Up Engineering Pty Ltd		
<b>2020902773</b>	Sette, S.		
<b>2020902774</b>	Sabeti, S.		
<b>2020902775</b>	Woodside Energy Technologies Pty Ltd		
<b>2020902776</b>	Rudders RLS Pty Ltd		
<b>2020902777</b>	Lions Eye Institute Limited		
<b>2020902778</b>	Torres, A.		
<b>2020902779</b>	Macfarlane Bunet Institute for Medical Research and Public Health Limited		
<b>2020902780</b>	Alcoa of Australia Limited		
<b>2020902781</b>	ENVIRO STRAW PTY LTD; Carmichael, P.		
<b>2020902782</b>	Strategies Unleashed Pty Ltd		
<b>2020902783</b>	Gardner, A.		
<b>2020902784</b>	Torres, A.		
<b>2020902785</b>	CLOUDWATCH PTY LTD		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Aug 2020 .

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

<hr/> <p>(71) A.C.N. 643 159 031 PTY LTD (21) 2020213363 (22) 06.08.2020 (54) A HORTICULTURAL CONTROL SYSTEM (62) 2016302618</p> <hr/> <p>(71) ABB Schweiz AG (21) 2020213278 (22) 03.08.2020 (54) Device and method for controlling an interface for a power utility (31) 19190884.7 (32) 08.08.19 (33) EP</p> <hr/> <p>(71) Abide Therapeutics, Inc. (21) 2020213382 (22) 07.08.2020 (54) Methods of treating inflammation or neuropathic pain (62) 2016262459</p> <hr/> <p>(71) Acceleron Pharma, Inc. (21) 2020210315 (22) 03.08.2020 (54) Methods and compositions for treatment of disorders with follistatin polypeptides (62) 2015269333</p> <hr/> <p>(71) Adaptive Biotechnologies Corporation; Fred Hutchinson Cancer Research Center (21) 2020213348 (22) 06.08.2020 (54) UNIQUELY TAGGED REARRANGED ADAPTIVE IMMUNE RECEPTOR GENES IN A COMPLEX GENE SET (62) 2014232314</p> <hr/> <p>(71) AdvanSix Resins &amp; Chemicals LLC (21) 2020213300 (22) 04.08.2020 (54) Branched, terminated polyamide compositions (62) 2018249397</p> <hr/> <p>(71) Alarm.Com Incorporated (21) 2020213380 (22) 07.08.2020 (54) ROBOTIC ASSISTANCE IN SECURITY MONITORING (62) 2016228529</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020213292 (22) 04.08.2020 (54) TABLE GAME SYSTEM (62) 2018214112</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020213356 (22) 06.08.2020</p>	<p>(54) Management system for table games, substitute currency for gaming, inspection device, and management system of substitute currency for gaming (62) 2016302618</p> <hr/> <p>(71) Apple Inc. (21) 2020213353 (22) 06.08.2020 (54) Electronic text manipulation and display (62) 2018202847</p> <hr/> <p>(71) Aquestive Therapeutics, Inc. (21) 2020213322 (22) 05.08.2020 (54) PROCESS FOR ANALYZING AND ESTABLISHING DOSAGE SIZE IN AN INGESTIBLE FILM (62) 2017200625</p> <hr/> <p>(71) ARB Corporation Ltd (21) 2020213270 (22) 03.08.2020 (54) Receptacle assembly (31) 2019902744 (32) 01.08.19 (33) AU</p> <hr/> <p>(71) Arch Wood Protection Pty Ltd (21) 2020213343 (22) 06.08.2020 (54) Anti-fungal potentiators (62) 2016281197</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020213284 (22) 03.08.2020 (54) AN ELECTRONIC METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (62) 2018203974</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020213327 (22) 05.08.2020 (54) GAMING MACHINES AND METHOD FOR MULTIPLAYER GAME MACHINE DISPLAY (31) 16/532,177 (32) 05.08.19 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020213364 (22) 06.08.2020 (54) A GAMING MACHINE AND A METHOD OF GAMING (62) 2018204124</p> <hr/> <p><b>Autolus Ltd see UCL Business PLC</b> (21) 2020213352</p>	<hr/> <p>(71) Bellator Pty Ltd (21) 2020210311 (22) 01.08.2020 (54) A Method of Innovation (62) 2019204956</p> <hr/> <p>(71) Bidi Vapor, LLC (21) 2020213404 (22) 07.08.2020 (54) Vaporization Device with Nozzle Cap (31) 16/987,190 (32) 06.08.20 (33) US</p> <hr/> <p>(71) Bidi Vapor, LLC (21) 2020213405 (22) 07.08.2020 (54) Vaporization Device with Bottom Cap (31) 16/987,212 (32) 06.08.20 (33) US</p> <hr/> <p>(71) Bidi Vapor, LLC (21) 2020213407 (22) 07.08.2020 (54) Vaporization Device (31) 16/987,207 (32) 06.08.20 (33) US</p> <hr/> <p>(71) Bidi Vapor, LLC (21) 2020213408 (22) 07.08.2020 (54) Vaporization Device with Heating Component (31) 16/987,229 (32) 06.08.20 (33) US</p> <hr/> <p>(71) BioGen MA Inc. (21) 2020213345 (22) 06.08.2020 (54) Dimethyl fumarate and vaccination regimens (62) 2018229422</p> <hr/> <p>(71) Bionime Corporation (21) 2020213271 (22) 03.08.2020 (54) Physiological signal monitoring device (31) 62/882,140 (32) 02.08.19 (33) US 109109242 19.03.20 TW 109100968 10.01.20 TW 109100852 10.01.20 TW</p> <hr/> <p>(71) Bionime Corporation (21) 2020213272 (22) 03.08.2020 (54) Insertion device for a biosensor and insertion method thereof (31) 62/882,140 (32) 02.08.20 (33) US 109100967 10.01.20 TW</p> <hr/> <p>(71) Bionime Corporation (21) 2020213273 (22) 03.08.2020</p>
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(54) Physiological signal monitoring device	(71) Cerra Metal Works Pty Ltd	
(31) 109109245 (32) 19.03.20 (33) TW	(21) 2020213365 (22) 06.08.2020	
109100968 10.01.20 TW	(54) A brick tie	
109100852 10.01.20 TW	(31) 2019903004 (32) 19.08.19 (33) AU	(71) Dynaflow Pty Ltd
62/882,140 02.08.19 US		(21) 2020213285 (22) 03.08.2020
		(54) Risk Control
		(62) 2014253581
(71) Bionime Corporation	(71) Cheetah Medical, Inc.	
(21) 2020213274 (22) 03.08.2020	(21) 2020213344 (22) 06.08.2020	
(54) Physiological signal monitoring device with an electrostatic-discharge protective mechanism	(54) METHOD AND SYSTEM FOR MONITORING HEMODYNAMICS	(71) Ecolab USA Inc.
(31) 62/882140 (32) 02.08.19 (33) US	(62) 2018250405	(21) 2020213358 (22) 06.08.2020
109110966 31.03.20 TW		(54) Product yield loss management
		(62) 2015264335
(71) BlendJet Inc.	(71) Coin Rides Pty Ltd	
(21) 2020213350 (22) 06.08.2020	(21) 2020213312 (22) 05.08.2020	(71) Efa - Engineering For All Ltd.
(54) A portable and rechargeable blender	(54) Method and system for funding entertainment machines	(21) 2020213291 (22) 04.08.2020
(62) 2019280029	(62) 2018370536	(54) Micromixer
		(31) 16/532,558 (32) 06.08.19 (33) US
(71) BLY IP Inc.	(71) Colgate-Palmolive Company	
(21) 2020213298 (22) 04.08.2020	(21) 2020213279 (22) 03.08.2020	(71) Emerging Compounds Treatment Technologies, Inc.
(54) Diamond bodies and tools for gripping drill rods	(54) Fabric conditioners	(21) 2020213340 (22) 06.08.2020
(62) 2018311062	(62) 2019204345	(54) A SUSTAINABLE SYSTEM AND METHOD FOR REMOVING AND CONCENTRATING PER-AND POLY-FLUOROALKYL SUBSTANCES (PFAS) FROM WATER
		(62) 2017249070
(71) Boehringer Ingelheim Animal Health USA Inc.	(71) Commonwealth Scientific and Industrial Research Organisation	
(21) 2020213297 (22) 04.08.2020	(21) 2020213375 (22) 07.08.2020	(71) Ercole Biotech, Inc.; Santaris Pharma A/S; The University of North Carolina at Chapel Hill
(54) Anthelmintic depsipeptide compounds	(54) Confidential validation of summations	(21) 2020213269 (22) 03.08.2020
(62) 2016264635	(31) 2019903694 (32) 01.10.19 (33) AU	(54) SOLUBLE TNF RECEPTORS AND THEIR USE IN TREATMENT OF DISEASE
		(62) 2019204272
(71) BONGIOVI ACOUSTICS LLC.	(71) Conley, P.	
(21) 2020213326 (22) 05.08.2020	(21) 2020213267 (22) 03.08.2020	(71) Eretzysraeldovid, M.
(54) System and method for digital signal processing	(54) Obesity Not is a Preventative Maintenance program Designing weight loss packages for individuals to address overweight, Obese, and or Pre/Post Surgeries	(21) 2020213281 (22) 03.08.2020
(62) 2014340178		(54) SARS-CoV-2COVID-19IMMUNE266620 VACCINE
(71) Bonutra AG; Herbitat Lifesciences, LLP	(71) CSR Building Products Limited	
(21) 2020213307 (22) 05.08.2020	(21) 2020213342 (22) 06.08.2020	(71) Fred Hutchinson Cancer Research Center see Adaptive Biotechnologies Corporation
(54) NATURAL AND/OR ORGANIC DISINTEGRANT PRE-MIXES FOR (ORAL) SOLID DOSAGE FORMS	(54) CONSTRUCTION MEMBRANE	(21) 2020213348
(31) 19202932.0 (32) 14.10.19 (33) EP	(31) 2019902824 (32) 07.08.19 (33) AU	
(71) Braintree Laboratories, Inc.	(71) Deere & Company	
(21) 2020213378 (22) 07.08.2020	(21) 2020213335 (22) 06.08.2020	(71) Gannon, F.G.
(54) Dual use oral pharmaceutical composition tablets of sulfate salts and methods of use thereof	(54) Mobile work machine with object detection and machine path visualization	(21) 2020213419 (22) 06.08.2020
(62) 2019201511	(31) 16/567,789 (32) 11.09.19 (33) US	(54) Magnetic Motor
(71) CASTIGLIONE, A.	(71) Deere & Company	
(21) 2020213360 (22) 06.08.2020	(21) 2020213337 (22) 06.08.2020	(71) Gen-Probe Incorporated
(54) Improved Exercise Roller	(54) Mobile work machine with object detection using vision recognition	(21) 2020210271 (22) 31.07.2020
(62) 2019202854	(31) 16/567,735 (32) 11.09.19 (33) US	(54) Method and apparatus for printing on an object having a curved surface
		(62) 2015335904
(71) CATERPILLAR INC.	(71) Depuy Synthes Products, INC.	
(21) 2020213324 (22) 05.08.2020	(21) 2020213372 (22) 07.08.2020	(71) Gen-Probe Incorporated
(54) INCYCLE PLANNER CHECKOUT FOR AUTONOMOUS VEHICLES	(54) Step feature for steerable guidewires	(21) 2020210272 (22) 31.07.2020
(31) 16/553,573 (32) 28.08.19 (33) US	(62) 2015205964	(54) Method and apparatus for printing on an object having a curved surface
		(62) 2015335904
(71) Diogenes Limited	(71) Diogenes Limited	
(21) 2020213361 (22) 06.08.2020	(21) 2020213361 (22) 06.08.2020	
(54) Wagering apparatus, methods and systems	(54) Wagering apparatus, methods and systems	
(62) 2018204446	(62) 2018204446	



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(71) Georgetown Software House, Inc.  
 (21) 2020213370 (22) 07.08.2020  
 (54) Systems and techniques for securely processing disparate data sets in spreadsheets

(71) Google LLC  
 (21) 2020213317 (22) 05.08.2020  
 (54) ATTENTION-BASED SEQUENCE TRANSDUCTION NEURAL NETWORKS  
 (62) 2018271931

(71) Google LLC  
 (21) 2020213318 (22) 05.08.2020  
 (54) ATTENTION-BASED SEQUENCE TRANSDUCTION NEURAL NETWORKS  
 (62) 2018271931

(71) GT SYSTEMS PTY LTD  
 (21) 2020213277 (22) 03.08.2020  
 (54) Media distribution and management system and apparatus  
 (62) 2015342719

(71) Hamdy, E.  
 (21) 2020213330 (22) 06.08.2020  
 (54) FOUR-LIMB AND REST-CORRECTED PHYSIOLOGIC AND MECHANOPHYSIOLOGIC WORK OUTPUT, EFFICIENCY, EXHAUSTION AND ADAPTATION ANALYSIS SOFTWARE

**Herbitat Lifesciences, LLP see Bonutra AG**  
 (21) 2020213307

(71) Immatics Biotechnologies GmbH  
 (21) 2020213294 (22) 04.08.2020  
 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST HEPATOCELLULAR CARCINOMA (HCC) AND OTHER CANCERS  
 (62) 2015371490

(71) Immatics Biotechnologies GmbH  
 (21) 2020213295 (22) 04.08.2020  
 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST HEPATOCELLULAR CARCINOMA (HCC) AND OTHER CANCERS  
 (62) 2015371490

(71) INCYTE CORPORATION  
 (21) 2020213313 (22) 05.08.2020  
 (54) TREATMENT OF B-CELL MALIGNANCIES BY A COMBINATION JAK AND PI3K INHIBITOR  
 (62) 2015244044

**Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania**  
 (21) 2020213308

(71) Interdigital Patent Holdings, Inc.  
 (21) 2020213280 (22) 03.08.2020  
 (54) Media presentation description  
 (62) 2018203537

(71) iRhythm Technologies, Inc.  
 (21) 2020213276 (22) 03.08.2020  
 (54) Wireless physiological monitoring device and systems  
 (62) 2015338967

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (21) 2020213381 (22) 07.08.2020  
 (54) Industrial Vehicle  
 (31) 2019-148570 (32) 13.08.19 (33) JP

(71) Kite Pharma, Inc.  
 (21) 2020210684 (22) 03.08.2020  
 (54) Antigen binding molecules and methods of use thereof  
 (62) 2017297347

(71) Kivu Consulting, Inc.  
 (21) 2020213347 (22) 06.08.2020  
 (54) SYSTEMS AND METHODS FOR REMOTE IDENTIFICATION OF ENTERPRISE THREATS  
 (62) 2017321618

(71) Lava Therapeutics B.V.  
 (21) 2020213325 (22) 05.08.2020  
 (54) Immunoglobulins binding human  $\gamma 9\delta 2$  T cell receptors  
 (62) 2015244489

(71) LG ELECTRONICS INC.  
 (21) 2020213391 (22) 07.08.2020  
 (54) DEVICE FOR DRIVING A PLURALITY OF MOTORS AND ELECTRIC APPARATUS INCLUDING THE SAME  
 (31) 10-2019-0096971 (32) 08.08.19 (33) KR  
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(71) Li, J.  
 (21) 2020213336 (22) 06.08.2020  
 (54) LAUNDRY BOX AND MACHINE FOR SEPARATELY WASHING CLOTHES  
 (31) 202021099686.1 (32) 15.06.20 (33) CN

(71) Lippert Components, Inc.  
 (21) 2020213399 (22) 07.08.2020  
 (54) Manually-Operable Hydraulic Stabilizing System  
 (31) 16/541,220 (32) 15.08.19 (33) US

(21) 2020213387

(71) Lorincz, M.; Lorincz, M.  
 (21) 2020213387 (22) 07.08.2020  
 (54) A Method and System for Identifying a Worker  
 (31) 2019902845 (32) 08.08.19 (33) AU

(71) Mai, X.L.  
 (21) 2020213349 (22) 06.08.2020  
 (54) A window assembly and method for attaching a window assembly  
 (31) 2019902815 (32) 06.08.19 (33) AU

(71) Monsanto Technology LLC  
 (21) 2020213290 (22) 04.08.2020  
 (54) METHOD OF CLEANING RESIDUAL PESTICIDE FROM AN AGRICULTURAL VESSEL  
 (62) 2018204031

(71) Motorola Solutions, Inc.  
 (21) 2020213304 (22) 05.08.2020  
 (54) TRANSFERRING COMPUTER AIDED DISPATCH INCIDENT DATA BETWEEN PUBLIC SAFETY ANSWERING POINT STATIONS  
 (31) 16/557,345 (32) 30.08.19 (33) US

(71) Nektar Therapeutics; Nektar Therapeutics (India) Pvt. Ltd.  
 (21) 2020213296 (22) 04.08.2020  
 (54) IL-2R $\beta$ -selective agonists in combination with an anti-CTLA-4 antibody or an anti-PD-1 antibody  
 (62) 2015220408

**Nektar Therapeutics (India) Pvt. Ltd. see Nektar Therapeutics**  
 (21) 2020213296

(71) Neupharma, Inc.  
 (21) 2020210312 (22) 02.08.2020  
 (54) Certain chemical entities, compositions, and methods  
 (62) 2016220219

(71) Nortek Air Solutions Canada, Inc.  
 (21) 2020213323 (22) 05.08.2020  
 (54) Control system and method for a liquid desiccant air delivery system  
 (62) 2019201063

(71) NUEVOLUTION A/S  
 (21) 2020213282 (22) 03.08.2020  
 (54) Optionally fused heterocyclyl-substituted derivatives of pyrimidine useful for the treatment of inflammatory, metabolic, oncologic and autoimmune diseases  
 (62) 2015299142

Lorincz, M. see Lorincz, M.

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<p>(71) Opie, S. (21) 2020210313 (22) 02.08.2020 (54) A masking tape disc to cover a downlight while painting (62) 2017339510</p>	<p>(71) Safety First Pty Ltd (21) 2020213301 (22) 04.08.2020 (54) Suspension (31) 2019902795 (32) 05.08.19 (33) AU</p>	<p>(71) The Boeing Company (21) 2020213403 (22) 07.08.2020 (54) Nut plate assembly (31) 16/537,805 (32) 12.08.19 (33) US</p>
<p>(71) Oric Pharmaceuticals, Inc. (21) 2020213316 (22) 05.08.2020 (54) Inhibitors of glucocorticoid receptor (62) 2017339510</p>	<p>(71) Samsung Electronics Co., Ltd. (21) 2020213328 (22) 05.08.2020 (54) Antenna module and electronic device for using the antenna module (31) 10-2019-0094745 (32) 05.08.19 (33) KR 10-2020-0094609 29.07.20 KR</p>	<p>(71) The Gillette Company LLC (21) 2020213275 (22) 03.08.2020 (54) SHAVING RAZOR CARTRIDGE AND METHOD OF ASSEMBLING (62) 2017324164</p>
<p>(71) Oyster Point Pharma, Inc. (21) 2020213351 (22) 06.08.2020 (54) METHODS OF TREATING OCULAR CONDITIONS (62) 2015336216</p>	<p>(71) Sangamo Therapeutics, Inc. (21) 2020213379 (22) 07.08.2020 (54) Delivery Methods And Compositions For Nuclease-Mediated Genome Engineering (62) 2014337248</p>	<p>(71) The Procter &amp; Gamble Company (21) 2020213302 (22) 04.08.2020 (54) Multi-phase oral composition for tooth whitening (62) 2017350743</p>
<p>(71) Phagenesis Limited (21) 2020213333 (22) 06.08.2020 (54) Catheter for recovery of dysphagia (62) 2015341514</p>	<p><b>Santaris Pharma A/S see Ercole Biotech, Inc.</b> (21) 2020213269</p>	<p>(71) The Procter &amp; Gamble Company (21) 2020213303 (22) 04.08.2020 (54) Multi-phase oral composition for oral care (62) 2017350746</p>
<p>(71) Phagenesis Limited (21) 2020213338 (22) 06.08.2020 (54) Catheter for recovery of dysphagia (62) 2015341514</p>	<p>(71) SignPath Pharma, Inc. (21) 2020213354 (22) 06.08.2020 (54) Prevention of drug-induced atrio-ventricular block (62) 2017257496</p>	<p>(71) The Regents of the University of California; University College Dublin (21) 2020213329 (22) 05.08.2020 (54) THIOSACCHARIDE MUCOLYTIC AGENTS (62) 2019200171</p>
<p>(71) PhysIQ Inc. (21) 2020213311 (22) 05.08.2020 (54) Multivariate residual-based health index for human health monitoring (62) 2019202009</p>	<p>(71) Snap-on Incorporated (21) 2020213319 (22) 05.08.2020 (54) Fastener retention and anti-camout tool bit (31) 16/582,793 (32) 25.09.19 (33) US</p>	<p>(71) The Regents of the University of California; University College Dublin (21) 2020213367 (22) 06.08.2020 (54) THIOSACCHARIDE MUCOLYTIC AGENTS (62) 2019200171</p>
<p>(71) President and Fellows of Harvard College (21) 2020213320 (22) 05.08.2020 (54) CAS9 PROTEINS INCLUDING LIGAND-DEPENDENT INTEINS (62) 2015298571</p>	<p>(71) Snap-on Incorporated (21) 2020213384 (22) 07.08.2020 (54) Flex joint lock button (31) 16/554,718 (32) 29.08.19 (33) US</p>	<p>(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc. (21) 2020213308 (22) 05.08.2020 (54) Improved HCV vaccines and methods for using the same (62) 2017272205</p>
<p>(71) Project Legacy Pty Ltd (21) 2020213283 (22) 03.08.2020 (54) SYSTEM AND METHOD OF IDENTIFYING, AND MAKING AVAILABLE, INFORMATION RELATING TO PERSONS OR EVENTS (62) 2016324343, 2019216884</p>	<p>(71) Soft Rigging Solutions Pty Ltd (21) 2020213366 (22) 06.08.2020 (54) RECOVERY AND LIFTING ASSEMBLY COMPONENTS (62) 2020200364</p>	<p><b>The University of North Carolina at Chapel Hill see Ercole Biotech, Inc.</b> (21) 2020213269</p>
<p>(71) PROMEGA CORPORATION (21) 2020213288 (22) 04.08.2020 (54) Activation of bioluminescence by structural complementation (62) 2018256548</p>	<p>(71) Stramit Corporation Pty Limited (21) 2020213331 (22) 06.08.2020 (54) GUTTER CONNECTOR (31) 2019903023 (32) 20.08.19 (33) AU</p>	<p>(71) Thru Tubing Solutions, Inc. (21) 2020210316 (22) 03.08.2020 (54) PLUGGING DEVICE DEPLOYMENT (62) 2016297438</p>
<p>(71) Reid, J. (21) 2020213341 (22) 06.08.2020 (54) A frame assembly (62) 2018278895</p>	<p>(71) Suntory Holdings Limited (21) 2020213309 (22) 05.08.2020 (54) Fading reduced beverage (62) 2018250438</p>	<p>(71) T-Mobile USA, Inc. (21) 2020210310 (22) 31.07.2020 (54) Optimum network performance improvement solutions selection systems and methods (31) 16/529702 (32) 01.08.19 (33) US</p>
<p>(71) Roof Hugger, LLC (21) 2020213368 (22) 06.08.2020 (54) REINFORCED NOTCHED SUB-PURLIN (31) 62/886,176 (32) 13.08.19 (33) US</p>	<p>(71) The Boeing Company (21) 2020213359 (22) 06.08.2020 (54) Induction welding using a heat sink and/or cooling (31) 16/532,954 (32) 06.08.19 (33) US</p>	

Complete Applications Filed - Name Index cont'd

(71) TNBT Holdings Pty Limited  
 (21) 2020213332 (22) 06.08.2020  
 (54) A Lock  
 (31) 2019903005 (32) 19.08.19 (33) AU

(71) Tsinghua University  
 (21) 2020213289 (22) 04.08.2020  
 (54) Method for extracting and enriching gold with selenide  
 (31) 201911049189.2 (32) 31.10.19 (33) CN

(71) TuSimple, Inc.  
 (21) 2020213373 (22) 07.08.2020  
 (54) Vehicle weight distribution determination  
 (31) 62/886,280 (32) 13.08.19 (33) US

(71) UCL Business PLC; Autolus Ltd  
 (21) 2020213352 (22) 06.08.2020  
 (54) Cell  
 (62) 2015370679

(71) UNGRIND PTY. LTD.  
 (21) 2020213321 (22) 05.08.2020  
 (54) CovidPass (Covid Pass), also known as VisitorPass (Visitor Pass) is a digital cloud-based software service whereby a user can read a QR code on their device with a QR scanner which redirected the user to a screening questions form which they can complete. Depending on the user's answers they submit, they are generated with a conditional digital pass containing their answers, date/timestamp and details of the business who's QR code they scanned.

(71) Universal Polymers Pty Ltd  
 (21) 2020213266 (22) 03.08.2020  
 (54) Termite Collar For Conduits  
 (31) 2019902750 (32) 01.08.19 (33) AU

(71) Universitat Bern  
 (21) 2020213369 (22) 06.08.2020  
 (54) Thiazolidinone compounds and their use in the treatment of psychiatric or neurological disorders and inflammation, in particular neuroinflammation  
 (62) 2015265865

University College Dublin see The Regents of the University of California  
 (21) 2020213329

University College Dublin see The Regents of the University of California  
 (21) 2020213367

(71) Villis, M.  
 (21) 2020213286 (22) 03.08.2020  
 (54) SEPARATOR FOR A GRAPE COLLECTION UNIT

(71) Westinghouse Air Brake Technologies Corporation  
 (21) 2020213299 (22) 04.08.2020  
 (54) INFRASTRUCTURE DETECTION AND MONITORING SYSTEM  
 (31) 62/882,914 (32) 05.08.19 (33) US  
 62/899,640 12.09.19 US  
 16/726,999 26.12.19 US  
 16/943,526 30.07.20 US

(71) Whitehead Institute for Biomedical Research  
 (21) 2020213357 (22) 06.08.2020  
 (54) Reprogramming of somatic cells  
 (62) 2018202509

(71) White Swell Medical Ltd  
 (21) 2020213362 (22) 06.08.2020  
 (54) Systems and methods for reducing pressure at an outflow of a duct  
 (62) 2016259860

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<b>2020210271</b>	Gen-Probe Incorporated	<b>2020213330</b>	Hamdy, E.
<b>2020210272</b>	Gen-Probe Incorporated	<b>2020213331</b>	Stramit Corporation Pty Limited
<b>2020210310</b>	T-Mobile USA, Inc.	<b>2020213332</b>	TNBT Holdings Pty Limited
<b>2020210311</b>	Bellator Pty Ltd	<b>2020213333</b>	Phagenesis Limited
<b>2020210312</b>	Neupharma, Inc.	<b>2020213335</b>	Deere & Company
<b>2020210313</b>	Opie, S.	<b>2020213336</b>	Li, J.
<b>2020210315</b>	Accelaron Pharma, Inc.	<b>2020213337</b>	Deere & Company
<b>2020210316</b>	Thru Tubing Solutions, Inc.	<b>2020213338</b>	Phagenesis Limited
<b>2020210684</b>	Kite Pharma, Inc.	<b>2020213340</b>	Emerging Compounds Treatment Technologies, Inc.
<b>2020213266</b>	Universal Polymers Pty Ltd	<b>2020213341</b>	Reid, J.
<b>2020213267</b>	Conley, P.	<b>2020213342</b>	CSR Building Products Limited
<b>2020213269</b>	Ercole Biotech, Inc.; Santaris Pharma A/S; The University of North Carolina at Chapel Hill	<b>2020213343</b>	Arch Wood Protection Pty Ltd
<b>2020213270</b>	ARB Corporation Ltd	<b>2020213344</b>	Cheetah Medical, Inc.
<b>2020213271</b>	Bionime Corporation	<b>2020213345</b>	BioGen MA Inc.
<b>2020213272</b>	Bionime Corporation	<b>2020213347</b>	Kivu Consulting, Inc.
<b>2020213273</b>	Bionime Corporation	<b>2020213348</b>	Adaptive Biotechnologies Corporation; Fred Hutchinson Cancer Research Center
<b>2020213274</b>	Bionime Corporation	<b>2020213349</b>	Mai, X.L.
<b>2020213275</b>	The Gillette Company LLC	<b>2020213350</b>	BlendJet Inc.
<b>2020213276</b>	iRhythm Technologies, Inc.	<b>2020213351</b>	Oyster Point Pharma, Inc.
<b>2020213277</b>	GT SYSTEMS PTY LTD	<b>2020213352</b>	UCL Business PLC; Autolus Ltd
<b>2020213278</b>	ABB Schweiz AG	<b>2020213353</b>	Apple Inc.
<b>2020213279</b>	Colgate-Palmolive Company	<b>2020213354</b>	SignPath Pharma, Inc.
<b>2020213280</b>	Interdigital Patent Holdings, Inc.	<b>2020213356</b>	Angel Playing Cards Co., Ltd.
<b>2020213281</b>	Eretzysiraeldovid, M.	<b>2020213357</b>	Whitehead Institute for Biomedical Research
<b>2020213282</b>	NUEVOLUTION A/S	<b>2020213358</b>	Ecolab USA Inc.
<b>2020213283</b>	Project Legacy Pty Ltd	<b>2020213359</b>	The Boeing Company
<b>2020213284</b>	Aristocrat Technologies Australia Pty Limited	<b>2020213360</b>	CASTIGLIONE, A.
<b>2020213285</b>	Dynaflow Pty Ltd	<b>2020213361</b>	Diogenes Limited
<b>2020213286</b>	Villis, M.	<b>2020213362</b>	White Swell Medical Ltd
<b>2020213288</b>	PROMEGA CORPORATION	<b>2020213363</b>	A.C.N. 643 159 031 PTY LTD
<b>2020213289</b>	Tsinghua University	<b>2020213364</b>	Aristocrat Technologies Australia Pty Limited
<b>2020213290</b>	Monsanto Technology LLC	<b>2020213365</b>	Cerra Metal Works Pty Ltd
<b>2020213291</b>	EfA - Engineering For All Ltd.	<b>2020213366</b>	Soft Rigging Solutions Pty Ltd
<b>2020213292</b>	Angel Playing Cards Co., Ltd.	<b>2020213367</b>	The Regents of the University of California; University College Dublin
<b>2020213294</b>	Immatics Biotechnologies GmbH	<b>2020213368</b>	Roof Hugger, LLC
<b>2020213295</b>	Immatics Biotechnologies GmbH	<b>2020213369</b>	Universitat Bern
<b>2020213296</b>	Nektar Therapeutics; Nektar Therapeutics (India) Pvt. Ltd.	<b>2020213370</b>	Georgetown Software House, Inc.
<b>2020213297</b>	Boehringer Ingelheim Animal Health USA Inc.	<b>2020213372</b>	Depuy Synthes Products, INC.
<b>2020213298</b>	BLY IP Inc.	<b>2020213373</b>	TuSimple, Inc.
<b>2020213299</b>	Westinghouse Air Brake Technologies Corporation	<b>2020213375</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2020213300</b>	AdvanSix Resins & Chemicals LLC	<b>2020213378</b>	Braintree Laboratories, Inc.
<b>2020213301</b>	Safety First Pty Ltd	<b>2020213379</b>	Sangamo Therapeutics, Inc.
<b>2020213302</b>	The Procter & Gamble Company	<b>2020213380</b>	Alarm.Com Incorporated
<b>2020213303</b>	The Procter & Gamble Company	<b>2020213381</b>	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
<b>2020213304</b>	Motorola Solutions, Inc.	<b>2020213382</b>	Abide Therapeutics, Inc.
<b>2020213307</b>	Bonutra AG; Herbitat Lifesciences, LLP	<b>2020213384</b>	Snap-on Incorporated
<b>2020213308</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.	<b>2020213387</b>	Lorincz, M.; Lorincz, M.
<b>2020213309</b>	Suntory Holdings Limited	<b>2020213391</b>	LG ELECTRONICS INC.
<b>2020213311</b>	PhysIQ Inc.	<b>2020213399</b>	Lippert Components, Inc.
<b>2020213312</b>	Coin Rides Pty Ltd	<b>2020213403</b>	The Boeing Company
<b>2020213313</b>	INCYTE CORPORATION	<b>2020213404</b>	Bidi Vapor, LLC
<b>2020213316</b>	Oric Pharmaceuticals, Inc.	<b>2020213405</b>	Bidi Vapor, LLC
<b>2020213317</b>	Google LLC	<b>2020213407</b>	Bidi Vapor, LLC
<b>2020213318</b>	Google LLC	<b>2020213408</b>	Bidi Vapor, LLC
<b>2020213319</b>	Snap-on Incorporated	<b>2020213419</b>	Gannon, F.G.
<b>2020213320</b>	President and Fellows of Harvard College		
<b>2020213321</b>	UNGRIND PTY. LTD.		
<b>2020213322</b>	Aquestive Therapeutics, Inc.		
<b>2020213323</b>	Nortek Air Solutions Canada, Inc.		
<b>2020213324</b>	CATERPILLAR INC.		
<b>2020213325</b>	Lava Therapeutics B.V.		
<b>2020213326</b>	BONGIOVI ACOUSTICS LLC.		
<b>2020213327</b>	Aristocrat Technologies Australia Pty Limited		
<b>2020213328</b>	Samsung Electronics Co., Ltd.		
<b>2020213329</b>	The Regents of the University of California; University College Dublin		

**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Aug 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p><b>A, A. see ANANTH, C.</b> <b>(21)</b> 2020101682</p> <hr/> <p><b>A, S. see K G, T.</b> <b>(21)</b> 2020101724</p> <hr/> <p><b>(71)</b> A.C.N. 643 159 031 PTY LTD <b>(21)</b> 2020101695      <b>(22)</b> 06.08.2020 <b>(54)</b> A HORTICULTURAL CONTROL SYSTEM</p> <hr/> <p><b>(71)</b> Abu-Siada, A. <b>(21)</b> 2020101683      <b>(22)</b> 05.08.2020 <b>(54)</b> Fault detection, location, and prediction within an electricity power transmission and distribution networks</p> <hr/> <p><b>(71)</b> Adams, S. <b>(21)</b> 2020101641      <b>(22)</b> 04.08.2020 <b>(54)</b> FACE MASK MADE FROM TRANSPARENT MATERIAL</p> <hr/> <p><b>A G, G.K. see K G, T.</b> <b>(21)</b> 2020101724</p> <hr/> <p><b>(71)</b> Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs; Tianjin Agricultural University <b>(21)</b> 2020101607      <b>(22)</b> 01.08.2020 <b>(54)</b> Method for rapidly predicting nitrogen and phosphorus content in slurry movement routes of multiple different large-scale dairy farms by comprehensively integrating all factors <b>(31)</b> 201910803971.2      <b>(32)</b> 28.08.19 <b>(33)</b> CN</p> <hr/> <p><b>Ahirwar, G.K. see Suragala, A.</b> <b>(21)</b> 2020101611</p> <hr/> <p><b>Ahmed, M.A. see Garg, L.</b> <b>(21)</b> 2020101619</p> <hr/> <p><b>Aljabr, A.A. see Dadheech, P.</b> <b>(21)</b> 2020101719</p> <hr/> <p><b>(71)</b> ANANTH, C.; K, P.; K, N.; S, N.; D, M.; BR, N.; A, A.; Emmanuel, G.; Ranjithamani, D.A.; Annie Retna V, S. <b>(21)</b> 2020101682      <b>(22)</b> 05.08.2020</p>	<p><b>(54)</b> ELECTROCARDIOGRAM REMOTE MONITORING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE</p> <hr/> <p><b>(71)</b> Anhui Science And Technology University <b>(21)</b> 2020101602      <b>(22)</b> 31.07.2020 <b>(54)</b> A Method for Rapidly Preparing Stevia Leaf Protoplasts</p> <hr/> <p><b>Annie Retna V, S. see ANANTH, C.</b> <b>(21)</b> 2020101682</p> <hr/> <p><b>(71)</b> Apple Inc. <b>(21)</b> 2020101715      <b>(22)</b> 07.08.2020 <b>(54)</b> Avatar creation user interface <b>(62)</b> 2020100675</p> <hr/> <p><b>(71)</b> Australian Portable Toilets Pty Ltd <b>(21)</b> 2020101707      <b>(22)</b> 07.08.2020 <b>(54)</b> Roof for portable bathroom <b>(31)</b> 2019902825      <b>(32)</b> 07.08.19 <b>(33)</b> AU</p> <hr/> <p><b>B, M.K. see Suragala, A.</b> <b>(21)</b> 2020101611</p> <hr/> <p><b>B, S.K. see Suragala, A.</b> <b>(21)</b> 2020101618</p> <hr/> <p><b>B.P.R.V.S, P. see M, S.</b> <b>(21)</b> 2020101613</p> <hr/> <p><b>(71)</b> Beihang University <b>(21)</b> 2020101712      <b>(22)</b> 07.08.2020 <b>(54)</b> A MEMS miniaturized solenoid transformer and its manufacturing method</p> <hr/> <p><b>Beijing Electric Power Trading Center Co., Ltd see North China Electric Power University</b> <b>(21)</b> 2020101665</p> <hr/> <p><b>(71)</b> Beijing Normal University <b>(21)</b> 2020101605      <b>(22)</b> 31.07.2020 <b>(54)</b> A Fluid Seed Formula, Fluid Seed And Manufacturing Process Thereof Used For Vegetation Restoration of the Tidal Salt-Marsh In Coastal Wetland</p> <hr/> <p><b>(71)</b> Beijing Normal University <b>(21)</b> 2020101615      <b>(22)</b> 02.08.2020 <b>(54)</b> A Method for Source Apportionment of PAHs in Roadway Sediments Coupled with Transport and Transformation Process</p>	<hr/> <p><b>(71)</b> Beijing University of Civil Engineering and Architecture <b>(21)</b> 2020101603      <b>(22)</b> 31.07.2020 <b>(54)</b> A Method of Constructing Wide-area Damping Controller with Iterative Identification for Improving Power System Stability</p> <hr/> <p><b>(71)</b> Bellator Pty Ltd <b>(21)</b> 2020101625      <b>(22)</b> 03.08.2020 <b>(54)</b> A Method of Innovation <b>(62)</b> 2020210311</p> <hr/> <p><b>(71)</b> Binzhou University <b>(21)</b> 2020101600      <b>(22)</b> 31.07.2020 <b>(54)</b> A Method of Constructing Meminductor and Realizing the Circuit</p> <hr/> <p><b>(71)</b> Binzhou University <b>(21)</b> 2020101601      <b>(22)</b> 31.07.2020 <b>(54)</b> Circuit Implementation of a Multi-memristive and Multi-wing Chaotic System</p> <hr/> <p><b>Biradar, S. see Suragala, A.</b> <b>(21)</b> 2020101618</p> <hr/> <p><b>(71)</b> BISSELL Inc <b>(21)</b> 2020101656      <b>(22)</b> 04.08.2020 <b>(54)</b> Portable pet grooming system <b>(31)</b> 62/890,165      <b>(32)</b> 22.08.19 <b>(33)</b> US</p> <hr/> <p><b>BR, N. see ANANTH, C.</b> <b>(21)</b> 2020101682</p> <hr/> <p><b>C.S., A. see M, C.</b> <b>(21)</b> 2020101681</p> <hr/> <p><b>Cengiz, K. see Sharma, A.</b> <b>(21)</b> 2020101606</p> <hr/> <p><b>Chaitanya, D.V.S.R.K. see M, S.</b> <b>(21)</b> 2020101613</p> <hr/> <p><b>Chandnani, N. see G, R.</b> <b>(21)</b> 2020101612</p> <hr/> <p><b>Chaturvedi, R. see Dadheech, P.</b> <b>(21)</b> 2020101719</p> <hr/> <p><b>Chen, H. see Chen, L.</b></p>
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- (21) 2020101627
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- (71) Chen, L.; Ren, S.; Chen, H.; Xue, C.; Yang, Y.; Zhu, Y.; Zhang, Y.; Jiang, M.; Liao, P.; Zhu, Z.; Liu, M.; Lin, H.  
(21) 2020101627 (22) 03.08.2020  
(54) A Fever Cooling Apparatus
- 
- (71) Chengde Petroleum College  
(21) 2020101649 (22) 04.08.2020  
(54) Device and method for detecting operation fault of long-distance conveyor belt
- 
- (71) Chengdu University of Technology  
(21) 2020101608 (22) 01.08.2020  
(54) Measuring method of live oil-brine relative permeability curve in heavy oil/waxy oil reservoir under different temperature conditions during water injection production
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- (71) China University of Geosciences, Beijing  
(21) 2020101642 (22) 04.08.2020  
(54) A Sediment Circulation and Flow Control System for Sedimentation Trough
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- (71) China University of Mining and Technology  
(21) 2020101657 (22) 04.08.2020  
(54) RAPID EXPANSION SEAT  
(31) 201910822346.2 (32) 02.09.19 (33) CN  
201910542725.6 21.06.19 CN
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- (71) Chinese Research Academy of Environmental Sciences  
(21) 2020101620 (22) 03.08.2020  
(54) PORTABLE DETECTOR AND DETECTION METHOD FOR POC AND DOC CONTENTS IN WATER  
(31) 201911303193.7 (32) 17.12.19 (33) CN
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- (71) Chinese Research Academy of Environmental Sciences  
(21) 2020101702 (22) 06.08.2020  
(54) Water Quality Comprehensive Toxicity Monitoring Device
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- (71) Chinese Research Academy of Environmental Sciences  
(21) 2020101703 (22) 06.08.2020  
(54) Turbidity detection sampler for different water layers of lake water quality
- 
- Chouhan, V. see Sharma, A.**  
(21) 2020101606
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- (71) Cixi Luosaifei Kayak Co., Ltd  
(21) 2020101677 (22) 05.08.2020  
(54) FOLDABLE PROPELLER FOR A SHIP  
(31) 202021056976.8 (32) 10.06.20 (33) CN
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- (71) Concrete Posts and Pickets Pty Ltd  
(21) 2020101654 (22) 04.08.2020  
(54) A fence post  
(31) 2019903118 (32) 26.08.19 (33) AU
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- D, R. see G, R.**  
(21) 2020101612
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- D, H. see Garg, L.**  
(21) 2020101637
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- D, M. see ANANTH, C.**  
(21) 2020101682
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- (71) Dadheech, P.; Kshirsagar, P.R.; Devaru, S.D.B.; Patil, S.S.; Chaturvedi, R.; Kumar, L.; Mohan, A.; Ray, A.P.; Aljabr, A.A.; Kumar, K.; Tewari, R.; Islam, S.; Gulati, K.; Neeli, J.; H, G.  
(21) 2020101719 (22) 07.08.2020  
(54) AN ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS BASED AUTOMATED SYSTEM FOR ANIMAL HEALTH CARE
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- (71) Dalian University of Technology  
(21) 2020101687 (22) 06.08.2020  
(54) Preparation Method for Dextran-Hyaluronic Acid Hydrogel for Three-Dimensional Cell Culture and Application Thereof  
(31) 202010146887.0 (32) 05.03.20 (33) CN
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- David, S. see M, C.**  
(21) 2020101681
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- Dekate, H.M. see Suragala, A.**  
(21) 2020101618
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- Devaru, S.D.B. see Dadheech, P.**  
(21) 2020101719
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- Dharmadhikari, S.C. see G, R.**  
(21) 2020101612
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- Dubey, S.B. see Sharma, A.**  
(21) 2020101606
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- (71) Durell, M.  
(21) 2020101655 (22) 04.08.2020  
(54) An Animal Spike
- 
- (71) El Ammar, E.H.  
(21) 2020101658 (22) 04.08.2020  
(54) PV solar design software is a design tool assisting engineers/ solar designers in their grid connected PV systems design by performing detailed and lengthy calculations in accordance with Australian Standards and Clean energy Council guidelines. It reduces time,saves money and eliminates human errors. This software performs detailed technical calculation by calculating the PV array and inverter configuration and balance of systems. It calculates required system size (kW). Also performs financial calculations, proposes product specification and compares 2 different systems energy yields.
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- Emmanuel, G. see ANANTH, C.**  
(21) 2020101682
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- (71) G, R.; Maram, B.; T, M.N.V.; N, R.; K.S., T.; Dharmadhikari, S.C.; P Gagnani, L.; M.S, A.V.; D, R.; Chandnani, N.  
(21) 2020101612 (22) 02.08.2020  
(54) AUTOMATIC ATTRIBUTE DIFFERENTIATOR AND CONTROLLER FOR IOT APPLICATIONS
- 
- G, P. see S, L.**  
(21) 2020101666
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- G, G. see M, C.**  
(21) 2020101681
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- G, B.M.R. see K G, T.**  
(21) 2020101724
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- (71) Gansu Agricultural University  
(21) 2020101716 (22) 07.08.2020  
(54) A Sustainable Planting Mode Based on Intercropping of Wheat and Maize with Green Manure
- 
- Garg, L. see Suragala, A.**  
(21) 2020101611
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- Garg, L. see M, S.**  
(21) 2020101613
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- Garg, L. see Suragala, A.**  
(21) 2020101618
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- (71) Garg, L.; V, R.; T, A.K.; Kalra, G.; Gupta, R.D.; Kuna, P.; Patan, M.K.; Ahmed, M.A.; N S, S.; Reddy, J.S.  
(21) 2020101619 (22) 03.08.2020  
(54) LOW ENERGY COMMUNICATOR BETWEEN EXTERNAL PROGRAMMER AND IMPLANTABLE MEDICAL DEVICES USING BLE TECHNOLOGY
- 
- (71) Garg, L.; Krishnaswamy, N.; S, N.B.; Midasal, V.; J, M.; V R, L.; D, H.; Pillala, P.; V, N.; Obannavar, M.  
(21) 2020101637 (22) 04.08.2020  
(54) A METHOD OF DESIGNING ADVERTISEMENT BOARDS USING CONDUCT-

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(21) 2020101681

(71) Guangdong University of Petrochemical Technology  
(21) 2020101617 (22) 02.08.2020  
(54) A Kind of Plant Seedling Raising Bracket

(71) Guangxi Academy of Fishery Sciences  
(21) 2020101614 (22) 02.08.2020  
(54) A tilapia breeding method for preventing and controlling streptococcosis

(71) Guangxi Grain and Oil Science Research Institute Co.,Ltd.  
(21) 2020101704 (22) 06.08.2020  
(54) A Physical Refining Method of Original Camellia Oil

(71) Guangxi Veterinary Research Institute  
(21) 2020101720 (22) 07.08.2020  
(54) An application of an exogenous RIG-I gene in preparation of chicken anti-Newcastle disease virus products

(71) Guilin Univ. Electr. Technol.; YUAN, L.  
(21) 2020101628 (22) 03.08.2020  
(54) An intracavity-enhanced dual-wavelength common-path phase microscopy imaging measurement system based on an F-P interferometer

(71) Guilin Univ. Electr. Technol.; YUAN, L.  
(21) 2020101629 (22) 03.08.2020  
(54) A reflective-transmissive enhanced phase microscopy imaging measurement system based on an F-P interferometer

(71) Guilin Univ. Electr. Technol.; YUAN, L.  
(21) 2020101630 (22) 03.08.2020  
(54) A transmissive orthogonally polarizing enhanced phase microscopy imaging device based on an F-P etalon

(71) Guilin Univ. Electr. Technol.; YUAN, L.  
(21) 2020101631 (22) 03.08.2020  
(54) A transmissive enhanced phase microscopy imaging measurement system based on piezoelectric ceramics

(71) GUILIN UNIVERSITY OF ELECTRONIC TECHNOLOGY  
(21) 2020101651 (22) 04.08.2020  
(54) SYSTEM AND METHOD FOR DETECTING AND COLLECTING DISCHARGE SIGNALS OF ELECTRON GUN  
(31) 202010425028.5 (32) 19.05.20 (33) CN

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(21) 2020101609

(71) Guizhou Normal University  
(21) 2020101667 (22) 05.08.2020  
(54) Application of NAC091D transcription factor protein and its coding gene in inhibiting seed germination

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(21) 2020101719

GUNISETTI, L. see S, L.  
(21) 2020101666

Gupta, R.D. see Garg, L.  
(21) 2020101619

(71) Guyuan Branch of Ningxia Academy of Agriculture and Forestry Sciences  
(21) 2020101689 (22) 06.08.2020  
(54) CHEMICAL REGULATION METHOD FOR INCREASING LODGING-RESISTANCE CAPABILITY AND YIELD OF FLAX BY MEANS OF UNICONAZOLE

H, G. see Dadheech, P.  
(21) 2020101719

(71) Hao, G.Q.  
(21) 2020101713 (22) 07.08.2020  
(54) Height-adjustable table  
(31) 2019902830 (32) 07.08.19 (33) AU

(71) Harbin Engineering University  
(21) 2020101705 (22) 07.08.2020  
(54) Winding arrangement of DC motor without commutation device

Hathwal, R.P. see Sharma, A.  
(21) 2020101606

(71) Huazhong University of Science and Technology  
(21) 2020101635 (22) 03.08.2020  
(54) ASSEMBLY TYPE MULTISTAGE FLEXIBLE ENERGY-DISSIPATION HEIGHT RESTRICTION BARRIER  
(31) 201911337420.8 (32) 23.12.19 (33) CN

(71) Hunan City University; Yiyang Taohuajiang Bamboo Industry Development Co., Ltd  
(21) 2020101684 (22) 05.08.2020

(54) A hollow composite column of solid wood with bamboo tendon and manufacture method thereof

(71) Inner Mongolia Agricultural University  
(21) 2020101638 (22) 04.08.2020  
(54) A graphene aerogel and preparation method and application thereof

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences  
(21) 2020101691 (22) 06.08.2020  
(54) Pilot-plant Device For Extraction Of Bone Nutrient Components

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences  
(21) 2020101692 (22) 06.08.2020  
(54) STEWING DEVICE WITH PRESSURIZATION FUNCTION

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences  
(21) 2020101708 (22) 07.08.2020  
(54) INTEGRATED QUANTITATIVE STEWING DEVICE FOR TRADITIONAL MEAT PRODUCTS

(71) Institute of Geochemistry, Chinese Academy of Sciences; Guizhou Academy of Tobacco Science  
(21) 2020101609 (22) 01.08.2020  
(54) METHOD FOR IMPROVING TOBACCO-PLANTING SOIL BY USING BIOCHAR  
(31) 201910706259.0 (32) 01.08.19 (33) CN

(71) Institute of Plant Protection Soil and Fertilizer, Hubei Academy of Agricultural Sciences  
(21) 2020101644 (22) 04.08.2020  
(54) A Fermentation Material and Its Preparation Method Used for Sprout Cultivation Substrate of Solanaceous Vegetables

(71) Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences  
(21) 2020101714 (22) 07.08.2020  
(54) LYCIUM BARBARUM ORCHARD GRASS PLANTING METHOD  
(31) 201910986449.2 (32) 17.10.19 (33) CN

Islam, S. see Dadheech, P.  
(21) 2020101719

J, M. see Garg, L.  
(21) 2020101637

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(21) 2020101724

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(21) 2020101613

(71) Jiamusi University  
(21) 2020101678 (22) 05.08.2020  
(54) A health care drink and preparation method thereof

Jiang, M. see Chen, L.  
(21) 2020101627

Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd. see Nanjing Forestry University  
(21) 2020101718

(71) Jinzhou Medical University  
(21) 2020101697 (22) 06.08.2020  
(54) A Traditional Chinese medicine composition for improving growth performance and meat quality of fattening pig and application thereof

K, S.N. see M, S.  
(21) 2020101613

K, P. see M, S.  
(21) 2020101613

K, P. see ANANTH, C.  
(21) 2020101682

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(21) 2020101682

K, P. see M, S.K.  
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(21) 2020101724

K, N, M. see S, L.  
(21) 2020101666

K.S., T. see G, R.  
(21) 2020101612

K A, A. see Suragala, A.  
(21) 2020101618

Kalra, G. see M, S.  
(21) 2020101613

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(21) 2020101619

KESAVA REDDY, M. see K G, T.  
(21) 2020101724

(71) K G, T.; R, M.; A G, G.K.; A, S.; G, B.M.R.; J, J.G.S.; KOTI, H.; T, S.; R, K.V.; KESAVA REDDY, M.; K, S.; PREMKUMAR, B.  
(21) 2020101724 (22) 07.08.2020  
(54) A REINFORCED ABS COMPOSITE MATERIAL OF SPIDER SILK AND ARAMID FIBER ALONG WITH GRAPHENE FOR FABRICATION OF UNMANNED AERIAL VEHICLES

KOTI, H. see K G, T.  
(21) 2020101724

Krishnaswamy, N. see Garg, L.  
(21) 2020101637

Kshirsagar, P.R. see Dadheech, P.  
(21) 2020101719

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(21) 2020101606

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(21) 2020101719

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(21) 2020101719

kuna, P. see Garg, L.  
(21) 2020101619

(71) Lanzhou University of Technology  
(21) 2020101643 (22) 04.08.2020  
(54) Method for automatically constructing patient-specific anatomic model based on statistical shape model (SSM)  
(31) 201911386702.7 (32) 29.12.19 (33) CN

LEEMA, A. see M, S.K.  
(21) 2020101706

(71) Leung, H.K.  
(21) 2020101663 (22) 04.08.2020  
(54) E- Business Card (video promotion) design

(71) Leung, H.K.  
(21) 2020101664 (22) 04.08.2020

(54) Wedding Anniversary / Life memories (Story plot video design concepts).

Liao, P. see Chen, L.  
(21) 2020101627

(71) LIAONING QINGYANG EXPLOSIVE MATERIALS CO., LTD  
(21) 2020101659 (22) 04.08.2020  
(54) DETONATOR COVER  
(31) 202020832684.2 (32) 19.05.20 (33) CN

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(21) 2020101627

(71) M, S.; Garg, L.; Kalra, G.; K, S.N.; K, P.; Chaitanya, D.V.S.R.K.; B.P.R.V.S, P.; Satyanarayana, B.; Prakasha, K.; Jawahar, M.  
(21) 2020101613 (22) 02.08.2020  
(54) COLLABORATIVE FEDERATIVE LEARNING APPROACH FOR INTER-NET OF VEHICLES TRAFFIC PREDICTION

M, L.P. see M, C.  
(21) 2020101681

(71) M, C.; Garg, L.; R, V.; G, G.; M, L.P.; R.Chhajed, R.; Ravaleedhar, M.; S, M.; C.S., A.; David, S.  
(21) 2020101681 (22) 05.08.2020  
(54) CENTRALIZED CLOUD LAUNDRY LOGISTIC MANAGEMENT SYSTEM USING IOT ENABLED LAUNDRY TERMINALS IN RESIDENTIAL LOCATIONS

M, N.K. see M, S.K.  
(21) 2020101706

(71) M, S.K.; K, P.; M, N.K.; V, R.; LEEMA, A.; K, K.; VELUSAMY, S.; R, V.; V, B.  
(21) 2020101706 (22) 07.08.2020  
(54) A SMART AND AUTOMATED BEDRIDDEN PATIENT MONITORING SYSTEM OVER THE CLOUD

M.S, B.P. see Suragala, A.  
(21) 2020101611

M.S, A.V. see G, R.  
(21) 2020101612

Mahapatra, R.P. see Sharma, A.  
(21) 2020101606



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(21) 2020101611

**Maram, B. see G, R.**  
(21) 2020101612

(71) mcdonnell, j.  
(21) 2020101639 (22) 04.08.2020  
(54) An overhead mounted manually operated extension lead that can be accessed intermittently and stored semi obtrusively when not needed as leads on ground are a trip/ electrocution hazard

**Midasal, V. see Garg, L.**  
(21) 2020101637

**Mishra, M.K. see Sharma, A.**  
(21) 2020101606

**Mohan, A. see Dadheech, P.**  
(21) 2020101719

**N, R. see G, R.**  
(21) 2020101612

(71) Nanjing Forestry University; Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd.; Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd.  
(21) 2020101718 (22) 07.08.2020  
(54) A METHOD TO EVALUATE THE SEISMIC DAMAGE OF SHORT-LIMB SHEAR WALL STRUCTURE

**Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd. see Nanjing Forestry University**  
(21) 2020101718

(71) Nanjing Xiaozhuang University  
(21) 2020101701 (22) 06.08.2020  
(54) Culture medium for promoting the elongation of clump buds of vaccinium bracteatum thunb, a preparation method and an application thereof  
(31) 201911292473.2 (32) 12.12.19 (33) CN

**Neeli, J. see Dadheech, P.**  
(21) 2020101719

(71) North China Electric Power University; Shanghai Electric Power Trading Center Co., Ltd  
(21) 2020101660 (22) 04.08.2020  
(54) Reliability calculation method of distribution system

(71) North China Electric Power University; Beijing Electric Power Trading Center Co., Ltd  
(21) 2020101665 (22) 04.08.2020  
(54) A compensation cost allocation method for auxiliary service of peak load regulation

(71) Northeast Petroleum University  
(21) 2020101616 (22) 02.08.2020  
(54) A device for simulating local fracturing core making and multi-stage fracture monitoring

**N S, S. see Garg, L.**  
(21) 2020101619

**Obannavar, M. see Garg, L.**  
(21) 2020101637

**Pandey, S. see Sharma, A.**  
(21) 2020101606

**Patan, M.K. see Garg, L.**  
(21) 2020101619

**Patil, S.S. see Dadheech, P.**  
(21) 2020101719

(71) Pearl River Fisheries Research Institute, Chinese Academy of Fisheries Science  
(21) 2020101636 (22) 03.08.2020  
(54) A preparation method and product of broad bean water extract feed and its application

**P Gagnani, L. see G, R.**  
(21) 2020101612

**Pillala, P. see Garg, L.**  
(21) 2020101637

**Ponnusamy, S. see Suragala, A.**  
(21) 2020101611

**Prakasha, K. see M, S.**  
(21) 2020101613

**PREMKUMAR, B. see K G, T.**  
(21) 2020101724

(71) Psaras, G.  
(21) 2020101633 (22) 03.08.2020  
(54) BOTTLE HOLDER

(71) Qilu University of Technology  
(21) 2020101645 (22) 04.08.2020  
(54) Preparation of Controllable Conductive Switchable Material Based on Nanocellulose Modified by Ionic Liquid  
(31) 201911235502.1 (32) 05.12.19 (33) CN

(71) Qilu University of Technology  
(21) 2020101696 (22) 06.08.2020  
(54) SELF-CLEANING INTELLIGENT TEMPERATURE CONTROL NANOCELLULOSE FILM, PREPARATION METHOD AND APPLICATION THEREOF  
(31) 201911126181.1 (32) 18.11.19 (33) CN

(71) Qilu University of Technology  
(21) 2020101698 (22) 06.08.2020  
(54) ALKYL KETENE DIMER SIZING AGENT AND PREPARATION METHOD AND APPLICATION THEREOF  
(31) 201910806764.2 (32) 29.08.19 (33) CN

(71) Qilu University of Technology  
(21) 2020101699 (22) 06.08.2020  
(54) PREPARATION METHOD OF EXPANDABLE ALUMINIUM SILICATE FIBER THERMAL-INSULATING MATERIAL

(71) Qilu University of Technology  
(21) 2020101700 (22) 06.08.2020  
(54) METHOD FOR PREPARING WATER-AND-OIL-RESISTANT NANOCELLULOSE COMPOSITE FILM

(71) Qingdao Agricultural University  
(21) 2020101721 (22) 07.08.2020  
(54) A pesticide for preventing and treating wheat scab

(71) Qinghai Normal University  
(21) 2020101634 (22) 03.08.2020  
(54) FILTERING DIMENSION REDUCTION DECODING METHOD  
(31) 201910779678.7 (32) 22.08.19 (33) CN

**Qureshi, S.O. see Suragala, A.**  
(21) 2020101618

**R, V. see M, C.**  
(21) 2020101681

**R, V. see M, S.K.**  
(21) 2020101706

**R, M. see K G, T.**  
(21) 2020101724

**R, K.V. see K G, T.**  
(21) 2020101724

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<b>R.Chhajer, R. see M, C.</b> <b>(21)</b> 2020101681	<b>(21)</b> 2020101682	<b>(71)</b> SICHUAN AGRICULTURAL UNIVERSITY <b>(21)</b> 2020101647 <b>(22)</b> 04.08.2020 <b>(54)</b> A New UAV Compound Fertilizer Broadcasting System
<b>Ranjithamani, D.A. see ANANTH, C.</b> <b>(21)</b> 2020101682	<b>S. C, D. see Suragala, A.</b> <b>(21)</b> 2020101618	<b>Sneha, Y. see Suragala, A.</b> <b>(21)</b> 2020101618
<b>Ravaleedhar, M. see Suragala, A.</b> <b>(21)</b> 2020101611	<b>Saini, M.K. see Sharma, A.</b> <b>(21)</b> 2020101606	<b>(71)</b> Sungrow Power Supply Co., Ltd. <b>(21)</b> 2020101676 <b>(22)</b> 05.08.2020 <b>(54)</b> Outdoor energy storage system cabinet and outdoor energy storage system <b>(31)</b> 201921442991.3 <b>(32)</b> 30.08.19 <b>(33)</b> CN
<b>Ravaleedhar, M. see M, C.</b> <b>(21)</b> 2020101681	<b>Satyanarayana, B. see M, S.</b> <b>(21)</b> 2020101613	<b>(71)</b> Sunrise Smart Build-IT Co.,Ltd <b>(21)</b> 2020101717 <b>(22)</b> 07.08.2020 <b>(54)</b> A towable house / transformable caravan that has foldable and expandable rooms on multiple sides <b>(31)</b> 202010246456.1 <b>(32)</b> 01.04.20 <b>(33)</b> CN
<b>Ray, A.P. see Dadheech, P.</b> <b>(21)</b> 2020101719	<b>Sethi, G. see Sharma, A.</b> <b>(21)</b> 2020101606	<b>(71)</b> Suragala, A.; Mamidi, B.S.C.; Garg, L.; Shunmugam, A.; B, M.K.; Ahirwar, G.K.; Venkata, M.D.; Ravaleedhar, M.; Ponnusamy, S.; M.S, B.P. <b>(21)</b> 2020101611 <b>(22)</b> 02.08.2020 <b>(54)</b> 4- LAYERED IOT ARCHITECTURE FOR HYPERLEDGER-FABRIC BLOCKCHAIN BASED SELF-MANAGED VEHICLE AD-HOC NETWORKS (VANET)
<b>Reddy, J.S. see Garg, L.</b> <b>(21)</b> 2020101619	<b>Shanghai Electric Power Trading Center Co., Ltd see North China Electric Power University</b> <b>(21)</b> 2020101660	<b>(71)</b> Suragala, A.; B, S.K.; Dekate, H.M.; Garg, L.; Sneha, Y.; Biradar, S.; S. C, D.; Qureshi, S.O.; K A, A.; S, H.H. <b>(21)</b> 2020101618 <b>(22)</b> 03.08.2020 <b>(54)</b> GENOMIC PROCESSING EMBEDDED SYSTEM FOR DATASET GENERATION AND DEEP ANALYSIS
<b>REDDY, K.S.M. see S, L.</b> <b>(21)</b> 2020101666	<b>(71)</b> Shanghai University <b>(21)</b> 2020101680 <b>(22)</b> 05.08.2020 <b>(54)</b> DEVICE FOR MEASURING DYNAMIC FLUIDITY OF HIGH-TEMPERATURE METAL MELT AND METHOD FOR MEASURING FLUIDITY OF METAL MELT <b>(31)</b> 201910999745.6 <b>(32)</b> 21.10.19 <b>(33)</b> CN	<b>(71)</b> Suzhou Academy of Agricultural Sciences <b>(21)</b> 2020101679 <b>(22)</b> 05.08.2020 <b>(54)</b> A Rice Growing Regulator and Its Application and Usage
<b>Ren, S. see Chen, L.</b> <b>(21)</b> 2020101627	<b>(71)</b> Sharma, A.; Pandey, S.; Chouhan, V.; Mahapatra, R.P.; Kumar, N.; Sethi, G.; Cengiz, K.; Mishra, M.K.; Dubey, S.B.; Tiwari, S.M.; Hathwal, R.P.; Saini, M.K. <b>(21)</b> 2020101606 <b>(22)</b> 01.08.2020 <b>(54)</b> IOT NETWORK COMMUNICATION PROCESS TO PREVENT MACHINE LEARNING ATTACK USING LOCK-DOWN PROTOCOL	<b>(71)</b> T, M.N.V. see G, R. <b>(21)</b> 2020101612
<b>(71)</b> Reschke, D. <b>(21)</b> 2020101648 <b>(22)</b> 04.08.2020 <b>(54)</b> Tree Feeder - A weed mat around a plant that directs rain into a water container. The container slowly feeds water to the plant using a wick/capillary system via a small rope. the container can feed the plant water for a number of months.	<b>(71)</b> Shihezi University <b>(21)</b> 2020101662 <b>(22)</b> 04.08.2020 <b>(54)</b> A piezoelectric laser pointer and remote control system	<b>(71)</b> T, A.K. see Garg, L. <b>(21)</b> 2020101619
<b>S, H.H. see Suragala, A.</b> <b>(21)</b> 2020101618	<b>(71)</b> Shuguang Hospital Affiliated to Shanghai University of Traditional Chinese Medicine <b>(21)</b> 2020101685 <b>(22)</b> 05.08.2020 <b>(54)</b> A Remote Diagnosis And Treatment System For Knee Osteoarthritis Based On Infrared Imaging	<b>(71)</b> Taiyuan University of Technology <b>(21)</b> 2020101671 <b>(22)</b> 05.08.2020 <b>(54)</b> Method and System for Predicting Quality of Polycrystalline Silicon Ingot Based on Ingredient Data <b>(31)</b> 202010303765.8 <b>(32)</b> 17.04.20 <b>(33)</b> CN
<b>S, N.B. see Garg, L.</b> <b>(21)</b> 2020101637	<b>Shunmugam, A. see Suragala, A.</b> <b>(21)</b> 2020101611	<b>(71)</b> T, S. see K G, T. <b>(21)</b> 2020101724
<b>S, G.S. see S, L.</b> <b>(21)</b> 2020101666	<b>(71)</b> Sichuan Agricultural University <b>(21)</b> 2020101668 <b>(22)</b> 05.08.2020 <b>(54)</b> A Molecular Marker Related to Pork pH Value Traits and Its Application	
<b>(71)</b> S, L.; REDDY, K.S.M.; K. N, M.; GUNISETTI, L.; S, G.S.; G, P. <b>(21)</b> 2020101666 <b>(22)</b> 05.08.2020 <b>(54)</b> CENTRALIZED ARTIFICIAL INTELLIGENCE-BASED TOXICOLOGY TRAINING MODEL FOR ENVIRONMENTAL PUBLIC HEALTH ASSESSMENT		
<b>S, M. see M, C.</b> <b>(21)</b> 2020101681		
<b>S, N. see ANANTH, C.</b>		

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(71) Tea Research Institute, Guangdong Academy of Agricultural Sciences  
 (21) 2020101673 (22) 05.08.2020  
 (54) Method for identifying "almond aroma" black tea resource at seedling stage

Tewari, R. see Dadheech, P.  
 (21) 2020101719

(71) The Bedsheet Bodyguard Co. Pty Ltd  
 (21) 2020101622 (22) 03.08.2020  
 (54) A Bed Sheet Retention Device and Method of Use Thereof

(71) The Fourth Research and Design Engineering Corporation of China National Nuclear Corporation  
 (21) 2020101675 (22) 05.08.2020  
 (54) ENVIRONMENTAL PROTECTION DEVICE FOR CONSTRUCTION SEWAGE TREATMENT  
 (31) 202010620970.7 (32) 30.06.20 (33) CN

(71) The Second Affiliated Hospital of Shandong First Medical University  
 (21) 2020101650 (22) 04.08.2020  
 (54) A Drug for Treating Acute Urinary System Infection and Its Preparation Method

(71) The University of Xinjiang  
 (21) 2020101604 (22) 31.07.2020  
 (54) A Recommendation with Item Cooccurrence based on Metric Factorization

Tianjin Agricultural University see Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs  
 (21) 2020101607

(71) Tianjin Agricultural University  
 (21) 2020101653 (22) 04.08.2020  
 (54) IRRADIATION DEVICE FOR UV-B IRRADIATION OF ALGAE

(71) Tianjin Agricultural University  
 (21) 2020101711 (22) 07.08.2020  
 (54) A CULTURE MEDIUM FOR CULTURING CHLORELLA WITH HIGH EFFICIENCY AND PRACTICABILITY AND APPLICATION THEREOF

Tiwari, S.M. see Sharma, A.  
 (21) 2020101606

(71) Tobacco Research Institute of Chinese Academy of Agricultural Sciences  
 (21) 2020101690 (22) 06.08.2020

(54) Method for Nitrogen Application Via Drip Irrigation for Improving Nitrogen Use Efficiency (NUE) of Flue-Cured Tobacco

(71) Tongji University  
 (21) 2020101640 (22) 04.08.2020  
 (54) Method of treating organic solid wastes and biological organic fertilizer prepared thereby  
 (31) 201910882539.7 (32) 18.09.19 (33) CN

(71) Tongji University  
 (21) 2020101661 (22) 04.08.2020  
 (54) A device and method for simultaneous recovery of nitrogen and phosphorus from biogas slurry

(71) Tongji University  
 (21) 2020101669 (22) 05.08.2020  
 (54) Resource-based process for simultaneously recovering nitrogen and phosphorus from anaerobic digested sludge

(71) Unbnd Group Pty Ltd  
 (21) 2020101686 (22) 05.08.2020  
 (54) TECHNOLOGY ADAPTED TO PROVIDE A USER INTERFACE VIA PRESENTATION OF TWO-DIMENSIONAL CONTENT VIA THREE-DIMENSIONAL DISPLAY OBJECTS RENDERED IN A NAVIGABLE VIRTUAL SPACE  
 (62) PCT/AU2019/051248

(71) University of Science and Technology Beijing  
 (21) 2020101723 (22) 07.08.2020  
 (54) Foamed ceramics and preparation method thereof

(71) UNNIVERSITY OF SCIENCE AND TECHNOLOGY BEIJING  
 (21) 2020101646 (22) 04.08.2020  
 (54) A Method to Prepare High Purity Iron Oxide Red from Converter Dedusting Fine Ash by Superconducting High Gradient Magnetic Separation - Low Temperature Modification Coupling technology

V, R. see Garg, L.  
 (21) 2020101619

V, N. see Garg, L.  
 (21) 2020101637

V, R. see M, S.K.  
 (21) 2020101706

V, B. see M, S.K.  
 (21) 2020101706

(71) van Werkum, C.  
 (21) 2020101693 (22) 06.08.2020  
 (54) The Collapsible, Ergonomic Broom  
 (31) 2020902057 (32) 21.06.20 (33) AU

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 (21) 2020101706

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 (21) 2020101611

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 (21) 2020101637

(71) Woods Company Holdings Pty Ltd  
 (21) 2020101652 (22) 04.08.2020  
 (54) BUILDING CONSTRUCTION MANAGEMENT SYSTEM AND PROCESS  
 (31) 2019902823 (32) 07.08.19 (33) AU

(71) Xinyu University  
 (21) 2020101674 (22) 05.08.2020  
 (54) ELECTRICAL AUTOMATION DEVICE

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 (21) 2020101627

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
 (21) 2020101599 (22) 31.07.2020  
 (54) DEVICE FOR TESTING ELASTIC RECOVERY RATE OF BUILDING SEALING MATERIAL  
 (31) 2020107315991 (32) 27.07.20 (33) CN

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
 (21) 2020101621 (22) 03.08.2020  
 (54) SMART HOME ANTI-THEFT SYSTEM

(71) Yancheng Institute of Technology  
 (21) 2020101624 (22) 03.08.2020  
 (54) AUTOMATIC LEVELER FOR VEHICLE BODY

(71) Yancheng Institute of Technology  
 (21) 2020101626 (22) 03.08.2020  
 (54) DUAL-AXIS PHOTOVOLTAIC SUPPORT SYSTEM

Yang, Y. see Chen, L.  
 (21) 2020101627

(71) Yantai Wenjin Intelligent Equipment Co., Ltd  
 (21) 2020101710 (22) 07.08.2020

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 FUNCTION  
 (31) 201911124609.9 (32) 18.11.19 (33) CN

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 (21) 2020101684

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(71) Zhejiang Nipudun Technology Co., Ltd  
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(71) Zhejiang University  
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 (54) Crop yield prediction method and system based on low-altitude remote sensing information from unmanned aerial vehicle  
 (31) 202010417855.X (32) 18.05.20 (33) CN

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(71) zhou, l.  
 (21) 2020101610 (22) 01.08.2020  
 (54) Dual Bevel Gear Device on Windmill  
 (31) 2020105904597 (32) 24.06.20 (33) CN

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 (21) 2020101627

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<b>2020101600</b>	Binzhou University	<b>2020101653</b>	Tianjin Agricultural University
<b>2020101601</b>	Binzhou University	<b>2020101654</b>	Concrete Posts and Pickets Pty Ltd
<b>2020101602</b>	Anhui Science And Technology University	<b>2020101655</b>	Durell, M.
<b>2020101603</b>	Beijing University of Civil Engineering and Architecture	<b>2020101656</b>	BISSELL Inc
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<b>2020101605</b>	Beijing Normal University	<b>2020101658</b>	El Ammar, E.H.
<b>2020101606</b>	Sharma, A.; Pandey, S.; Chouhan, V.; Mahapatra, R.P.; Kumar, N.; Sethi, G.; Cengiz, K.; Mishra, M.K.; Dubey, S.B.; Tiwari, S.M.; Hathwal, R.P.; Saini, M.K.	<b>2020101659</b>	LIAONING QINGYANG EXPLOSIVE MATERIALS CO., LTD
<b>2020101607</b>	Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs; Tianjin Agricultural University	<b>2020101660</b>	North China Electric Power University; Shanghai Electric Power Trading Center Co., Ltd
<b>2020101608</b>	Chengdu University of Technology	<b>2020101661</b>	Tongji University
<b>2020101609</b>	Institute of Geochemistry, Chinese Academy of Sciences; Guizhou Academy of Tobacco Science	<b>2020101662</b>	Shihezi University
<b>2020101610</b>	zhou, I.	<b>2020101663</b>	Leung, H.K.
<b>2020101611</b>	Suragala, A.; Mamidi, B.S.C.; Garg, L.; Shunmugam, A.; B, M.K.; Ahirwar, G.K.; Venkata, M.D.; Ravaleedhar, M.; Ponnusamy, S.; M.S. B.P.	<b>2020101664</b>	Leung, H.K.
<b>2020101612</b>	G, R.; Maram, B.; T, M.N.V.; N, R.; K.S., T.; Dharmadhikari, S.C.; P Gagnani, L.; M.S. A.V.; D, R.; Chandnani, N. M, S.; Garg, L.; Kalra, G.; K, S.N.; K, P.; Chaitanya, D.V.S.R.K.; B.P.R.V.S, P.; Satyanarayana, B.; Prakasha, K.; Jawahar, M.	<b>2020101665</b>	North China Electric Power University; Beijing Electric Power Trading Center Co., Ltd
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<b>2020101617</b>	Guangdong University of Petrochemical Technology	<b>2020101669</b>	Tongji University
<b>2020101618</b>	Suragala, A.; B, S.K.; Dekate, H.M.; Garg, L.; Sneha, Y.; Biradar, S.; S. C, D.; Qureshi, S.O.; K A, A.; S, H.H.	<b>2020101671</b>	Taiyuan University of Technology
<b>2020101619</b>	Garg, L.; V, R.; T, A.K.; Kalra, G.; Gupta, R.D.; kuna, P.; Patan, M.K.; Ahmed, M.A.; N S, S.; Reddy, J.S.	<b>2020101673</b>	Tea Research Institute, Guangdong Academy of Agricultural Sciences
<b>2020101620</b>	Chinese Research Academy of Environmental Sciences	<b>2020101674</b>	Xinyu University
<b>2020101621</b>	XUZHOU UNIVERSITY OF TECHNOLOGY	<b>2020101675</b>	The Fourth Research and Design Engineering Corporation of China National Nuclear Corporation
<b>2020101622</b>	The Bedsheet Bodyguard Co. Pty Ltd	<b>2020101676</b>	Sungrow Power Supply Co., Ltd.
<b>2020101624</b>	Yancheng Institute of Technology	<b>2020101677</b>	Cixi Luosafei Kayak Co., Ltd
<b>2020101625</b>	Bellator Pty Ltd	<b>2020101678</b>	Jiamusi University
<b>2020101626</b>	Yancheng Institute of Technology	<b>2020101679</b>	Suzhou Academy of Agricultural Sciences
<b>2020101627</b>	Chen, L.; Ren, S.; Chen, H.; Xue, C.; Yang, Y.; Zhu, Y.; Zhang, Y.; Jiang, M.; Liao, P.; Zhu, Z.; Liu, M.; Lin, H.	<b>2020101680</b>	Shanghai University
<b>2020101628</b>	Guilin Univ. Electr. Technol.; YUAN, L.	<b>2020101681</b>	M, C.; Garg, L.; R, V.; G, G.; M, L.P.; R.Chhajed, R.; Ravaleedhar, M.; S, M.; C.S., A.; David, S.
<b>2020101629</b>	Guilin Univ. Electr. Technol.; YUAN, L.	<b>2020101682</b>	ANANTH, C.; K, P.; K, N.; S, N.; D, M.; BR, N.; A, A.; Emmanuel, G.; Ranjithamani, D.A.; Annie Retna V, S.
<b>2020101630</b>	Guilin Univ. Electr. Technol.; YUAN, L.	<b>2020101683</b>	Abu-Siada, A.
<b>2020101631</b>	Guilin Univ. Electr. Technol.; YUAN, L.	<b>2020101684</b>	Hunan City University; Yiyang Taohuajiang Bamboo Industry Development Co., Ltd
<b>2020101633</b>	Psaras, G.	<b>2020101685</b>	Shuguang Hospital Affiliated to Shanghai University of Traditional Chinese Medicine
<b>2020101634</b>	Qinghai Normal University	<b>2020101686</b>	Unbnd Group Pty Ltd
<b>2020101635</b>	Huazhong University of Science and Technology	<b>2020101687</b>	Dalian University of Technology
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<b>2020101637</b>	Garg, L.; Krishnaswamy, N.; S, N.B.; Midasal, V.; J, M.; V R, L.; D, H.; Pillala, P.; V, N.; Obannavar, M.	<b>2020101690</b>	Tobacco Research Institute of Chinese Academy of Agricultural Sciences
<b>2020101638</b>	Inner Mongolia Agricultural University	<b>2020101691</b>	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
<b>2020101639</b>	mcdonnell, j.	<b>2020101692</b>	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
<b>2020101640</b>	Tongji University	<b>2020101693</b>	van Werkum, C.
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<b>2020101642</b>	China University of Geosciences, Beijing	<b>2020101696</b>	Qilu University of Technology
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<b>2020101644</b>	Institute of Plant Protection Soil and Fertilizer, Hubei Academy of Agricultural Sciences	<b>2020101698</b>	Qilu University of Technology
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<b>2020101649</b>	Chengde Petroleum College	<b>2020101703</b>	Chinese Research Academy of Environmental Sciences
<b>2020101650</b>	The Second Affiliated Hospital of Shandong First Medical University	<b>2020101704</b>	Guangxi Grain and Oil Science Research Institute Co.,Ltd.
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		<b>2020101707</b>	Australian Portable Toilets Pty Ltd

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<p><b>2020101708</b> Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences</p> <p><b>2020101709</b> Zhejiang University</p> <p><b>2020101710</b> Yantai Wenjin Intelligent Equipment Co., Ltd</p> <p><b>2020101711</b> Tianjin Agricultural University</p> <p><b>2020101712</b> Beihang University</p> <p><b>2020101713</b> Hao, G.Q.</p> <p><b>2020101714</b> Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences</p> <p><b>2020101715</b> Apple Inc.</p> <p><b>2020101716</b> Gansu Agricultural University</p> <p><b>2020101717</b> Sunrise Smart Build-IT Co.,Ltd</p>	<p><b>2020101718</b> Nanjing Forestry University; Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd.; Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd.</p> <p><b>2020101719</b> Dadheech, P.; Kshirsagar, P.R.; Devaru, S.D.B.; Patil, S.S.; Chaturvedi, R.; Kumar, L.; Mohan, A.; Ray, A.P.; Aljabr, A.A.; Kumar, K.; Tewari, R.; Islam, S.; Gulati, K.; Neeli, J.; H, G.</p> <p><b>2020101720</b> Guangxi Veterinary Research Institute</p> <p><b>2020101721</b> Qingdao Agricultural University</p> <p><b>2020101722</b> Zhejiang Nipudun Technology Co., Ltd</p> <p><b>2020101723</b> University of Science and Technology Beijing</p> <p><b>2020101724</b> K G, T.; R, M.; A G, G.K.; A, S.; G, B.M.R.; J, J.G.S.; KOTI, H.; T, S.; R, K.V.; KESAVA REDDY, M.; K, S.; PREMKUMAR, B.</p>
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**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.  
The codes next to each number have the following meanings:

<b>Code</b>	<b>Meaning</b>
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
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 2016242821 ( 5C ) 2016243520 ( 5C ) 2016247023 ( 5C )  
 2016249261 ( 5C ) 2016250284 ( 4C ) 2016252533 ( 5C )  
 2016253574 ( 1B ) 2016253612 ( 1B ) 2016255334 ( 4D )  
 2016255335 ( 4C ) 2016259308 ( 1B ) 2016269453 ( 4C )

2016307635 ( 1B ) 2016307882 ( 1B ) 2016308076 ( 1B )  
 2016308339 ( 1B ) 2016308365 ( 1B ) 2016308523 ( 1B )  
 2016308673 ( 1B ) 2016308768 ( 1B ) 2016308917 ( 1B )  
 2016309022 ( 1B ) 2016309769 ( 1B ) 2016309890 ( 1B )  
 2016310540 ( 1B ) 2016311158 ( 1B ) 2016311163 ( 1B )  
 2016311399 ( 1B ) 2016311504 ( 1B ) 2016312425 ( 1B )  
 2016313254 ( 1B ) 2016313775 ( 1B ) 2016313849 ( 1B )  
 2016314704 ( 1B ) 2016315839 ( 1B ) 2016315938 ( 1B )  
 2016318139 ( 1B ) 2016318244 ( 1B ) 2016322017 ( 1B )  
 2016326503 ( 1B ) 2016326882 ( 1B ) 2016328759 ( 1B )  
 2016329905 ( 1B ) 2016351454 ( 5C ) 2016355074 ( 1B )  
 2016356732 ( 1B ) 2016358472 ( 1B ) 2016361432 ( 1B )  
 2016378742 ( 5C ) 2016387181 ( 4B ) 2016387182 ( 4B )  
 2016387312 ( 4A ) 2016387314 ( 4A ) 2016388316 ( 4A )  
 2016388366 ( 4B ) 2016393828 ( 1B ) 2016394743 ( 5C )

**2017**

2017100079 ( 22E ) 2017100087 ( 22E ) 2017200210 ( 14 )  
 2017200992 ( 14 ) 2017204627 ( 14 ) 2017213572 ( 14 )  
 2017220083 ( 1B ) 2017221771 ( 14 ) 2017223561 ( 1B )  
 2017248247 ( 5C ) 2017269801 ( 5C ) 2017276477 ( 1B )  
 2017277354 ( 1B ) 2017277463 ( 1B ) 2017277487 ( 5C )  
 2017277664 ( 1B ) 2017277786 ( 1B ) 2017277861 ( 1B )  
 2017278057 ( 1B ) 2017280099 ( 1B ) 2017282506 ( 1B )  
 2017282659 ( 1B ) 2017283731 ( 5C ) 2017284815 ( 1B )  
 2017285702 ( 1B ) 2017285706 ( 1B ) 2017286335 ( 1B )  
 2017290179 ( 5C ) 2017298656 ( 5C ) 2017302800 ( 5C )  
 2017325844 ( 5C ) 2017326590 ( 5C ) 2017335795 ( 5C )  
 2017341069 ( 5C ) 2017350146 ( 5C ) 2017393411 ( 5C )  
 2017409832 ( 5C )

**2018**

2018100093 ( 22E ) 2018100094 ( 22E ) 2018100097 ( 22E )  
 2018100104 ( 22E ) 2018100116 ( 22E ) 2018100117 ( 22E )  
 2018201324 ( 1B ) 2018201785 ( 4C ) 2018202563 ( 5C )  
 2018202610 ( 5C ) 2018202759 ( 16C ) 2018203491 ( 5C )  
 2018203581 ( 5C ) 2018203626 ( 4C ) 2018203860 ( 5C )  
 2018203902 ( 5C ) 2018203994 ( 5C ) 2018204018 ( 5C )  
 2018204722 ( 5C ) 2018211292 ( 5C ) 2018214024 ( 5C )  
 2018214028 ( 5C ) 2018217203 ( 5C ) 2018217206 ( 5C )  
 2018220057 ( 5C ) 2018220101 ( 5C ) 2018232912 ( 5C )  
 2018236746 ( 5C ) 2018241221 ( 5C ) 2018250488 ( 5C )  
 2018250502 ( 5C ) 2018267599 ( 5C ) 2018267629 ( 5C )  
 2018278857 ( 5C ) 2018282301 ( 4C )

**2019**

2019101434 ( 21F ) 2019200016 ( 5C ) 2019200076 ( 5C )  
 2019200112 ( 4C ) 2019200119 ( 5C ) 2019200472 ( 4C )  
 2019200684 ( 5C ) 2019200729 ( 5C ) 2019201506 ( 5C )  
 2019201618 ( 5C ) 2019202300 ( 5C ) 2019202894 ( 5C )  
 2019222873 ( 4C ) 2019902822 ( 12AN ) 2019902912 ( 12AN )  
 2019902915 ( 12AN )

**2020**

2020100775 ( 18AN ) 2020100830 ( 18AN ) 2020201191 ( 1B )  
 2020203148 ( 1B ) 2020203182 ( 1B ) 2020203190 ( 1B )  
 2020203193 ( 1B ) 2020203212 ( 1B ) 2020210305 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014202302 GE Healthcare UK Limited The application has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD**

**2015**

2015301959 Spinal Elements, Inc The application has been assigned to **Spinal Elements, Inc.**



**Assignments before Grant, Section 113**

2015342813 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2015342824 Spinal Elements, Inc. The application has been assigned to **Spinal Elements, Inc.**

2015342883 Lysosomal Therapeutics Inc. The application has been assigned to **BIAL – BioTech Investments, Inc.**

2015342887 Lysosomal Therapeutics Inc. The application has been assigned to **BIAL – BioTech Investments, Inc.**

2015389150 Monash University; Tali Health Pty Ltd The application has been assigned to **Tali Health Pty Ltd**

**2016**

2016252609 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2016259419 CLARCOR Inc. The application has been assigned to **Parker-Hannifin Corporation**

2016264212 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2016281970 Vastech Holdings Ltd. The application has been assigned to **Intellitech Pty Ltd**

2016301315 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2016316371 Yu, Seong The application has been assigned to **RT&C Inc.**

2016339148 Vastech Holdings Ltd. The application has been assigned to **Intellitech Pty Ltd**

**2017**

2017205128 University of Newcastle upon Tyne The application has been assigned to **The University of Durham**

2017246455 Lysosomal Therapeutics Inc. The application has been assigned to **BIAL – BioTech Investments, Inc.**

2017247062 Vastech Holdings Ltd. The application has been assigned to **Intellitech Pty Ltd**

2017261291 Lysosomal Therapeutics Inc. The application has been assigned to **BIAL – BioTech Investments, Inc.**

2017282723 Advanced Agricultural Systems Pty Ltd The application has been assigned to **SwarmFarm Robotics Pty Ltd**

2017283041 CSM Maschinen GmbH The application has been assigned to **Chieftek Precision Co. Ltd.**

2017306557 Cooper, Matthew; Dipersio, John The application has been assigned to **Washington University**

**Assignments before Grant, Section 113**

2017340234 Amendia, Inc. The application has been assigned to **Spinal Elements, Inc.**

2017350760 Staal, Roland; Paracelsus Neuroscience LLC The application has been assigned to **Paracelsus Neuroscience I, LLC**

2017369832 STS Defence Limited The application has been assigned to **STS Intellimon Limited**

2017374721 Medshine Discovery Inc.; CStone Pharmaceuticals The application has been assigned to **Cstone Pharmaceuticals (Suzhou) Co., Ltd.; CStone Pharmaceuticals (Shanghai) Co. Ltd.; CStone Pharmaceuticals**

2017379847 Tolero Pharmaceuticals, Inc. The application has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

**2018**

2018204155 Advanced Agricultural Systems Pty Ltd The application has been assigned to **SwarmFarm Robotics Pty Ltd**

2018320086 Planet GDZ AG The application has been assigned to **ASSA ABLOY (Schweiz) AG**

2018374556 Teknolerge Limited The application has been assigned to **Zenotop Limited**

**2019**

2019200599 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019202025 Lanxi Zhengke Lockset Co., Ltd. The application has been assigned to **Jinan Shentu Locks Co., Ltd.**

2019202500 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019202939 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019204278 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019211498 McGettigan, Anthony; Sharp, Gary The application has been assigned to **Gary Sharp Innovations, LLC**

2019212361 BASF SE; EnerG2 Technologies, Inc. The application has been assigned to **BASF SE**

2019216348 Butler, Sylvester The application has been assigned to **Sports Stats IQ LLC.**

2019216714 Advanced Accelerator Applications International The application has been assigned to **Advanced Accelerator Applications International SA**

2019219828 Spinal Elements, Inc. The application has been assigned to **Spinal Elements, Inc.**

**Assignments before Grant, Section 113**

2019229468 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019236619 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019240672 Pridefield Limited The application has been assigned to **Fusion Holdings Limited**

2019240729 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019250184 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2019279940 PATEL, G N The application has been assigned to **JP Laboratories Inc.**

2019902916 The University of Newcastle; Minesensor Assets Pty Ltd The application has been assigned to **Minesensor Assets Pty Ltd**

2019904043 BELLAMY, Drew The application has been assigned to **AutoRun Technologies Pty Ltd**

**2020**

2020200792 ARISTAN PTY LTD The application has been assigned to **MARQ GROUP HOLDINGS B.V**

2020201388 Apple Inc. The application has been assigned to **Chadra Laboratories LLC**

2020205315 Sumitomo Dainippon Pharma Co., Ltd.; Intercept Pharmaceuticals, Inc. The application has been assigned to **Intercept Pharmaceuticals, Inc.**

**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.

**2003**

2003271411 **McCormick, B.** An application to extend the time from 05 Dec 2019 to 05 Aug 2020 in which to pay the renewal fee has been filed . Address for service - Bernard McCormick 12/7 Turnbull Court Ringwood VIC 3134 AU

**2013**

2013337612 **Ozdent Pty Ltd** An application to extend the time from 01 Nov 2019 to 01 Aug 2020 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014281524 **Standard Alcohol Company of America, Inc.** An application to extend the time from 18 Jun 2019 to 18 Aug 2020 in which to pay the renewal fee has been filed . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

**Extensions of Time, Section 223**

**2015**

2015100010 **Dealer Trade Holdings Limited** An application to extend the time from 06 Jan 2020 to 06 Aug 2020 in which to pay a renewal fee has been filed . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

**2017**

2017101596 **Jackson Trademark Holdings Pty Limited** An application to extend the time from 13 Nov 2019 to 13 Jun 2020 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017276359 **Geosentinel Holdings Pty Ltd** An application to extend the time from 28 Feb 2020 to 28 Aug 2020 in which to pay the acceptance fee has been filed . Address for service - Pappas IP PO Box R1731 Royal Exchange NSW 1225 AU

**2018**

2018343985 **CPPE CARBON PROCESS & PLANT ENGINEERING S.A.** An application to extend the time from 29 Apr 2020 to 29 Aug 2020 in which to enter the national phase has been filed . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2018381317 **BiomX Ltd.; Yeda Research and Development Co. Ltd.** An application to extend the time from 12 Jun 2019 to 12 Jun 2020 in which to comply with Section 6(c) has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019100822 **Neilsen R & D Pty Ltd** An application to extend the time from 26 Mar 2020 to 26 Feb 2021 in which to gain certification has been filed . Address for service - Neilsen R & D Pty Ltd Unit 26,30 Ramset Dve Chirnside Park VIC 3116 AU

2019100830 **Neilsen R & D Pty Ltd** An application to extend the time from 25 Mar 2020 to 25 Feb 2021 in which to gain certification has been filed . Address for service - Neilsen R & D Pty Ltd Unit 26,30 Ramset Dve Chirnside Park VIC 3116 AU

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

**2015**

2015309695 **Knight, R.** The time in which to gain acceptance has been extended to 26 Nov 2020 . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

2015327011 **Dampack International BV** The time in which to pay a continuation fee has been extended to 28 Apr 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2016**

2016210960 **Zeras S.r.l.** The time in which to gain acceptance has been filed 25 Oct 2020 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2016247023 **Cropmark Seeds Limited** The time in which to gain acceptance has been extended to 27 Aug 2020 . Address for service - Pairman IP PO Box 33252 Christchurch 8244 NZ

**Extensions of Time, Section 223**

2016334876 **Jansink, B.** The time in which to request examination has been extended to 10 Nov 2020 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2016394744 **Armiq Co., Ltd.** The time in which to gain acceptance has been extended to 06 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2017**

2017351056 **Invuity, Inc.** The time in which to gain acceptance has been extended to 10 Nov 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017355584 **Chears Technology Company Limited** The time in which to pay the acceptance fee has been extended to 20 Jun 2020 . Address for service - CtR Intellectual Property Co. U 1/3 MORSHEAD AVE MT WAVERLEY VIC 3149 AU

**2018**

2018286613 **Hesheng Co.,Ltd.** The time in which to gain acceptance has been extended to 27 Sep 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018335583 **WEBER, Michael** The time in which to enter the national phase has been extended to 25 May 2020 . Address for service - Paul Weber Wollstonecraft U 6 13-15 Morton St Wollstonecraft NSW 2065 AU

2018370543 **CANDIDO FILHO, André; CARVALHO, Cesar** The time in which to gain acceptance has been extended to 16 Aug 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2019**

2019101063 **Cosstick, J.** The time in which to gain certification has been extended to 15 Nov 2020 . Address for service - John Richard Cosstick 82 Brunswick Road Mitcham, Victoria Mitcham VIC 3132 AU

**2020**

2020101412 **Jiangsu University** The time in which to claim the convention priority date has been extended to 16 Aug 2020 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2020101657 **China University of Mining and Technology** The time in which to claim the convention priority date has been extended to 21 Aug 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 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.

**2016**

2016203348 **MACROCYCLIC COMPOUNDS AS TRK KINASE INHIBITORS** **Array BioPharma Inc.** The nature of the amendment is as shown

**Amendments**

in the statement(s) filed 14 Jul 2020 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2016203502 **GROUND ENGAGING TOOLS** **Simco Mining Products and Services Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Simpson, Martin Charles and Zaayman, Oswald Dannhauser . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2016391789 **Oxygen-tight food container** **Kuhl, N. ; Wassmer, M.** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016413203 **Method for constructing cell model for detecting pyrogen, cell model and pyrogen detection kit** **Niu, G.** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2020 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Philip Streets SYDNEY NSW 2000 AU

**2017**

2017101761 **Cleaner head for a vacuum cleaner** **Dyson Technology Limited** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017245981 **Polyethylene glycol-modified angiogenesis inhibitor HM-1 and application thereof** **Nanjing Anji Biological Technology Co., Ltd** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2018**

2018209409 **Enzymatic reaction medium containing surfactant** **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018267660 **Compounds and methods for the treatment of TROP2 positive diseases** **Bio-Thera Solutions, Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2020 . Address for service - FB Rice Pty Ltd L 23 200 Queen ST Melbourne VIC 3000 AU

**2019**

2019100956 **Method of fitting an electrical switch module into a switch panel** **Tjandra, S.** The nature of the amendment is: Amend the priority details to read add CN201920444350.5 01 Apr 2019 CN . Address for service - Foshan Lumos Lighting Co., Ltd 2/24 Ralph Black Drive North Wollongong NSW 2500 AU

2019204380 **A Method and System for Machine Learning Classification Based on Structure or Material Segmentation in an Image** **StraxCorp Pty. Ltd** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2020 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

**Amendments Made****2007**

2007278464 **Grunenthal GmbH** The nature of the amendment is as shown in the statement filed 24 Apr 2020

## Amendments

## 2011

2011281923 **Grunenthal GmbH** The nature of the amendment is as shown in the statement filed 23 Apr 2020

## 2014

2014201657 **Baseline Asset Technologies Pty Ltd** The nature of the amendment is as shown in the statements filed 12 Mar 2020 and 9 April 2020

## 2015

2015209481 **Dyax Corp.** The nature of the amendment is: Amend the name of the inventor to read Chyung, Yung; Sexton, Daniel J.; Tenhoor, Christopher; Kenniston, Jon A.; Faucette, Ryan; Iarrobino, Ryan; Biedenkapp, Joseph and Adelman, Burt

2015239112 **Minoryx Therapeutics S.L.** The nature of the amendment is as shown in the statement filed 12 May 2020

2015324103 **Fred Hutchinson Cancer Research Center** The nature of the amendment is as shown in the statement filed 28 Apr 2020

2015352099 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read Pan, Yuanlong; Xu, Hui and Bhatnagar, Sandeep

2015356775 **Nucletron Operations B.V.** The nature of the amendment is as shown in the statement filed 12 May 2020

## 2016

2016238768 **Centre National de la Recherche Scientifique; Université de Haute Alsace** The nature of the amendment is as shown in the statement filed 12 May 2020

2016267286 **AGC Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2020

2016330932 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 30 Apr 2020

## 2017

2017262235 **Anacor Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Apr 2020

2017268523 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is: Amend the name of the inventor to read TATKOV, Stanislav; CRONE, Christopher Malcolm; HAWKINS, Peter; HAN, Jae Chul; O'DONNELL, Kevin Peter and SOMERVELL, Andrew Robert Donald

2017296918 **CJ Cheiljedang Corporation** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2020

2017316199 **NAL Pharmaceutical Group Limited; Mo, Y.J.** The nature of the amendment is: Amend the name of the inventor to read Mo, Y. Joseph and Chu, Chun Kwong

2017382389 **GSK Consumer Healthcare S.A.** The nature of the amendment is: Amend the invention title to read Smart electrode assembly for transcutaneous electrical nerve stimulation (TENS)

## Amendments

## 2018

2018230967 **Medos International Sàrl** The nature of the amendment is: Amend the name of the inventor to read Buehlmann, Eric; Flock, Judith; Richter, Joern; Klett, Jan; Thommen, Daniel; White, Michael; Gully, Stephane; Zollmann, Veronique Christine; Kane, William; Lilienfeld, Sean; Amaral, Joseph; Canady, John and Gamache, Thomas

2018231241 **Medos International Sàrl** The nature of the amendment is: Amend the name of the inventor to read White, Michael; Richter, Joern; Klett, Jan; Gully, Stephane; Zollmann, Veronique Christine and Kocharian, Richard

2018392163 **Sim&Cure** The nature of the amendment is as shown in the statement filed 10 Jul 2020

2018400409 **NTT DOCOMO, Inc.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018402162 **NTT DOCOMO, Inc.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018402429 **NTT DOCOMO, Inc.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018432145 **Nanjing University of Science and Technology** The nature of the amendment is: Amend the invention title to read METHOD FOR SHORT-TERM TRAFFIC FLOW PREDICTION BASED ON SPATIOTEMPORAL CORRELATION

## 2019

2019100400 **Mainset Pty Limited** The nature of the amendment is as shown in the statement filed 07 Apr 2020

2019205134 **Dr. Reddy's Laboratories Ltd.** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2020

2019206921 **Triastek, Inc.** The nature of the amendment is: Amend the priority details to read PCT/CN2018/071965 09 Jan 2018 CN; 16/233,831 27 Dec 2018 US and 15/937,528 27 Mar 2018 US

2019207761 **BioNTech RNA Pharmaceuticals GmbH; TRON - Transnationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH** The nature of the amendment is: Amend the name of the inventor to read SAHIN, Ugur; HAAS, Heinrich; VOGEL, Annette; ERBAR, Stephanie; WALZER, Kerstin; SCHLEGEL, Anne; HÖRNER, Sebastian; MORENO HERRERO, Jorge; KLAMP, Thorsten; KREITER, Sebastian; DIKEN, Mustafa and HELLER, Phillip

2019208840 **Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Intestinal FB ratio reducing agent and food product composition containing same

2019215678 **Sandvik Mining and Construction Oy** The nature of the amendment is: Amend the invention title to read APPARATUS FOR ROD HANDLING, ROCK DRILLING UNIT AND METHOD

2019219900 **Noritz Corporation** The nature of the amendment is: Amend the invention title to read COMBUSTION DEVICE

**Amendments**

2019224319 **Nippon Soda Co., Ltd.** The nature of the amendment is: Amend the invention title to read AGRICULTURAL AND HORTICULTURAL FUNGICIDE COMPOSITION

2019237053 **Plöckl GmbH & Co. Industrieoptik KG** The nature of the amendment is: Amend the invention title to read Milling adapter for a work table

2019356368 **LG Chem, Ltd.** The nature of the amendment is: Amend the invention title to read Battery module, battery rack including battery module, and energy storage system including battery rack

**2020**

2020100377 **Jiangsu University** The nature of the amendment is: Amend the name of the inventor to read CHEN, Quansheng; WANG, Ancheng; JIAO, Tianhui; WANG, Bing; XU, Yi; LI, Huanhuan; OUYANG, Qin; LIN, Hao and GUO, Zhiming

2020100812 **Qiannan Normal College for Nationalities** The nature of the amendment is: Application is to proceed under the number 2020213314

2020100813 **Qiannan Normal College for Nationalities** The nature of the amendment is: Application is to proceed under the number 2020213315

2020101074 **Shihezi University** The nature of the amendment is: Amend the invention title to read Licorice root residue-based hierarchical porous carbon, preparation method and application thereof

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

2020101413 **Institute of Plant Protection, Fujian Academy of Agricultural Sciences** The nature of the amendment is: Amend the invention title to read LAMP PRIMER AND METHOD FOR DETECTING MYCOCENTROSPORA ACERINA

2020203211 **Fraser, M.** The nature of the amendment is: Application is to proceed under the number 2020101688

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

**2005**

2005314211 **OneD Material LLC** The name of the patentee has been altered to **OneD Material, Inc.**

**2006**

2006343556 **OneD Material LLC** The name of the patentee has been altered to **OneD Material, Inc.**

**2009**

2009254956 **Oxford Biodynamics Limited** The name of the patentee has been altered to **Oxford BioDynamics PLC**

**2011**

2011211404 **OneD Material LLC** The name of the patentee has been altered to **OneD Material, Inc.**

**Amendments**

**2012**

2012344005 **Morpho** The name of the patentee has been altered to **Idemia Identity & Security France**

**2013**

2013296557 **biOasis Technologies Inc.** The name of the patentee has been altered to **Bioasis Technologies, Inc.**

**2014**

2014231720 **Ultraclean Fuel Pty Limited** The name of the patentee has been altered to **Ultraclean Fuel Limited**

2014243816 **biOasis Technologies Inc.** The name of the patentee has been altered to **Bioasis Technologies, Inc.**

**2015**

2015210612 **biOasis Technologies, Inc.** The name of the patentee has been altered to **Bioasis Technologies, Inc.**

2015219339 **biOasis Technologies, Inc.** The name of the patentee has been altered to **Bioasis Technologies, Inc.**

2015238872 **Morpho** The name of the patentee has been altered to **Idemia Identity & Security France**

2015252906 **biOasis Technologies, Inc.** The name of the applicant has been altered to **Bioasis Technologies, Inc.**

**2016**

2016202869 **Morpho** The name of the applicant has been altered to **Idemia Identity & Security France**

2016281766 **Oxford Biodynamics Limited** The name of the patentee has been altered to **Oxford BioDynamics PLC**

2016281772 **Oxford Biodynamics Limited** The name of the patentee has been altered to **Oxford BioDynamics PLC**

2016281776 **Oxford Biodynamics Limited** The name of the patentee has been altered to **Oxford BioDynamics PLC**

2016433121 **Oxford Biodynamics Limited** The name of the applicant has been altered to **Oxford BioDynamics PLC**

**2017**

2017261442 **Oxford Biodynamics Limited** The name of the applicant has been altered to **Oxford BioDynamics PLC**

2017301029 **Ardagh MP Group Netherlands B.V.** The name of the applicant has been altered to **Trivium Packaging Group Netherlands B.V.**

2017316199 **NAL Pharmaceutical Group Limited; Mo, Joseph Y.** The name of the applicant has been altered to **NAL Pharmaceutical Group Limited; Mo, Y.J.**

2017316746 **Ardagh MP Group Netherlands B.V.** The name of the applicant has been altered to **Trivium Packaging Group Netherlands B.V.**

**Amendments**

2017340775 Eyebrain Medical, Inc. The name of the applicant has been altered to **Neurolens, Inc.**

2017366879 Censa Pharmaceuticals Inc. The name of the applicant has been altered to **PTC Therapeutics MP, Inc.**

2017367245 Oxford Biodynamics Limited The name of the applicant has been altered to **Oxford BioDynamics PLC**

2017374721 Cstone Pharmaceuticals (Suzhou) Co., Ltd.; Cstone Pharmaceuticals (Shanghai) Co. Ltd.; CStone Pharmaceuticals The name of the applicant has been altered to **Cstone Pharmaceuticals (Suzhou) Co., Ltd.; Cstone Pharmaceuticals (Shanghai) Co., Ltd.; CStone Pharmaceuticals**

**2018**

2018206488 Eyebrain Medical, Inc. The name of the applicant has been altered to **Neurolens, Inc.**

2018209460 Ardagh MP Group Netherlands B.V. The name of the applicant has been altered to **Trivium Packaging Group Netherlands B.V.**

2018302248 Hoffman Technologies, Inc. The name of the applicant has been altered to **Hoffman Technologies LLC**

2018330035 Eyebrain Medical, Inc. The name of the applicant has been altered to **Neurolens, Inc.**

2018344573 Oxford Biodynamics Limited The name of the applicant has been altered to **Oxford BioDynamics PLC**

2018361833 Oxford Biodynamics Limited The name of the applicant has been altered to **Oxford BioDynamics PLC**

2018397593 Eyebrain Medical, Inc. The name of the applicant has been altered to **Neurolens, Inc.**

**2019**

2019202704 biOasis Technologies Inc. The name of the applicant has been altered to **Bioasis Technologies, Inc.**

2019211411 PDI Therapeutics, Inc. The name of the applicant has been altered to **Cullinan Mica Corp.**

2019219864 Oxford Biodynamics Limited The name of the applicant has been altered to **Oxford BioDynamics PLC**

**2020**

2020100475 YUAN, LIBO; YANG, SHITAI The name of the patentee has been altered to **Guilin University of Electronic Technology; YUAN, L.**

2020101536 Gansu Natural Energy Institute ; Liu, Xiaomin The name of the applicant has been altered to **Gansu Natural Energy Research Institute; Liu, X.**

2020101587 China Academy of Water resources and Hydropower The name of the applicant has been altered to **China Institute of Water Resources and Hydropower Research**

**Amendments**

2020101589 Zhejiang University of Technology The name of the applicant has been altered to **Zhejiang Kefeng Biotechnology Co.,Ltd; Zhejiang University of Technology**

2020201792 Arvinas, Inc. The name of the applicant has been altered to **Arvinas Operations, Inc.**

2020202436 eyeBrain Medical, Inc. The name of the applicant has been altered to **Neurolens, Inc.**

2020203170 Z Optics LLC The name of the applicant has been altered to **Z Optics, Inc.**

2020902567 University of Adelaide Enterprise The name of the applicant has been altered to **The University of Adelaide; Universität Stuttgart**

Applications Open to Public Inspection

Name Index

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

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(71) 4DMedical Limited  
 (11) AU-A-2020210295  
 (21) 2020210295 (22) 31.07.2020  
 (54) Method Of Imaging  
 (51) Int. Cl.  
     **A61B 6/02** ( 2006.01 )  
     **A61B 5/08** ( 2006.01 )  
     **A61B 8/08** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2015246630  
 (72) FOURAS, Andreas  
 (74) WRAYS PTY LTD

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(71) AbbVie Inc.  
 (11) AU-A-2020210218  
 (21) 2020210218 (22) 29.07.2020  
 (54) Bcl xL inhibitory compounds having low cell permeability and antibody drug conjugates including the same  
 (51) Int. Cl.  
     **C07D 417/14** ( 2006.01 )  
     **A61K 31/428** ( 2006.01 )  
     **A61K 31/429** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07D 513/04** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2015360613  
 (72) TAO, Zhi-Fu; DOHERTY, George; WANG, Xilu; SULLIVAN, Gerard M.; SONG, Xiaohong; KUNZER, Aaron R.; WENDT, Michael D.; MARIN, Violeta L.; FREY, Robin R.; CULLEN, Steve C.; WELCH, Dennie S.; SHEN, Xiaoqiang; BENNETT, Nathan B.; HAIGHT, Anthony R.; ACKLER, Scott L.; BOGHAERT, Erwin R.; SOUERS, Andrew J.; JUDD, Andrew S.  
 (74) Spruson & Ferguson

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(71) AbbVie Inc.  
 (11) AU-A-2020210220  
 (21) 2020210220 (22) 29.07.2020  
 (54) Bcl-xL inhibitory compounds and antibody drug conjugates including the same  
 (51) Int. Cl.  
     **C07D 417/14** ( 2006.01 )  
     **A61K 31/428** ( 2006.01 )  
     **A61K 31/429** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07D 513/04** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2015360621  
 (72) TAO, Zhi-Fu; DOHERTY, George; WANG, Xilu; SULLIVAN, Gerard M.; SONG, Xiaohong; KUNZER, Aaron R.; WENDT, Michael D.; FREY, Robin R.; CULLEN, Steve C.; WELCH, Dennie S.; SHEN, Xiaoqiang; BENNETT, Nathan B.; HAIGHT, Anthony R.; ACKLER, Scott L.;

BOGHAERT, Erwin R.; SOUERS, Andrew J.; JUDD, Andrew S.  
 (74) Spruson & Ferguson

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(71) Ab Initio Technology LLC  
 (11) AU-A-2020210281  
 (21) 2020210281 (22) 31.07.2020  
 (54) IMPACT ANALYSIS  
 (51) Int. Cl.  
     **G06F 9/44** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2015342993  
 (72) Gould, Joel; Studer, Scott  
 (74) RnB IP Pty Ltd

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(71) Acerus Biopharma Inc.  
 (11) AU-A-2020210227  
 (21) 2020210227 (22) 29.07.2020  
 (54) INTRANASAL TESTOSTERONE GEL FORMULATIONS AND USE THEREOF FOR TREATING MALE HYPOGONADISM  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 9/06** ( 2006.01 )  
     **A61K 31/568** ( 2006.01 )  
     **A61K 47/34** ( 2006.01 )  
     **A61K 47/44** ( 2006.01 )  
     **A61P 5/26** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2019201618  
 (72) Kreppner, Wayne; Fogarty, Siobhan; Oberegger, Werner; Maes, Paul José Pierre Marie  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Acura Pharmaceuticals, Inc.  
 (11) AU-A-2020210206  
 (21) 2020210206 (22) 29.07.2020  
 (54) Self-regulated release of active pharmaceutical ingredient  
 (51) Int. Cl.  
     **A61K 9/14** ( 2006.01 )  
     **A61K 9/48** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2018260929  
 (72) Brzeczko, Albert W.; Hollenbeck, Gary R.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Adaptive Biotechnologies Corp.  
 (11) AU-A-2020210279  
 (21) 2020210279 (22) 31.07.2020  
 (54) LARGE-SCALE BIOMOLECULAR ANALYSIS WITH SEQUENCE TAGS  
 (51) Int. Cl.  
     **C12Q 1/68** ( 2006.01 )

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 (62) 2014284501  
 (72) Faham, Malek; Moorhead, Martin; Asbury, Thomas; Hervold, Kieran; Kotwaliwale, Chitra; Weng, Li; Wittkop, Tobias; Zheng, Jianbiao  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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Adimab, LLC see Merck Sharp & Dohme Corp.  
 (21) 2020210233

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(71) Aerovironment, Inc.  
 (11) AU-A-2020210247  
 (21) 2020210247 (22) 30.07.2020  
 (54) UAV payload module camera assembly and retraction mechanism  
 (51) Int. Cl.  
     **B64D 47/00** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2018263983  
 (72) ZWAAN, John Peter; BELIK, Pavel; DIMOTAKIS, Manolis; D'AQUILA, Christopher J.  
 (74) Spruson & Ferguson

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(71) Afton Chemical Corporation  
 (11) AU-A-2020200507  
 (21) 2020200507 (22) 23.01.2020  
 (54) Fuel Additive Mixture Providing Rapid Injector Clean-up in High Pressure Gasoline Engines  
 (51) Int. Cl.  
     **C10L 1/223** ( 2006.01 )  
     **C10L 10/04** ( 2006.01 )  
     **C10L 10/06** ( 2006.01 )  
 (31) 16/263,053 (32) 31.01.19 (33) US  
 (43) 20.08.2020  
 (72) SHANAHAN, Charles; NUCKOLS, Michel  
 (74) Patent Attorney Services

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2020210283  
 (21) 2020210283 (22) 31.07.2020  
 (54) Blockchain asset issuing and redemption methods and apparatuses, and electronic device therefore  
 (51) Int. Cl.  
     **G06Q 20/00** ( 2012.01 )  
 (43) 20.08.2020  
 (62) 2019204019  
 (72) Hu, Danqing; Lin, Sen; Zhang, Junliang  
 (74) Spruson & Ferguson

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(71) Andreotti, A.  
 (11) AU-A-2020200300  
 (21) 2020200300 (22) 15.01.2020

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- (54) The Use of Acetanalide in the Treatment of Parkinson's Disease and Lewy Body Dementia  
 (51) Int. Cl.  
**A61K 31/167** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
 (31) 2019900127 (32) 16.01.19 (33) AU  
 (43) 20.08.2020  
 (72) Andreotti, Andrew Umberto  
 (74) Andrew Umberto Andreotti
- 
- (71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2020200635  
 (21) 2020200635 (22) 29.01.2020  
 (54) Management system for game token coin  
 (51) Int. Cl.  
**A63F 5/04** ( 2006.01 )  
**G06K 19/00** ( 2006.01 )  
**G07F 1/06** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
**H04B 5/02** ( 2006.01 )  
 (31) 2019-028885 (32) 31.01.19 (33) JP  
 (43) 20.08.2020  
 (72) Shigeta, Yasushi  
 (74) Davies Collison Cave Pty Ltd
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- (71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2020210240  
 (21) 2020210240 (22) 30.07.2020  
 (54) CARD GAME MONITORING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2018250457  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020210234  
 (21) 2020210234 (22) 30.07.2020  
 (54) Recording and broadcasting application visual output  
 (51) Int. Cl.  
**A63F 13/79** ( 2014.01 )  
**G06F 15/16** ( 2006.01 )  
**G06Q 30/02** ( 2012.01 )  
**H04L 29/06** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**H04N 7/16** ( 2006.01 )  
**H04N 7/173** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2017286296  
 (72) FOLSE, Jennifer L.C.; CHEN, Elbert D.; CLARKE, Graham R.; MARTIN, Lucas; BACHMAN, William M.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020210251  
 (21) 2020210251 (22) 30.07.2020  
 (54) Event recognition  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
**G06F 3/0488** ( 2013.01 )  
**G06F 9/44** ( 2006.01 )
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- (43) 20.08.2020  
 (62) 2018211275  
 (72) Shaffer, Joshua H.; Kocienda, Kenneth L.; Chaudhri, Imran  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.  
 (11) AU-A-2020210262  
 (21) 2020210262 (22) 30.07.2020  
 (54) Voice communication method  
 (51) Int. Cl.  
**G06F 3/0488** ( 2013.01 )  
**G06F 1/16** ( 2006.01 )  
**G06F 3/0362** ( 2013.01 )  
**G06F 3/0481** ( 2013.01 )  
**H04L 29/06** ( 2006.01 )  
**H04M 1/2745** ( 2006.01 )  
**H04M 1/56** ( 2006.01 )  
**H04M 1/57** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2018269510  
 (72) JON, Tiffany S.; ANZURES, Freddy Allen; LEMAY, Stephen O.; SUNDSTROM, Matthew J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Aristocrat Technologies, Inc.  
 (11) AU-A-2020200821  
 (21) 2020200821 (22) 05.02.2020  
 (54) SYSTEMS AND METHODS FOR EVALUATING A PERSISTENT BONUS GAME JACKPOT AGAINST A DYNAMICALLY SELECTED PAYTABLE  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/752,216 (32) 24.01.20 (33) US  
 62/801,724 06.02.19 US  
 (43) 20.08.2020  
 (72) IDEUS, Eldon; CASEY, Michael; WALSH, Kevin  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019236742  
 (21) 2019236742 (22) 27.09.2019  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (31) 2019900375 (32) 06.02.19 (33) AU  
 (43) 20.08.2020  
 (72) BRYANT, Natalie; CRISPINO, Oliver  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019236743  
 (21) 2019236743 (22) 27.09.2019  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 2019900376 (32) 06.02.19 (33) AU  
 (43) 20.08.2020  
 (72) SEIFERT, Philip  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019236744  
 (21) 2019236744 (22) 27.09.2019  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 2019900377 (32) 06.02.19 (33) AU  
 (43) 20.08.2020  
 (72) BRYANT, Natalie; SEIFERT, Philip; HEDLEY, Nicole; DY, Ronald; DANG, John  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019236745  
 (21) 2019236745 (22) 27.09.2019  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 2019900378 (32) 06.02.19 (33) AU  
 (43) 20.08.2020  
 (72) BRYANT, Natalie; CRISPINO, Oliver  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019280011  
 (21) 2019280011 (22) 11.12.2019  
 (54) A GAMING SYSTEM WITH PROXIMITY BASED FUNDS TRANSFER  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**G06F 3/00** ( 2006.01 )  
 (31) 2019900280 (32) 31.01.19 (33) AU  
 (43) 20.08.2020  
 (72) WYLLIE, Andrew; WONG, Andrew  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020210263  
 (21) 2020210263 (22) 30.07.2020  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
**A63F 13/00** ( 2006.01 )  
 (43) 20.08.2020  
 (62) 2018204075  
 (72) BAUER, Donald; MORROW, James William  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020210264  
 (21) 2020210264 (22) 30.07.2020  
 (54) GAMING MACHINES, SYSTEMS, AND METHODS WITH CONFIGURABLE BUTTON DECK INCLUDING A DYNAMIC LOW PROFILE PUSHBUTTON ASSEMBLY  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )



Applications Open to Public Inspection - Name Index cont'd

- (43) 20.08.2020  
(62) 2018204240  
(72) JADEJA, Rajendrasinh Banesinh  
(74) Griffith Hack
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- (71) ASSA ABLOY New Zealand Limited  
(11) AU-A-2020200579  
(21) 2020200579 (22) 28.01.2020  
(54) LOCK ASSEMBLY FURNITURE  
(51) Int. Cl.  
*E05B 15/02* ( 2006.01 )  
*E05B 9/08* ( 2006.01 )
- (31) 750373 (32) 01.02.19 (33) NZ  
754714 19.06.19 NZ  
(43) 20.08.2020  
(72) Stenhouse, Damon Peter  
(74) Ellis Terry
- 
- (71) ATT Southern Inc.  
(11) AU-A-2020200785  
(21) 2020200785 (22) 04.02.2020  
(54) Pot assembly with a saucer  
(51) Int. Cl.  
*A01G 9/02* ( 2018.01 )  
*A01G 9/04* ( 2006.01 )
- (31) 16/267,717 (32) 05.02.19 (33) US  
(43) 20.08.2020  
(72) Hung, Chun; Brinckerhoff, Amy; Stein, Robert  
(74) Davies Collison Cave Pty Ltd
- 
- (71) AVALYN PHARMA INC.  
(11) AU-A-2020210246  
(21) 2020210246 (22) 30.07.2020  
(54) AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF  
(51) Int. Cl.  
*A61K 31/4418* ( 2006.01 )
- (43) 20.08.2020  
(62) 2015204558  
(72) SURBER, Mark William  
(74) AJ PARK
- 
- (71) BlueScope Steel Limited  
(11) AU-A-2020210256  
(21) 2020210256 (22) 30.07.2020  
(54) Solar Roof Panel  
(51) Int. Cl.  
*H01L 31/042* ( 2006.01 )  
*H04D 13/18* ( 2006.01 )  
*H02S 20/23* ( 2014.01 )
- (43) 20.08.2020  
(62) 2018229533  
(72) RYAN, Brad; CLAYTON, Trevor; ADAMS, Jamie; TANNAHILL, Vincent; KLEES, Robert  
(74) WRAYS PTY LTD
- 
- (71) Boehringer Ingelheim Animal Health USA Inc.  
(11) AU-A-2020210266  
(21) 2020210266 (22) 30.07.2020  
(54) Extended release injectable formulations comprising an isoxazoline active agent, methods and uses thereof
- (51) Int. Cl.  
*A61K 31/422* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 47/10* ( 2006.01 )  
*A61P 33/00* ( 2006.01 )  
*A61P 33/14* ( 2006.01 )
- (43) 20.08.2020  
(62) 2016246598  
(72) Cady, Susan Mancini; Cheifetz, Peter; Galeska, Izabela; De Fallois, Loic Le Hir  
(74) FB Rice Pty Ltd
- 
- (71) Bookbuild Group Pty Ltd  
(11) AU-A-2020200779  
(21) 2020200779 (22) 03.02.2020  
(54) CROWD-SOURCED ASSET VALUATION SYSTEM AND METHOD  
(51) Int. Cl.  
*G06Q 40/06* ( 2012.01 )
- (31) 2019900313 (32) 01.02.19 (33) AU  
(43) 20.08.2020  
(72) Hao, Patrick  
(74) AUCTUS ATTORNEYS AND ADVISORS PTY LTD
- 
- (71) Brady Worldwide, Inc.  
(11) AU-A-2020200189  
(21) 2020200189 (22) 10.01.2020  
(54) PADLOCK WITH INTEGRATED KEYWAY  
(51) Int. Cl.  
*E05B 67/24* ( 2006.01 )  
*E05B 63/00* ( 2006.01 )
- (31) 16/269,228 (32) 06.02.19 (33) US  
(43) 20.08.2020  
(72) Melkovitz, Jack C.; Grimmer, Larry R.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Brady Worldwide, Inc.  
(11) AU-A-2020200233  
(21) 2020200233 (22) 13.01.2020  
(54) LOCK WITH INTEGRATED CAM  
(51) Int. Cl.  
*E05B 67/00* ( 2006.01 )
- (31) 16/269,248 (32) 06.02.19 (33) US  
(43) 20.08.2020  
(72) Melkovitz, Jack C.; Grimmer, Larry R.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Brady Worldwide, Inc.  
(11) AU-A-2020200234  
(21) 2020200234 (22) 13.01.2020  
(54) PADLOCK WITH LOCKING MECHANISM BIASING DEVICE  
(51) Int. Cl.  
*E05B 67/00* ( 2006.01 )  
*E05B 67/24* ( 2006.01 )
- (31) 16/269,163 (32) 06.02.19 (33) US  
(43) 20.08.2020  
(72) Melkovitz, Jack C.; Town, Scott M.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Canon Kabushiki Kaisha  
(11) AU-A-2020210276  
(21) 2020210276 (22) 31.07.2020  
(54) Method, apparatus and system for encoding and decoding video data  
(51) Int. Cl.  
*H04N 19/10* ( 2014.01 )  
*H04N 19/103* ( 2014.01 )  
*H04N 19/60* ( 2014.01 )
- (43) 20.08.2020  
(62) 2017204643  
(72) Christopher James Rosewarne; Andrew James Dorrell  
(74) Spruson & Ferguson
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- (71) Caterpillar Inc.  
(11) AU-A-2020200501  
(21) 2020200501 (22) 23.01.2020  
(54) SYSTEMS AND METHODS FOR OBTAINING DATA FROM MACHINES DISCONNECTED FROM A NETWORK  
(51) Int. Cl.  
*H04W 4/38* ( 2018.01 )  
*H04L 29/00* ( 2006.01 )  
*H04W 84/18* ( 2009.01 )
- (31) 16/263,670 (32) 31.01.19 (33) US  
(43) 20.08.2020  
(72) STAUB, Michael D.; WILSON, Jeremy J.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CATERPILLAR INC.  
(11) AU-A-2020200503  
(21) 2020200503 (22) 23.01.2020  
(54) AUTOMATIC TARGET SELECTION FOR WORKSITE SPOTTING  
(51) Int. Cl.  
*G05D 1/02* ( 2020.01 )  
*E02F 1/00* ( 2006.01 )  
*E21B 44/00* ( 2006.01 )  
*E21C 35/24* ( 2006.01 )
- (31) 16/264,862 (32) 01.02.19 (33) US  
(43) 20.08.2020  
(72) GITZ, David  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Cellvertics Co., Ltd.  
(11) AU-A-2020210225  
(21) 2020210225 (22) 29.07.2020  
(54) Pharmaceutical composition for preventing or treating diabetes and/or hyperlipidemia comprising midorine or pharmaceutically acceptable salt thereof as active ingredient  
(51) Int. Cl.  
*A61K 31/165* ( 2006.01 )  
*A61K 9/14* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
*A61K 38/28* ( 2006.01 )
- (43) 20.08.2020  
(62) 2017346267  
(72) SEO, Hong Seog  
(74) Griffith Hack
- 
- (71) Central South University  
(11) AU-A-2020200691  
(21) 2020200691 (22) 30.01.2020

Applications Open to Public Inspection - Name Index cont'd

- (54) METHODS AND DEVICES FOR DETECTING ABNORMAL ALUMINA CONCENTRATION AND FOR MONITORING ELECTROLYTE TEMPERATURE IN ALUMINUM ELECTROLYSIS DRIVEN BY PROCESS MECHANISM KNOWLEDGE
- (51) Int. Cl.  
**C25C 3/20** ( 2006.01 )  
**C25B 15/02** ( 2006.01 )  
**C25C 3/06** ( 2006.01 )
- (31) 201910108651.5 (32) 03.02.19 (33) CN  
 201910108661.9 03.02.19 CN  
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- (43) 20.08.2020  
 (72) Chen, Xiaofang; Zeng, Zhaohui; Xie, Yongfang; Gui, Weihua; Li, Li; Wu, Renchao  
 (74) Madderns Pty Ltd
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- (71) Channel Medsystems, Inc.  
 (11) AU-A-2020210285  
 (21) 2020210285 (22) 31.07.2020  
 (54) Liner for cryogenic treatment systems  
 (51) Int. Cl.  
**A61B 18/02** ( 2006.01 )  
**A61B 18/04** ( 2006.01 )  
**A61B 18/24** ( 2006.01 )
- (43) 20.08.2020  
 (62) 2018233046  
 (72) Burnett, Daniel R.; Malecki, William  
 (74) Griffith Hack
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- (71) Channel Medsystems, Inc.  
 (11) AU-A-2020210299  
 (21) 2020210299 (22) 31.07.2020  
 (54) Exhaust collection bag for cryogenic treatment  
 (51) Int. Cl.  
**A61B 18/02** ( 2006.01 )
- (43) 20.08.2020  
 (62) 2018250361  
 (72) Sylliaasen, Scott; Cote, Ric; Malecki, William  
 (74) Griffith Hack
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- (71) Clean Coal Technologies, Inc.  
 (11) AU-A-2020210241  
 (21) 2020210241 (22) 30.07.2020  
 (54) TREATMENT OF COAL  
 (51) Int. Cl.  
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 (51) Int. Cl.  
     D06F 37/06 ( 2006.01 )  
     D06F 37/04 ( 2006.01 )  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
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 (54) Laundry treating apparatus  
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     D06F 37/04 ( 2006.01 )  
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     10-2019-0080607 04.07.19 KR  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
     D06F 37/04 ( 2006.01 )  
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     10-2019-0135451 29.10.19 KR  
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 (11) AU-A-2020200664  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
     D06F 37/04 ( 2006.01 )  
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 (72) SEO, Min Soo; KIM, Jun Young; LEE, Hong Min  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
     D06F 39/02 ( 2006.01 )  
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 (54) Laundry treating apparatus  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
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 (54) Laundry treating apparatus and water sup-  
 ply control method thereof  
 (51) Int. Cl.  
 D06F 35/00 ( 2006.01 )  
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 (72) PARK, Juhyeong; SEO, Minsoo; KANG,  
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 (54) Laundry treating apparatus  
 (51) Int. Cl.  
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 (72) LEE, Kilryong; KWON, Yongwoo; SUH,  
 Bokyung  
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(71) LG Electronics Inc.  
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 (54) Apparatus for treating laundry  
 (51) Int. Cl.  
 D06F 39/02 ( 2006.01 )  
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 (54) Refrigerator  
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 H04R 1/02 ( 2006.01 )  
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 (74) Dentons Patent Attorneys Australasia  
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 (54) LDPC CODE TRANSMISSION METHOD  
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 TURE, AND DEVICE THEREFOR  
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 H03M 13/11 ( 2006.01 )  
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 A61N 5/10 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
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 (74) mdp Patent and Trade Mark Attorneys

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 (54) PRODUCT AND PROCESS OF PRODUCTION THEREOF  
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     **B09B 3/00** ( 2006.01 )  
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     **B04C 9/00** ( 2006.01 )

**C04B 18/30** ( 2006.01 )  
**C05F 9/00** ( 2006.01 )  
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 (51) Int. Cl.  
     **B65D 21/02** ( 2006.01 )  
     **B65D 41/04** ( 2006.01 )  
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 (54) HIGH STRENGTH POLYMER-BASED CARTRIDGE CASING AND MANUFACTURING METHOD  
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     **E02D 17/20** ( 2006.01 )  
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 (74) Armour IP Pty Ltd

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 (21) 2020210284 (22) 31.07.2020  
 (54) Apparatus, system and method for monitoring soil criteria during tillage operations and control of tillage tools  
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     **A01B 49/06** ( 2006.01 )  
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 (54) ACTIVE STABILIZING DEVICE AND METHOD  
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 (54) Establishment of a secure session between a card reader and a mobile device  
 (51) Int. Cl.  
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2019200264	Rix, F.	2020200805	TurboChef Technologies, Inc.
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. (\*) 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.)

A, V. see N, R.  
 (21) 2020101378

Abhijeet, D. see Kshirsagar, P.  
 (21) 2020101366

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 (21) 2020101429

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 (11) AU-A-2020101384  
 (21) 2020101384 (22) 16.07.2020  
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 (51) Int. Cl.  
     E01H 1/04 ( 2006.01 )  
     A47L 11/12 ( 2006.01 )  
     E01H 1/12 ( 2006.01 )  
     E01H 15/00 ( 2006.01 )  
 (45) 20.08.2020  
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 (72) TOZER, Warwick; TOZER, Stuart  
 (74) Davies Collison Cave Pty Ltd

(71) Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs  
 (11) AU-A-2020101380  
 (21) 2020101380 (22) 16.07.2020  
 (54) Milking parlour wastewater treatment system and method  
 (51) Int. Cl.  
     C02F 3/30 ( 2006.01 )  
     A01J 7/02 ( 2006.01 )  
 (31) 201910763898.0 (32) 19.08.19 (33) CN  
 (45) 20.08.2020  
 (72) YANG, Peng; ZHANG, Keqiang  
 (74) Cotters Patent & Trade Mark Attorneys

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 (54) A METHOD FOR THE PREPARATION OF ALUMINA  
 (51) Int. Cl.  
     C22B 3/10 ( 2006.01 )  
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 (62) 2019201248  
 (72) Tan, Ignatius Kim Seng; Liu, Jingyuan  
 (74) WRAYS PTY LTD

Anhui University of Technology see Maanshan Juli Technology Co., Ltd.  
 (21) 2020101341

(71) Animal Husbandry And Verterinary Research Institute Of Tibet Academy Of Agriculture And Animal Husbandry Sciences; Guangdong Ocean University; Zhanjiang Experimental Station Of Chinese Academy Of Tropical Agricultural Sciences  
 (11) AU-A-2020100965  
 (21) 2020100965 (22) 08.06.2020  
 (54) Method For Preparation Of Solid Phase Extraction Column Of Sophocarpine Molecularly Imprinted Polymer  
 (51) Int. Cl.  
     B01J 20/26 ( 2006.01 )  
     C08F 220/14 ( 2006.01 )  
 (45) 20.08.2020  
 (72) LABACIDAN; MA, Xingbin; WUJIN-CUOMU; LIN, Hongling; HE, Bingmei; YONG, Yanhong; SILANGYUZHEN; JI, Peng; BAN, Dan; GESANGZHUOGA  
 (74) WRAYS PTY LTD

(71) Apple Inc.  
 (11) AU-A-2020101324  
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**(21)** 2020101413      **(22)** 20.07.2020  
**(54)** LAMP PRIMER AND METHOD FOR DETECTING  
**(51)** Int. Cl.  
**C12Q 1/6895** ( 2018.01 )  
**C12Q 1/6853** ( 2018.01 )  
**(31)** 202010106049.0      **(32)** 21.02.20 **(33)** CN  
**(45)** 20.08.2020  
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**(74)** Remarkable IP
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- (71)** Institute of Rock and Soil Mechanics, Chinese Academy of Sciences; China University of Geosciences (Wuhan)  
**(11)** AU-A-2020101353  
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**(54)** INDOOR DRILLING PERCEPTION TEST SYSTEM FOR MECHANICAL PROPERTIES OF ROCK MASSES  
**(51)** Int. Cl.  
**G01N 1/08** ( 2006.01 )  
**G01N 3/12** ( 2006.01 )

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**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Institute of Vegetables and Flowers of the Chinese Academy of Agricultural Sciences  
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**(21)** 2020101387 **(22)** 16.07.2020  
**(54)** A Garlic Virus Detection Method And a Primer Thereof

**(51)** Int. Cl.  
**C12Q 1/70** ( 2006.01 )  
**C12Q 1/6888** ( 2018.01 )  
**(31)** 201910682934.0 **(32)** 26.07.19 **(33)** CN  
**(45)** 20.08.2020  
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**(74)** Ran Tao

**(71)** INTEGRATE BUSINESS SOLUTIONS PTY LTD

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**(21)** 2020100957 **(22)** 07.06.2020  
**(54)** Site assembled gates that use high tensile steel sections.  
**(51)** Int. Cl.  
**E06B 11/02** ( 2006.01 )  
**(45)** 20.08.2020  
**(72)** Biggs, Richard  
**(74)** INTEGRATE BUSINESS SOLUTIONS PTY LTD

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**(21)** 2020101366

**(71)** Jiangxi University of Traditional Chinese Medicine

**(11)** AU-A-2020101264  
**(21)** 2020101264 **(22)** 06.07.2020  
**(54)** METHOD FOR OPTIMIZING RADIX ACONITI LATERALIS PROCESSING PROCESS

**(51)** Int. Cl.  
**A61K 36/714** ( 2006.01 )  
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**(45)** 20.08.2020  
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**(74)** Alder IP Pty Ltd

Jinna, A. see Kshirsagar, P.  
**(21)** 2020101366

**(71)** K, L.; Ph.D., MISTE., S.S.M.; P, R.; M, R.; M, P.; L, S.; N., P.; Aditya Nag, M.V.; P.N., P.; Siva Prasad, B.V.V.  
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**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(45)** 20.08.2020  
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**(74)** Loheswaran K

**(71)** Kay, D.; Roman Shower Pty Ltd  
**(11)** AU-A-2020100763

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**(54)** A Walk-In Shower that Transforms into a Bath

**(51)** Int. Cl.  
**A47K 3/20** ( 2006.01 )  
**A47K 3/30** ( 2006.01 )  
**A47K 3/36** ( 2006.01 )  
**(45)** 20.08.2020  
**(72)** Kay, David  
**(74)** Roman Shower Pty Ltd

**(71)** KINGFA SCI TECH CO LTD  
**(11)** AU-A-2020101367

**(21)** 2020101367 **(22)** 14.07.2020  
**(54)** Flame-retardant Nylon composite material and application thereof

**(51)** Int. Cl.  
**C09K 21/12** ( 2006.01 )  
**C08K 3/32** ( 2006.01 )  
**C08K 5/13** ( 2006.01 )  
**C08K 7/14** ( 2006.01 )  
**C08K 13/02** ( 2006.01 )  
**C08L 77/02** ( 2006.01 )

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**(21)** 2020101430

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**(11)** AU-A-2020101366  
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**(54)** AN ARTIFICIAL INTELLIGENCE BASED VOICE INTERACTIVE DEVICE

**(51)** Int. Cl.  
**H04N 21/472** ( 2011.01 )  
**G10L 15/26** ( 2006.01 )  
**H04N 21/482** ( 2011.01 )

**(45)** 20.08.2020  
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**(74)** Pravin R. Kshirsagar

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**(21)** 2020101366

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**(21)** 2020101429

M, R. see P, S.  
**(21)** 2020101336

M, R. see K, L.  
**(21)** 2020101429

M, P. see K, L.  
**(21)** 2020101429

M.B., J. see T, S.  
**(21)** 2020101430

**(71)** Maanshan Juli Technology Co., Ltd.; Anhui University of Technology

**(11)** AU-A-2020101341  
**(21)** 2020101341 **(22)** 15.05.2020  
**(54)** Steam engine model with adjustable air output for metalworking practice teaching

**(51)** Int. Cl.  
**G09B 25/02** ( 2006.01 )  
**(31)** 201910642444.8 **(32)** 16.07.19 **(33)** CN  
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**(74)** Shelston IP Pty Ltd.

**(71)** Mach IV Pty Ltd

**(11)** AU-A-2020101269  
**(21)** 2020101269 **(22)** 06.07.2020  
**(54)** Method of Producing a Grease Cartridge

**(51)** Int. Cl.  
**B29C 45/14** ( 2006.01 )  
**F16N 3/12** ( 2006.01 )  
**F16N 37/02** ( 2006.01 )

**(45)** 20.08.2020  
**(72)** Schmaedeke, Michael  
**(74)** MEYER WEST IP PTY LTD

Mangla, M. see Sharma, A.  
**(21)** 2020101390

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**(21)** 2020101366

**(71)** Marinic, M.  
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 (51) Int. Cl.  
**A63B 67/00** ( 2006.01 )  
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 (72) Marinic, Marijana  
 (74) Marijana Marinic

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 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM  
 (51) Int. Cl.  
**A01D 41/12** ( 2006.01 )  
**A01D 75/00** ( 2006.01 )  
**A01F 12/42** ( 2006.01 )  
**A01F 12/44** ( 2006.01 )  
 (45) 20.08.2020  
 (62) 2019275558  
 (72) Mayerle, Dean  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (21) 2020101420 (22) 20.07.2020  
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM  
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**A01D 41/12** ( 2006.01 )  
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**A01F 12/42** ( 2006.01 )  
**A01F 12/44** ( 2006.01 )  
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 (51) Int. Cl.  
**A42B 3/04** ( 2006.01 )  
**G01S 19/01** ( 2010.01 )  
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Mehta, V. see Sharma, A.  
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Mewada, S. see Sharma, A.  
 (21) 2020101390

(71) Minetek Investments Pty Ltd  
 (11) AU-A-2020101414  
 (21) 2020101414 (22) 20.07.2020  
 (54) Transportable Evaporation System and Method  
 (51) Int. Cl.  
**B01D 1/16** ( 2006.01 )

**B05B 7/00** ( 2006.01 )  
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**F24F 6/12** ( 2006.01 )  
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 (72) Prouse, John Richard  
 (74) IP& Pty Ltd

Mittal, P. see Sharma, A.  
 (21) 2020101390

(71) Montes, C.  
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 (54) Dental separator  
 (51) Int. Cl.  
**A61C 5/80** ( 2017.01 )  
**A61B 1/24** ( 2006.01 )  
**A61C 19/04** ( 2006.01 )  
 (45) 20.08.2020  
 (72) Montes, Carolina  
 (74) Alder IP Pty Ltd

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**G16H 10/40** ( 2018.01 )  
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 (74) GOWTHAMI S

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 (21) 2020101429

(71) Nanjing Forestry University; Southeast University  
 (11) AU-A-2020101317  
 (21) 2020101317 (22) 10.07.2020  
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**G21C 17/00** ( 2006.01 )  
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 (74) WRAYS PTY LTD

(71) Nanjing Forestry University  
 (11) AU-A-2020101328

(21) 2020101328 (22) 10.07.2020  
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 (51) Int. Cl.  
**F16F 9/53** ( 2006.01 )  
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 (74) AJ Pietras IP Limited

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 (51) Int. Cl.  
**H04W 4/02** ( 2018.01 )  
**G01S 5/04** ( 2006.01 )  
**H04W 4/80** ( 2018.01 )  
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 (74) Remarkable IP

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 (21) 2020101410 (22) 20.07.2020  
 (54) Small molecule compound and derivative thereof  
 (51) Int. Cl.  
**C07D 495/04** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 47/38** ( 2006.01 )  
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 (74) Alder IP Pty Ltd

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 (51) Int. Cl.  
**G01N 27/20** ( 2006.01 )  
**G01L 1/16** ( 2006.01 )  
**H01L 41/113** ( 2006.01 )  
**H01L 41/187** ( 2006.01 )  
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 (74) Armour IP Pty Ltd

(71) Ningxia Agriculture and Forest Science Institution Wolfberry Engineering Technology Research Laboratory  
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 (21) 2020101326 (22) 10.07.2020  
 (54) Culture Medium  
 (51) Int. Cl.  
**C12N 5/04** ( 2006.01 )  
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(21) 2020101356 (22) 14.07.2020  
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A61K 36/40 (2006.01)  
C05F 11/00 (2006.01)  
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(74) James & Wells Intellectual Property
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- (71) North University Of China  
(11) AU-A-2020101399  
(21) 2020101399 (22) 17.07.2020  
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(51) Int. Cl.  
H01M 8/04992 (2016.01)  
H01M 8/0432 (2016.01)  
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H01M 8/18 (2006.01)  
H02J 7/00 (2006.01)  
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(74) Alder IP Pty Ltd
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- (71) O'Shea, J.  
(11) AU-A-2020101345  
(21) 2020101345 (22) 13.07.2020  
(54) Solar Kick Scooter  
(51) Int. Cl.  
B62K 3/00 (2006.01)  
B60L 8/00 (2006.01)  
B62K 15/00 (2006.01)  
B62K 17/00 (2006.01)  
B62M 6/40 (2010.01)  
B62M 6/85 (2010.01)  
B62M 6/90 (2010.01)  
(45) 20.08.2020  
(72) O'Shea, Julian  
(74) Julian O'Shea
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(11) AU-A-2020101373  
(21) 2020101373 (22) 15.07.2020  
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(51) Int. Cl.  
G03B 21/30 (2006.01)  
F16M 11/38 (2006.01)  
G03B 21/54 (2006.01)  
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(74) Alfred Lei
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G06Q 50/22 (2018.01)  
A61B 5/00 (2006.01)  
H04W 4/80 (2018.01)  
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(51) Int. Cl.  
G16H 10/60 (2018.01)  
A61B 5/117 (2016.01)  
G06N 20/00 (2019.01)  
G16H 50/80 (2018.01)  
H04W 4/029 (2018.01)  
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(74) GOWTHAMI S
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- P, K. see N, R.  
(21) 2020101378
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(21) 2020101429
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(21) 2020101429
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- Palagan, C.A. see N, R.  
(21) 2020101378
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(21) 2020101390
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(11) AU-A-2020101335  
(21) 2020101335 (22) 12.07.2020  
(54) RHM EMAKER BODY BUILDER - A advanced 2020 Plus SMP Technology machine, that creates and builds human organs, human tissues and human body matter, specifically to instruction - For immediate transplants into needing patients.  
(51) Int. Cl.  
A61F 2/02 (2006.01)  
(45) 20.08.2020  
(72) Pertot, Sara Martha Louisa  
(74) Sara Martha Louisa Pertot
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(11) AU-A-2020101337
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(54) FURRIFIC - A Magnificent And Beautiful Healing Tool - Using Cats Fur - To manually heal and clean the interior of the body, with fascinating and alluring ease and effect.  
(51) Int. Cl.  
A61H 7/00 (2006.01)  
A46B 3/00 (2006.01)  
(45) 20.08.2020  
(72) Pertot, Sara Martha Louisa  
(74) Sara Martha Louisa Pertot
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(54) EM VIOTIC - Quality Units And Houses - Made From Attractive, Durable, Quality Plastic And Plastic Base Construction Pieces, put together to form a Sensational EM VOITIC Residential Living Place.  
(51) Int. Cl.  
E04B 1/34 (2006.01)  
E04B 1/62 (2006.01)  
E04C 2/20 (2006.01)  
E04H 1/00 (2006.01)  
(45) 20.08.2020  
(72) Pertot, Sara Martha Louisa  
(74) Sara Martha Louisa Pertot
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(21) 2020101429
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- P Hegde, N. see T, S.  
(21) 2020101430
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- (71) Qilu University of Technology  
(11) AU-A-2020101299  
(21) 2020101299 (22) 09.07.2020  
(54) VANADIUM TETRASULFIDE-NITROGEN-DOPED CARBON TUBE COMPOSITE AND PREPARATION METHOD AND USE THEREOF  
(51) Int. Cl.  
H01M 4/133 (2010.01)  
H01M 4/24 (2006.01)  
H01M 4/58 (2010.01)  
H01M 4/583 (2010.01)  
(31) 202010512656.7 (32) 08.06.20 (33) CN  
(45) 20.08.2020  
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(74) Adams Pluck
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- (71) Qilu University of Technology  
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(21) 2020101381 (22) 16.07.2020  
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(51) Int. Cl.  
C08B 30/12 (2006.01)  
A24D 3/08 (2006.01)  
A61K 9/50 (2006.01)  
A61K 47/26 (2006.01)  
B01J 20/24 (2006.01)

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**(45)** 20.08.2020  
**(72)** GUO, Li; CUI, Bo  
**(74)** Chamberlains Law Firm Pty Limited

**(71)** Qilu University of Technology  
**(11)** AU-A-2020101398  
**(21)** 2020101398 **(22)** 17.07.2020  
**(54)** Process for ultrasonically exciting aluminum/salt mixed melt to prepare aluminum or aluminum alloy powder  
**(51)** Int. Cl.  
**B22F 9/06** ( 2006.01 )  
**B22F 9/02** ( 2006.01 )  
**(31)** 201910739986.7 **(32)** 12.08.19 **(33)** CN  
**(45)** 20.08.2020  
**(72)** Wang, Zhiming; Sun, Zhiping  
**(74)** Intellepro

**(71)** Qingdao Agricultural University  
**(11)** AU-A-2020101308  
**(21)** 2020101308 **(22)** 09.07.2020  
**(54)** Energy storage wall and solar greenhouse  
**(51)** Int. Cl.  
**F28D 20/00** ( 2006.01 )  
**F24S 60/00** ( 2018.01 )  
**(31)** 202010275472.3 **(32)** 09.04.20 **(33)** CN  
**(45)** 20.08.2020  
**(72)** LI, Qingqing  
**(74)** Baldwins Intellectual Property

**(71)** Quantum Engineering oy Ltd  
**(11)** AU-A-2020101282  
**(21)** 2020101282 **(22)** 08.07.2020  
**(54)** Full body fall arrest without suspension trauma  
**(51)** Int. Cl.  
**A41D 13/02** ( 2006.01 )  
**A62B 35/00** ( 2006.01 )  
**(45)** 20.08.2020  
**(72)** Hoover, Jack  
**(74)** Quantum Engineering oy Ltd

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**(21)** 2020101366

**R. Dudhagara, C. see Sharma, A.**  
**(21)** 2020101390

**Reddy, B.S. see Kshirsagar, P.**  
**(21)** 2020101366

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**(21)** 2020101378

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**(21)** 2020101378

**Reddy, M.R.P. see N, R.**  
**(21)** 2020101378

**Revana, G. see N, R.**  
**(21)** 2020101378

**(71)** Rhino Rack Australia Pty Limited  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**A61L 2/10** ( 2006.01 )  
**(45)** 20.08.2020  
**(72)** Rossborough, Richard Frederick  
**(74)** Richard Frederick Rossborough

**(71)** Rouland, M.  
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**(54)** Hard roof caravan annexe with integral walls and floor.  
**(51)** Int. Cl.  
**B60P 3/34** ( 2006.01 )  
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**(72)** Rouland, Matthew  
**(74)** Matthew Rouland

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**Sarkar, A. see Sharma, A.**  
**(21)** 2020101390

**(71)** Sayer, C.  
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**(21)** 2020101331 **(22)** 10.07.2020  
**(54)** Multipurpose Handle and Workpiece Attachment Tool  
**(51)** Int. Cl.  
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**(31)** 2019902454 **(32)** 10.07.19 **(33)** AU  
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**(72)** Sayer, Conrad Morgan  
**(74)** ACROGON GROUP PTY LTD

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**(71)** Shaanxi University of Science & Technology  
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**(45)** 20.08.2020  
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**(74)** Alder IP Pty Ltd

**(71)** Shandong First Medical University & Shandong Academy of Medical Sciences  
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**(54)** BACILLUS TEQUILENSIS AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**A01N 63/00** ( 2020.01 )  
**C12N 1/20** ( 2006.01 )  
**C12R 1/07** ( 2006.01 )  
**(31)** 202010636124.4 **(32)** 03.07.20 **(33)** CN  
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**(72)** Zhang, Zhong; Zhang, Ruiling; Wu, Guoxing; Zhang, Xinyu; Zhang, Qian; Le, Qianqian  
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**A01N 63/00** ( 2020.01 )  
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 (72) Xu, Jianchao  
 (74) Remarkable IP

(71) Shanxi University of Chinese Medicine  
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 (51) Int. Cl.  
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 (74) Aditi Sharma

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 (51) Int. Cl.  
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     E04F 11/18 ( 2006.01 )  
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 (72) Cook, Matthew  
 (74) Collison & Co

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 (54) Sprinkler Elevation Device  
 (51) Int. Cl.  
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(54) Glove  
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**G06Q 50/08** ( 2012.01 )  
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Which Catalyze Atomic Sites Of Malodor-  
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ATED SYSTEM  
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     F16L 55/44 ( 2006.01 )  
     B08B 9/049 ( 2006.01 )  
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     D06B 15/00 ( 2006.01 )  
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     B01D 24/14 ( 2006.01 )  
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 (72) Zhang, Changai; Shan, Shengdao; Ping, Lifeng; Chai, Yanjun; Zhuang, Haifeng  
 (74) Remarkable IP

(71) ZHUHAI HERMESIN ENTERPRISES CO.,LTD  
 (11) AU-A-2020101389  
 (21) 2020101389 (22) 16.07.2020  
 (54) Environment-Friendly Recyclable Dehumidification Container  
 (51) Int. Cl.  
     B65D 81/26 ( 2006.01 )  
     B01D 53/26 ( 2006.01 )  
     B65D 25/14 ( 2006.01 )  
     B65D 33/01 ( 2006.01 )  
 (45) 20.08.2020  
 (72) LU, Xi; YIN, Tai Xing  
 (74) WEN JI HE

(71) Zhuning Medical PTY LTD  
 (11) AU-A-2020101407  
 (21) 2020101407 (22) 18.07.2020  
 (54) Topical antibody to treat acute and chronic infection of skin/soft tissue Doxycycline concentration 0-100%  
 (51) Int. Cl.  
     A61K 9/06 ( 2006.01 )  
     A61K 31/65 ( 2006.01 )  
     A61P 17/02 ( 2006.01 )  
 (45) 20.08.2020  
 (72) Zhu, Ning  
 (74) Zhuning Medical PTY LTD



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<b>2019101741</b>	Arctech Solar Holding Co., Ltd.	<b>2020101352</b>	Chongqing University of Education
<b>2020100763</b>	Kay, D.; Roman Shower Pty Ltd	<b>2020101353</b>	Institute of Rock and Soil Mechanics, Chinese Academy of Sciences; China University of Geosciences (Wuhan)
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		<b>2020101356</b>	Montes, C.
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<b>2020101264</b>	Jiangxi University of Traditional Chinese Medicine	<b>2020101360</b>	Xihua University
<b>2020101269</b>	Mach IV Pty Ltd	<b>2020101361</b>	Henan University of Urban Construction
<b>2020101282</b>	Quantum Engineering oy Ltd	<b>2020101362</b>	Harman, P.
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<b>2020101285</b>	Guangxi University	<b>2020101364</b>	University Of Science And Technology Beijing
<b>2020101287</b>	CENTRAL CHINA NORMAL UNIVERSITY	<b>2020101365</b>	Kshirsagar, P.; Sekar, K.; Reddy, B.S.; G, A.; Saritha, A.; Vijayasanthi, M.; Jayachandra, S.; Venkateswararao, K.; Kumar, G.; R., R.; Yadav, A.; Manoharan, H.; Abhijeet, D.; Jinna, A.
<b>2020101299</b>	Qilu University of Technology	<b>2020101366</b>	
<b>2020101304</b>	Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences	<b>2020101367</b>	KINGFA SCI TECH CO LTD
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<b>2020101309</b>	Shanxi University of Chinese Medicine	<b>2020101370</b>	OXTI CORPORATION
<b>2020101310</b>	Central South University	<b>2020101371</b>	OXTI CORPORATION
<b>2020101311</b>	University of Science and Technology Beijing	<b>2020101372</b>	Rhino Rack Australia Pty Limited
<b>2020101312</b>	Xihua University	<b>2020101373</b>	EXPERT 365 PTY LTD
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<b>2020101314</b>	Ningbo University	<b>2020101375</b>	Fernando, S.
<b>2020101316</b>	Rouland, M.	<b>2020101376</b>	Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs
<b>2020101317</b>	Nanjing Forestry University; Southeast University	<b>2020101377</b>	Qilu University of Technology
<b>2020101318</b>	Shenzhen Polytechnic	<b>2020101378</b>	Zhejiang University of Science and Technology
<b>2020101319</b>	Guangxi University	<b>2020101379</b>	Aero-Tech Pty Ltd
<b>2020101320</b>	COMA, A.	<b>2020101380</b>	Xie, X.
<b>2020101321</b>	Environmental Horticulture Institute, Guangdong Academy of Agricultural Sciences	<b>2020101381</b>	Shaanxi University of Science & Technology
		<b>2020101382</b>	Institute of Vegetables and Flowers of the Chinese Academy of Agricultural Sciences
<b>2020101322</b>	TIANJIN UNIVERSITY	<b>2020101383</b>	ZHUHAI HERMESIN ENTERPRISES CO..LTD
<b>2020101323</b>	Chen, G.	<b>2020101384</b>	Sharma, A.; Pandey, S.; Sarkar, A.; Chouhan, V.; Mangla, M.; Sharma, N.; Mehta, V.; Mittal, P.; Dumka, A.; R. Dudhagara, C.; Mewada, S.
<b>2020101324</b>	Apple Inc.	<b>2020101385</b>	Shanghai Sunpai Trading Limited
<b>2020101325</b>	STAIR LOCK PTY LTD	<b>2020101386</b>	Beijing Normal University
<b>2020101326</b>	Ningxia Agriculture and Forest Science Institution Wolfberry Engineering Technology Research Laboratory	<b>2020101387</b>	TATCHI PTY LTD
		<b>2020101388</b>	Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences
<b>2020101328</b>	Nanjing Forestry University	<b>2020101389</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences
<b>2020101329</b>	Altech Chemicals Australia Pty Ltd	<b>2020101390</b>	Split Payments Pty Ltd
<b>2020101330</b>	Hainan Tropical Ocean University	<b>2020101391</b>	Qilu University of Technology
<b>2020101331</b>	Sayer, C.	<b>2020101392</b>	North University Of China
<b>2020101332</b>	mckay, r.	<b>2020101393</b>	Guilin Univ. Electr. Technol.
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<b>2020101334</b>	Yancheng Institute Of Technology	<b>2020101400</b>	Shisler, R.
<b>2020101335</b>	Pertot, S.	<b>2020101401</b>	Guizhou Minzu University
<b>2020101336</b>	P, S.; V M, G.; G, D.; D, S.; M, R.; EVANGELINE, P.; V, V.	<b>2020101402</b>	China University of Geosciences (Beijing)
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<b>2020101338</b>	Chongqing University of Posts and Telecommunications	<b>2020101404</b>	Marinic, M.
<b>2020101339</b>	Southwest University	<b>2020101405</b>	Rossborough, R.
<b>2020101340</b>	Tjandra, S.	<b>2020101406</b>	Nanjing Normal University
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		<b>2020101408</b>	Institute of Plant Protection, Fujian Academy of Agricultural Sciences
<b>2020101342</b>	Dasqua Technology Ltd	<b>2020101409</b>	Minetek Investments Pty Ltd
<b>2020101343</b>	Shandong First Medical University & Shandong Academy of Medical Sciences	<b>2020101410</b>	Dalian University of Technology
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2020101420 Mayerle, D.  
2020101421 Harbin Institute of Technology (WeiHai)  
2020101422 Designa Inc.  
2020101423 Designa Inc.  
2020101424 Designa Inc.  
2020101426 Hebei Research Institute of Construction & Geotechnical Investigation Co., Ltd.  
2020101427 HAO, G.Q.  
2020101429 K, L.; Ph.D., MISTE., S.S.M.; P, R.; M, R.; M, P.; L, S.; N., P.; Aditya Nag, M.V.; P.N., P.; Siva Prasad, B.V.V.  
2020101430 T, S.; Y, J.; M.B., J.; P Hegde, N.; D. J, J.D.D.; K N, M.  
2020101431 Wengfu Dazhou Chemical Co., Ltd.

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<u>C08K 5/-</u>	<u>D06B 15/-</u>	<u>E21B 43/-</u>	<u>F24S 60/-</u>	<u>G03B 21/-</u>	<u>G06Q 50/-</u>
2020101367	2020101333	2020101364	2020101308	2020101373	2020101287
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2020101367	2020101333	2020101365	2020101308	2020101429	2020101374
<u>C08L 77/-</u>	<u>D06H 7/-</u>	<u>E21B 49/-</u>	<u>G01L 1/-</u>	<u>G06F 17/-</u>	<u>G08B 29/-</u>
2020101367	2020101334	2020101365	2020101314	2020101338	2020101363
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2020101386	2020101333	<u>E21D 11/-</u>	<u>G01N 1/-</u>	2020101405	2020101341
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2020101367	2020101333	<u>E21D 19/-</u>	2020101323	2020101318	2020101366
<u>C11B 5/-</u>	<u>D06M 15/-</u>	2020101310	2020101353	<u>G06F 3/-</u>	<u>G16H 10/-</u>
2020101381	2020101333	<u>E21F 16/-</u>	2020101355	2020101324	2020101336
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2020101344	2020101351	<u>F01K 23/-</u>	<u>G01N 24/-</u>	2020101415	2020101359
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<u>C12N 15/-</u>	2020101384	2020101347	2020101314	2020101338	2020101336
2020100833	<u>E01H 15/-</u>	<u>F02C 6/-</u>	2020101421	2020101339	<u>G21C 17/-</u>
<u>C12N 5/-</u>	2020101384	2020101347	<u>G01N 3/-</u>	<u>G06G 7/-</u>	2020101317
2020101321	<u>E02B 15/-</u>	<u>F02G 5/-</u>	2020101353	2020101317	<u>G21K 1/-</u>
2020101326	2020101385	2020101347	<u>G01N 30/-</u>	2020101393	2020101400
<u>C12Q 1/-</u>	<u>E04B 1/-</u>	<u>F16F 9/-</u>	2020101360	<u>G06K 9/-</u>	<u>H01L 27/-</u>
2020101360	2020101349	2020101328	<u>G01N 33/-</u>	2020101405	2020101400
2020101387	2020101362	2020101328	2020101348	<u>G06N 20/-</u>	<u>H01L 41/-</u>
2020101413	2020101368	<u>F16L 55/-</u>	2020101353	2020101336	2020101314
<u>C12R 1/-</u>	<u>E04B 2/-</u>	2020101361	2020101377	2020101338	<u>H01M 4/-</u>
2020101343	2020101362	<u>F16M 11/-</u>	2020101392	2020101338	2020101299
2020101344	2020101362	2020101373	<u>G01N 7/-</u>	<u>G06N 3/-</u>	<u>H01M 8/-</u>
2020101352	<u>E04C 2/-</u>	<u>F16N 3/-</u>	2020101365	2020101396	2020101399
<u>C22B 3/-</u>	2020101362	2020101269	<u>G01R 33/-</u>	<u>G06N 5/-</u>	<u>H01Q 17/-</u>
2020101329	2020101368	2020101269	2020101323	2020101287	2020101400
<u>C22C 23/-</u>	<u>E04F 11/-</u>	<u>F16N 37/-</u>	<u>G01S 19/-</u>	<u>G06N 7/-</u>	<u>H01Q 17/-</u>
2020101402	2020101325	2020101269	2020101332	2020101338	2020101400
<u>C22C 38/-</u>	<u>E04H 1/-</u>	<u>F21V 33/-</u>	<u>G01S 5/-</u>	2020101339	<u>H02J 7/-</u>
2020101312	2020101368	2020101422	2020101369	<u>G06Q 10/-</u>	2020101399
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2020101322	2020100957	2020101391	2020101406	2020101359	2020101400
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PCT applications which have entered the National Phase

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

<p>(71) 1005, LLC                      (11) AU-A-2019217365                      (21) 2019217365 (22) 04.02.2019                      (54) Breathable gas and water hose apparatus                      (51) Int. Cl.                      A62B 7/12 ( 2006.01 )                      A62B 7/02 ( 2006.01 )                      A62B 7/04 ( 2006.01 )                      A62C 33/00 ( 2006.01 )                      (87) WO2019/156928                      (31) 62/626,760 (32) 06.02.18 (33) US                      (43) 15.08.2019                      (72) REEDY, Pat J.                      (74) Burns IP &amp; Commercial Pty Ltd</p>	<p>(43) 22.05.2020                      (72) COHEN, Ben Jan; RISHER, Benny; BOK-SHISH, Kobi                      (74) LEGALVISION ILP PTY. LTD.</p>	<p>(43) 18.07.2019                      (72) BABKIN, Alexei V.; ZIRA, Zachary                      (74) FB Rice Pty Ltd</p>
<p>(71) 23IKIGAI PTE LTD                      (11) AU-A-2019285572                      (21) 2019285572 (22) 13.06.2019                      (54) Method for analysing pluripotent stem cell biomarkers, and implementations thereof                      (51) Int. Cl.                      C12Q 1/6886 ( 2018.01 )                      C12Q 1/6881 ( 2018.01 )                      (87) WO2019/239431                      (31) 201821046670 (32) 10.12.18 (33) IN                      201821022052 13.06.18 IN                      (43) 19.12.2019                      (72) TRIPATHI, Vinay Kumar; TRIPATHI, Ashish                      (74) Spruson &amp; Ferguson</p>	<p>(71) ABB Schweiz AG                      (11) AU-A-2018331966                      (21) 2018331966 (22) 13.09.2018                      (54) Method and system for controlling a re-chargeable battery                      (51) Int. Cl.                      H01M 10/42 ( 2006.01 )                      G01R 31/36 ( 2019.01 )                      H01M 10/48 ( 2006.01 )                      (87) WO2019/053131                      (31) 17191155.5 (32) 14.09.17 (33) EP                      (43) 21.03.2019                      (72) FLUECKIGER, Reto; PATEY, Timothy; POLAND, Jan                      (74) FB Rice Pty Ltd</p>	<p>(71) Affirmed Networks, Inc.                      (11) AU-A-2019238187                      (21) 2019238187 (22) 20.03.2019                      (54) Systems and methods for network slicing                      (51) Int. Cl.                      H04L 12/707 ( 2013.01 )                      (87) WO2019/183206                      (31) 62/645,484 (32) 20.03.18 (33) US                      (43) 26.09.2019                      (72) QIAN, Haibo; MURALIDHARAN, Srinivasan; NICKELL, Kenton Perry; PARKER, Ronald M.; RINK, Fred                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 2A Pharma AB                      (11) AU-A-2019220386                      (21) 2019220386 (22) 14.02.2019                      (54) Parvovirus structural protein for the treatment of autoimmune diseases                      (51) Int. Cl.                      A61K 39/12 ( 2006.01 )                      C07K 14/005 ( 2006.01 )                      (87) WO2019/158636                      (31) 18176976.1 (32) 11.06.18 (33) EP                      18157083.9 16.02.18 EP                      (43) 22.08.2019                      (72) PRANGSGAARD, Jeanette                      (74) Pearce IP Pty Ltd</p>	<p>(71) Abena Holding A/S                      (11) AU-A-2019205567                      (21) 2019205567 (22) 04.01.2019                      (54) Sanitary product with integrated sensor, fabrication plant therefore and method thereof                      (51) Int. Cl.                      A61F 13/42 ( 2006.01 )                      (87) WO2019/134727                      (31) PA 2018 70007 (32) 05.01.18 (33) DK                      (43) 11.07.2019                      (72) KAMMEYER, Per                      (74) FB Rice Pty Ltd</p>	<p>(71) AFL IG LLC                      (11) AU-A-2019205186                      (21) 2019205186 (22) 02.01.2019                      (54) Push-pull boot connector for fiber optic cables                      (51) Int. Cl.                      G02B 6/38 ( 2006.01 )                      (87) WO2019/136047                      (31) 16/056,907 (32) 07.08.18 (33) US                      62/640,914 09.03.18 US                      62/613,266 03.01.18 US                      (43) 11.07.2019                      (72) DAVIDSON, Aran James Russell; RAVEN, Asher Leong                      (74) FB Rice Pty Ltd</p>
<p>(71) 2B1K Imports Pty Ltd                      (11) AU-A-2019379869                      (21) 2019379869 (22) 23.07.2019                      (54) Hair modification system                      (51) Int. Cl.                      A61K 8/04 ( 2006.01 )                      A61Q 5/10 ( 2006.01 )                      (87) WO2020/097665                      (31) 2018904356 (32) 15.11.18 (33) AU                      2019901545 07.05.19 AU</p>	<p>(71) Abena Holding A/S                      (11) AU-A-2019205568                      (21) 2019205568 (22) 04.01.2019                      (54) Sanitary product with integrated sensor, semi-manufactured sanitary product, fabrication plan therefore, and method for producing thereof                      (51) Int. Cl.                      A61F 13/42 ( 2006.01 )                      (87) WO2019/134728                      (31) PA 2018 70008 (32) 05.01.18 (33) DK                      (43) 11.07.2019                      (72) KAMMEYER, Per                      (74) FB Rice Pty Ltd</p>	<p>(71) Agsensio Pty Ltd                      (11) AU-A-2019225452                      (21) 2019225452 (22) 22.02.2019                      (54) Power conserving local wireless network                      (51) Int. Cl.                      H04W 52/00 ( 2009.01 )                      H04W 52/02 ( 2009.01 )                      (87) WO2019/161456                      (31) 2018900580 (32) 23.02.18 (33) AU                      (43) 29.08.2019                      (72) WINSON, Daniel                      (74) Griffith Hack</p>
<p>(71) Adagio Medical, Inc.                      (11) AU-A-2019207630                      (21) 2019207630 (22) 08.01.2019                      (54) Device for monitoring temperatures within and adjacent to body lumens                      (51) Int. Cl.                      A61B 18/02 ( 2006.01 )                      A61M 25/04 ( 2006.01 )                      (87) WO2019/139924                      (31) 62/615,807 (32) 10.01.18 (33) US</p>	<p>(71) AI Therapeutics, Inc.                      (11) AU-A-2019223014                      (21) 2019223014 (22) 20.02.2019                      (54) Combination therapy with apilimod and glutamatergic agents                      (51) Int. Cl.                      A61K 31/506 ( 2006.01 )                      A61K 9/00 ( 2006.01 )                      A61K 45/06 ( 2006.01 )                      A61P 25/00 ( 2006.01 )                      A61P 25/08 ( 2006.01 )                      A61P 25/28 ( 2006.01 )                      (87) WO2019/164861</p>	

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 (54) System and method for monitoring a property using drone beacons  
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*B64C 39/02* ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Fluid delivery systems and methods  
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 (54) Blockchain-based set exchange method and apparatus for available resource quotas  
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*B23D 35/00* ( 2006.01 )  
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*B27L 1/12* ( 2006.01 )  
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 (54) Neurostimulation leads for trial nerve stimulation and methods of use  
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 A61N 1/04 ( 2006.01 )  
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- (71) Large-scale distributed timing, calibration and control system  
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 (54) Coiled tubing power cable with varying inner diameter  
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 H01B 7/04 ( 2006.01 )  
 E21B 17/20 ( 2006.01 )  
 E21B 43/12 ( 2006.01 )  
 H01B 7/14 ( 2006.01 )  
 H01B 7/22 ( 2006.01 )  
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 (72) MACK, John; O'GRADY, Kenneth; CLINGMAN, James C.; CAIN, Sean A.  
 (74) Patent Attorney Services
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 C07K 16/30 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 C07K 16/28 ( 2006.01 )  
 A61P 17/06 ( 2006.01 )  
 G01N 33/564 ( 2006.01 )  
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 (51) Int. Cl.  
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**(54)** System, software and methods for remote gardening  
**(51)** Int. Cl.  
**H04L 29/08** ( 2006.01 )  
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**(54)** Tissue retraction device and delivery system  
**(51)** Int. Cl.  
**A61B 17/02** ( 2006.01 )  
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**(11)** AU-A-2019269370  
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**(54)** Multiple pump system for inflatable penile prosthesis  
**(51)** Int. Cl.  
**A61F 2/26** ( 2006.01 )  
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**(74)** Spruson & Ferguson
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**(11)** AU-A-2019219056  
**(21)** 2019219056 **(22)** 06.02.2019  
**(54)** Fischer-Tropsch process, supported Fischer-Tropsch synthesis catalyst and uses thereof  
**(51)** Int. Cl.  
**C10G 2/00** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**B01J 23/889** ( 2006.01 )  
**B01J 35/00** ( 2006.01 )  
**B01J 37/18** ( 2006.01 )  
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**(31)** 18156166.3 **(32)** 09.02.18 **(33)** EP  
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**(43)** 15.08.2019  
**(72)** PATERSON, Alexander James  
**(74)** Spruson & Ferguson
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- (71)** Brightseed, Inc.  
**(11)** AU-A-2019207737  
**(21)** 2019207737 **(22)** 10.01.2019  
**(54)** Method for modulating metabolism  
**(51)** Int. Cl.  
**A61K 31/715** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**(87)** WO2019/140052  
**(31)** 62/615,671 **(32)** 10.01.18 **(33)** US  
**(43)** 18.07.2019  
**(72)** CHAE, Lee Heil  
**(74)** Spruson & Ferguson
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**(21)** 2018370543 **(22)** 14.11.2018  
**(54)** Composite, process for the production thereof, use of said material and articles comprising said material  
**(51)** Int. Cl.  
**B32B 1/00** ( 2006.01 )  
**B29C 35/04** ( 2006.01 )  
**B29C 49/22** ( 2006.01 )  
**B29C 53/56** ( 2006.01 )  
**B32B 37/10** ( 2006.01 )  
**B32B 37/12** ( 2006.01 )  
**B32B 38/00** ( 2006.01 )  
**F16J 12/00** ( 2006.01 )  
**F16L 9/12** ( 2006.01 )  
**F16L 9/14** ( 2006.01 )  
**F16S 3/02** ( 2006.01 )  
**F17C 1/06** ( 2006.01 )  
**B29K 27/18** ( 2006.01 )  
**B29L 23/00** ( 2006.01 )  
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**(72)** CANDIDO FILHO, André; CARVALHO, Cesar  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2019216224  
**(21)** 2019216224 **(22)** 29.01.2019  
**(54)** Activation-induced tissue-effector cells suitable for cell therapy and extracellular vesicles derived therefrom  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**(87)** WO2019/152409  
**(31)** 62/623,927 **(32)** 30.01.18 **(33)** US  
**(43)** 08.08.2019  
**(72)** IBRAHIM, Ahmed G.; RODRIGUEZ-BORLADO, Luis; LI, Chang; MOSELEY, Jennifer J.  
**(74)** Baldwins Intellectual Property
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**(11)** AU-A-2019218793  
**(21)** 2019218793 **(22)** 07.02.2019  
**(54)** Pharmacy predictive analytics  
**(51)** Int. Cl.  
**G16H 40/20** ( 2018.01 )  
**G16H 20/10** ( 2018.01 )  
**G16H 20/13** ( 2018.01 )  
**G06Q 50/00** ( 2012.01 )  
**(87)** WO2019/157159  
**(31)** 15/891,809 **(32)** 08.02.18 **(33)** US  
**(43)** 15.08.2019  
**(72)** SWENSON, David D.  
**(74)** FB Rice Pty Ltd
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**(54)** T cell disease treatment targeting TAG-72  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )

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**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
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**(31)** 62/634,366 **(32)** 23.02.18 **(33)** US  
**(43)** 29.08.2019  
**(72)** EVTIMOV, Vera; BOYD, Richard; NIS-BET, Ian; PRINCE, Miles; TROUNSON, Alan  
**(74)** FB Rice Pty Ltd

**(71)** Cellixbio Private Limited  
**(11)** AU-A-2019214557  
**(21)** 2019214557 **(22)** 05.02.2019  
**(54)** Combination of an antimuscarinic or an anticholinergic agent and lipoic acid and uses thereof  
**(51)** Int. Cl.  
**A61K 31/4178** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**C07D 339/04** ( 2006.01 )  
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**(31)** 201841008091 **(32)** 05.03.18 **(33)** IN  
 201841004306 05.02.18 IN  
**(43)** 08.08.2019  
**(72)** KANDULA, Mahesh  
**(74)** Griffith Hack

**(71)** Celltrion Inc.  
**(11)** AU-A-2018405442  
**(21)** 2018405442 **(22)** 30.11.2018  
**(54)** Binding molecule having neutralizing activity against middle east respiratory syndrome-coronavirus  
**(51)** Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
**(87)** WO2019/151632  
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**(43)** 08.08.2019  
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**(74)** Chrysiliou IP

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**(11)** AU-A-2019213763  
**(21)** 2019213763 **(22)** 30.01.2019  
**(54)** Device for closing passage openings such as gate or the like  
**(51)** Int. Cl.  
**E06B 9/18** ( 2006.01 )  
**E06B 9/15** ( 2006.01 )  
**(87)** WO2019/150270  
**(31)** 102018000002335 **(32)** 02.02.18 **(33)** IT  
**(43)** 08.08.2019  
**(72)** DI GESO, Paolo  
**(74)** Griffith Hack

**(71)** Chameleon Biosciences, Inc.  
**(11)** AU-A-2019206639  
**(21)** 2019206639 **(22)** 11.01.2019

**(54)** Immuno-evasive vectors and use for gene therapy  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**A61K 35/76** ( 2015.01 )  
**C07K 14/705** ( 2006.01 )  
**(87)** WO2019/140311  
**(31)** 62/616,167 **(32)** 11.01.18 **(33)** US  
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**(43)** 18.07.2019  
**(72)** WINSLOW, Genine  
**(74)** Griffith Hack

**(71)** Chiyoda Corporation  
**(11)** AU-A-2018408886  
**(21)** 2018408886 **(22)** 15.02.2018  
**(54)** Plant operation condition setting support system, learning device, and operation condition setting support device  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 50/06** ( 2012.01 )  
**(87)** WO2019/159280  
**(43)** 22.08.2019  
**(72)** YAMAGUCHI, Yoshihiro; YASUI, Takehito; MOMOSE, Toshiya  
**(74)** WRAYS PTY LTD

**(71)** CodeStream, Inc.; Pezaris, P.; Captech, LLC  
**(11)** AU-A-2019215515  
**(21)** 2019215515 **(22)** 05.02.2019  
**(54)** Systems and methods for providing an instant communication channel within integrated development environments  
**(51)** Int. Cl.  
**G06F 8/71** ( 2018.01 )  
**G06F 8/73** ( 2018.01 )  
**G06F 40/12** ( 2020.01 )  
**G06F 40/166** ( 2020.01 )  
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 62/659,346 18.04.18 US  
**(43)** 08.08.2019  
**(72)** PEZARIS, Peter  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-A-2019214018  
**(21)** 2019214018 **(22)** 01.02.2019  
**(54)** Protecting a bioactive and/or precursor thereof  
**(51)** Int. Cl.  
**A23D 7/06** ( 2006.01 )  
**A23D 7/02** ( 2006.01 )  
**A23L 33/115** ( 2016.01 )  
**A23P 10/30** ( 2016.01 )  
**A61K 8/46** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/26** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**C11B 5/00** ( 2006.01 )  
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**(31)** 2018900326 **(32)** 02.02.18 **(33)** AU  
**(43)** 08.08.2019  
**(72)** AUGUSTIN, Mary Ann; SANGUANSRI, Luz  
**(74)** FB Rice Pty Ltd

**(71)** CommScope Technologies LLC  
**(11)** AU-A-2019222724  
**(21)** 2019222724 **(22)** 13.02.2019  
**(54)** Sealed closure with fiber optic organizer  
**(51)** Int. Cl.  
**G02B 6/36** ( 2006.01 )  
**(87)** WO2019/160995  
**(31)** 62/804,597 **(32)** 12.02.19 **(33)** US  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** ConMed Corporation  
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**(21)** 2019217523 **(22)** 06.02.2019  
**(54)** Force limiting assembly for surgical instrument  
**(51)** Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
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**(31)** 62/626,854 **(32)** 06.02.18 **(33)** US  
**(43)** 15.08.2019  
**(72)** OLICHNEY, Michael; WILLIAMS, Mason  
**(74)** Griffith Hack

**(71)** Covidien LP  
**(11)** AU-A-2019242611  
**(21)** 2019242611 **(22)** 26.03.2019  
**(54)** Robotic surgical systems and instrument drive assemblies  
**(51)** Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 34/30** ( 2016.01 )  
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**(31)** 62/650,026 **(32)** 29.03.18 **(33)** US  
**(43)** 03.10.2019  
**(72)** TRAINA, Zachary; ROSMARIN, Josiah  
**(74)** Spruson & Ferguson

**(71)** Daifuku Co., Ltd.  
**(11)** AU-A-2019258172  
**(21)** 2019258172 **(22)** 13.03.2019  
**(54)** Conveying and sorting apparatus  
**(51)** Int. Cl.  
**B65G 47/38** ( 2006.01 )

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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2019258173  
 (21) 2019258173 (22) 13.03.2019  
 (54) Conveying and sorting apparatus  
 (51) Int. Cl.  
*B65G 47/46* (2006.01)  
*B65G 21/20* (2006.01)  
*B65G 47/68* (2006.01)
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 (31) 2018-086870 (32) 27.04.18 (33) JP  
 (43) 31.10.2019  
 (72) FUJIO, Yoshihiko  
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 (11) AU-A-2019258174  
 (21) 2019258174 (22) 13.03.2019  
 (54) Conveying and sorting apparatus  
 (51) Int. Cl.  
*B65G 47/46* (2006.01)  
*B65G 15/42* (2006.01)  
*B65G 47/68* (2006.01)
- (87) WO2019/208000  
 (31) 2018-086871 (32) 27.04.18 (33) JP  
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 (72) FUJIO, Yoshihiko  
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 (11) AU-A-2019258175  
 (21) 2019258175 (22) 13.03.2019  
 (54) Conveying and sorting apparatus  
 (51) Int. Cl.  
*B65G 47/46* (2006.01)  
*B65G 47/68* (2006.01)
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 (11) AU-A-2019216351  
 (21) 2019216351 (22) 31.01.2019  
 (54) Combination therapy for the treatment of mastocytosis  
 (51) Int. Cl.  
*A61K 31/155* (2006.01)  
*A61K 31/4375* (2006.01)  
*A61P 43/00* (2006.01)
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 (21) 2019217482 (22) 04.02.2019  
 (54) Medical implants comprising anti-infective surfaces  
 (51) Int. Cl.  
*A61F 2/30* (2006.01)  
*A61C 8/00* (2006.01)
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 (74) Spruson & Ferguson
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 (21) 2019213705 (22) 23.01.2019  
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 (51) Int. Cl.  
*C10L 1/22* (2006.01)
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 (31) 201821003542 (32) 30.01.18 (33) IN  
 (43) 08.08.2019  
 (72) SUBRAMANIYAM, Mahesh  
 (74) FB Rice Pty Ltd
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 (21) 2019205134 (22) 07.01.2019  
 (54) Minocycline for treating inflammatory skin conditions  
 (51) Int. Cl.  
*A61K 31/65* (2006.01)  
*A61P 17/00* (2006.01)  
*A61P 17/02* (2006.01)  
*A61P 17/04* (2006.01)  
*A61P 17/06* (2006.01)  
*A61P 17/10* (2006.01)
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 (31) 201741023993 (32) 07.01.18 (33) IN  
 (43) 11.07.2019  
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 (74) Griffith Hack
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 (11) AU-A-2019218125  
 (21) 2019218125 (22) 08.02.2019  
 (54) Combination therapy of cancer involving multi-specific binding proteins that activate natural killer cells  
 (51) Int. Cl.  
*A61K 38/17* (2006.01)  
*A61K 39/395* (2006.01)  
*C07K 16/28* (2006.01)  
*C07K 16/30* (2006.01)  
*C07K 16/46* (2006.01)  
*C12N 5/0783* (2010.01)
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 (51) Int. Cl.  
*B67D 1/08* (2006.01)
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 (51) Int. Cl.  
*A61K 35/12* (2015.01)  
*A61L 27/00* (2006.01)  
*A61P 43/00* (2006.01)  
*C12Q 1/68* (2018.01)  
*C12Q 1/6881* (2018.01)
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 (31) 62/634,377 (32) 23.02.18 (33) US  
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 (72) MARKERT, Mary Louise  
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 (21) 2019223954 (22) 19.02.2019  
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 (51) Int. Cl.  
*F42D 1/10* (2006.01)  
*C06B 23/00* (2006.01)  
*E21B 43/263* (2006.01)  
*E21C 41/00* (2006.01)  
*F42D 1/12* (2006.01)  
*F42D 1/24* (2006.01)  
*F42D 3/00* (2006.01)
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 (74) IP SOLVED (ANZ) PTY. LTD.
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 (21) 2019212829 (22) 28.01.2019  
 (54) Solid cleaning composition  
 (51) Int. Cl.  
*C11D 1/37* (2006.01)  
*C11D 1/29* (2006.01)  
*C11D 1/83* (2006.01)  
*C11D 17/06* (2006.01)

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 (21) 2019210740 (22) 28.01.2019  
 (54) Solidifying liquid amine oxide, betaine, and/or sultaine surfactants with a carrier  
 (51) Int. Cl.  
 C11D 1/75 (2006.01)  
 C11D 1/83 (2006.01)  
 C11D 1/90 (2006.01)  
 C11D 1/92 (2006.01)  
 C11D 1/94 (2006.01)  
 C11D 3/04 (2006.01)  
 C11D 3/10 (2006.01)  
 C11D 3/20 (2006.01)  
 C11D 3/22 (2006.01)  
 C11D 3/32 (2006.01)  
 C11D 3/34 (2006.01)  
 C11D 3/37 (2006.01)  
 C11D 3/38 (2006.01)  
 C11D 11/00 (2006.01)  
 C11D 1/14 (2006.01)  
 C11D 1/22 (2006.01)  
 C11D 1/29 (2006.01)
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 (43) 01.08.2019  
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 (54) System and method for dissolving solid chemicals and generating liquid solutions  
 (51) Int. Cl.  
 B01F 5/10 (2006.01)  
 B01F 1/00 (2006.01)  
 B01F 15/00 (2006.01)
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 (31) 62/630,023 (32) 13.02.18 (33) US  
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 (54) Systems and methods for modulating chromosomal rearrangements  
 (51) Int. Cl.  
 C12N 15/11 (2006.01)  
 C12N 15/10 (2006.01)
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 (31) 62/623,755 (32) 30.01.18 (33) US  
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 (43) 08.08.2019  
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2018409826 (22) 23.02.2018  
 (54) Heart valve docking devices and systems  
 (51) Int. Cl.  
 A61F 2/24 (2006.01)  
 A61B 17/00 (2006.01)
- (87) WO2019/164516  
 (31) 15/902,956 (32) 22.02.18 (33) US
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 (11) AU-A-2019228474  
 (21) 2019228474 (22) 22.02.2019  
 (54) PD-1 agonist antibodies and uses thereof  
 (51) Int. Cl.  
 C07K 16/28 (2006.01)  
 A61P 37/06 (2006.01)  
 A61K 39/00 (2006.01)
- (87) WO2019/168745  
 (31) 62/637,643 (32) 02.03.18 (33) US
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 (11) AU-A-2019212823  
 (21) 2019212823 (22) 28.01.2019
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- (71) Ecolab USA Inc.  
 (11) AU-A-201921453  
 (21) 201921453 (22) 28.01.2019  
 (54) Solidifying liquid amine oxide, betaine, and/or sultaine surfactants with a binder and optional carrier  
 (51) Int. Cl.  
 C11D 1/75 (2006.01)  
 C11D 1/83 (2006.01)  
 C11D 1/90 (2006.01)  
 C11D 1/92 (2006.01)  
 C11D 1/94 (2006.01)  
 C11D 3/04 (2006.01)  
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 (72) TANG, Hai  
 (74) Davies Collison Cave Pty Ltd

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- (71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018405905  
 (21) 2018405905 (22) 31.01.2018  
 (54) Method and device for discontinuous transmission  
 (51) Int. Cl.  
 H04W 52/02 (2009.01)  
 H04W 68/02 (2009.01)  
 (87) WO2019/148403  
 (43) 08.08.2019  
 (72) SHI, Cong; LIN, Yanan  
 (74) Davies Collison Cave Pty Ltd
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- (71) Guangzhou Maxinovel Pharmaceuticals Co., Ltd  
 (11) AU-A-2018398887  
 (21) 2018398887 (22) 24.12.2018  
 (54) Aromatic vinyl or aromatic ethyl derivative, preparation method therefor, intermediate, pharmaceutical composition, and application  
 (51) Int. Cl.  
 C07D 319/18 (2006.01)  
 A61K 31/40 (2006.01)  
 A61P 35/00 (2006.01)  
 C07C 229/14 (2006.01)  
 C07D 213/24 (2006.01)  
 C07D 231/56 (2006.01)  
 C07D 235/02 (2006.01)  
 C07D 241/12 (2006.01)  
 (87) WO2019/128918  
 (31) 201711486872.3 (32) 29.12.17 (33) CN  
 (43) 04.07.2019  
 (72) WANG, Yuguang; ZHANG, Nong; WU, Tianzhi; HE, Min  
 (74) FB Rice Pty Ltd
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- (71) Guangzhou Virotech Pharmaceutical Co., Ltd.  
 (11) AU-A-2018393435  
 (21) 2018393435 (22) 28.12.2018  
 (54) Use of mevalonate metabolic pathway inhibitor and alphavirus in preparing anti-tumor drug  
 (51) Int. Cl.  
 A61K 45/00 (2006.01)  
 A61K 35/768 (2015.01)  
 A61P 35/00 (2006.01)  
 (87) WO2019/129231  
 (31) 201711483000.1 (32) 29.12.17 (33) CN  
 (43) 04.07.2019  
 (72) YAN, Guangmei; LIANG, Jiankai; ZHU, Wenbo; ZHANG, Haipeng; LIN, Yuan; CAI, Jing; GONG, Shoufang  
 (74) Madderns Pty Ltd
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- (71) Hanwha Azdel, Inc.  
 (11) AU-A-2019205491  
 (21) 2019205491 (22) 04.01.2019  
 (54) Composite articles providing retardancy and noise reduction  
 (51) Int. Cl.  
 B32B 5/02 (2006.01)  
 B32B 3/14 (2006.01)  
 B32B 3/26 (2006.01)  
 B32B 5/14 (2006.01)  
 B32B 5/26 (2006.01)  
 B32B 7/12 (2006.01)
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- (71) Happy Fish Technologies Inc.  
 (11) AU-A-2019206999  
 (21) 2019206999 (22) 11.01.2019  
 (54) System and methods for real-time condition monitoring and traceability of seafood  
 (51) Int. Cl.  
 G06Q 10/08 (2012.01)  
 G06Q 50/02 (2012.01)  
 G06K 19/00 (2006.01)  
 (87) WO2019/136565  
 (31) 62/616,123 (32) 11.01.18 (33) US  
 (43) 18.07.2019  
 (72) MACDONALD, Sheamus Colin; STABENOW, Aleksandr David  
 (74) FB Rice Pty Ltd
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- (71) Herrenknecht Aktiengesellschaft  
 (11) AU-A-2019216385  
 (21) 2019216385 (22) 01.02.2019  
 (54) Device and method for continuously driving a tunnel  
 (51) Int. Cl.  
 E21D 9/10 (2006.01)  
 (87) WO2019/149867  
 (31) 10 2018 102 330.8 (32) 02.02.18 (33) DE  
 (43) 08.08.2019  
 (72) BURGER, Werner; EDELMANN, Thomas Joseph  
 (74) Phillips Ormonde Fitzpatrick
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- (71) Hexcel Corporation  
 (11) AU-A-2019215293  
 (21) 2019215293 (22) 16.01.2019  
 (54) Prepreg for use in making composite parts which tolerate hot and wet conditions  
 (51) Int. Cl.  
 C08J 5/04 (2006.01)  
 B32B 27/08 (2006.01)  
 B32B 27/38 (2006.01)  
 C08J 5/24 (2006.01)  
 (87) WO2019/152190  
 (31) 15/886,008 (32) 01.02.18 (33) US  
 16/158,151 11.10.18 US  
 (43) 08.08.2019  
 (72) WANG, Yen-Seine; EMMERSON, Gordon  
 (74) Spruson & Ferguson
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- (71) Homology Medicines, Inc.  
 (11) AU-A-2019215152
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- (21) 2019215152 (22) 01.02.2019  
 (54) Adeno-associated virus compositions for restoring PAH gene function and methods of use thereof  
 (51) Int. Cl.  
 A61K 35/76 (2015.01)  
 A61K 35/761 (2015.01)  
 A61K 48/00 (2006.01)  
 A61P 3/00 (2006.01)  
 C12N 15/86 (2006.01)  
 C12N 15/861 (2006.01)  
 (87) WO2019/152843  
 (31) 62/625,149 (32) 01.02.18 (33) US  
 62/672,377 16.05.18 US  
 (43) 08.08.2019  
 (72) SEYMOUR, Albert Barnes; AHMED, Seemin Seher; WRIGHT, Jason Boke; DOLLIVE, Serena Nicole; MCSWIGGEN, James Anthony; PROUT, Jaime Michelle; SOOKIASIAN, Danielle Lauren  
 (74) Spruson & Ferguson
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- (71) Huntsman Advanced Materials (Switzerland) GmbH  
 (11) AU-A-2019220211  
 (21) 2019220211 (22) 25.01.2019  
 (54) Process for the simultaneous tanning and dyeing of collagen containing fibrous material  
 (51) Int. Cl.  
 C14C 3/08 (2006.01)  
 D06P 1/02 (2006.01)  
 D06P 3/00 (2006.01)  
 (87) WO2019/158341  
 (31) 18157088.8 (32) 16.02.18 (33) EP  
 (43) 22.08.2019  
 (72) CASSINGHAM, Darryl Miles; ROENTGEN, Georg; TZIKAS, Athanassios  
 (74) Spruson & Ferguson
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- (71) ICU Medical, Inc.  
 (11) AU-A-2019236296  
 (21) 2019236296 (22) 15.03.2019  
 (54) Sanitizing caps for medical connectors  
 (51) Int. Cl.  
 A61M 5/00 (2006.01)  
 A61M 25/00 (2006.01)  
 A61M 39/16 (2006.01)  
 A61M 39/20 (2006.01)  
 (87) WO2019/178560  
 (31) 62/643,873 (32) 16.03.18 (33) US  
 (43) 19.09.2019  
 (72) FANGROW, Thomas F.  
 (74) Davies Collison Cave Pty Ltd
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- (71) IDEXX Laboratories, Inc.  
 (11) AU-A-2019243592  
 (21) 2019243592 (22) 29.03.2019  
 (54) Quality control for point-of-care diagnostic systems  
 (51) Int. Cl.  
 G16H 40/40 (2018.01)  
 (87) WO2019/191531  
 (31) 62/650,609 (32) 30.03.18 (33) US  
 (43) 03.10.2019  
 (72) HAMMOND, Jeremy; BUTCHER, Timothy; LIN, Jui Ming; RUSSELL, James  
 (74) Spruson & Ferguson



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(71) IDEXX Laboratories, Inc.  
 (11) AU-A-2019245325  
 (21) 2019245325 (22) 08.04.2019  
 (54) Point-of-care diagnostic systems and containers for same  
 (51) Int. Cl.  
*B01L 3/00* (2006.01)  
*A61J 1/00* (2006.01)  
*B01L 3/02* (2006.01)  
*B01L 9/00* (2006.01)  
*G01N 33/487* (2006.01)  
*G01N 35/10* (2006.01)  
 (87) WO2019/191786  
 (31) 15/941,596 (32) 30.03.18 (33) US  
 (43) 03.10.2019  
 (72) FLETCHER, Michael; CONNOLLY, David L.; LEAVITT, Anne; FURTNEY, Matthew M.; LABAK, Christopher; AISTON, Christopher; O'SULLIVAN, Daniel  
 (74) Spruson & Ferguson

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(71) Imperial College of Science, Technology and Medicine  
 (11) AU-A-2019213622  
 (21) 2019213622 (22) 05.02.2019  
 (54) Analysis of spreading depolarization waves  
 (51) Int. Cl.  
*A61B 5/04* (2006.01)  
*A61B 5/0476* (2006.01)  
 (87) WO2019/150136  
 (31) 1801828.3 (32) 05.02.18 (33) GB  
 (43) 08.08.2019  
 (72) BOUTELLE, Martyn Gordon; STRONG, Anthony J.; JEWEL, Sharon  
 (74) WRAYS PTY LTD

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(71) Imugene Limited  
 (11) AU-A-2019216873  
 (21) 2019216873 (22) 07.02.2019  
 (54) A vaccine composition and uses thereof  
 (51) Int. Cl.  
*A61K 39/00* (2006.01)  
*A61K 38/16* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 7/04* (2006.01)  
 (87) WO2019/153042  
 (31) 2018903968 (32) 19.10.18 (33) AU  
 2018903518 19.09.18 AU  
 2018900368 07.02.18 AU  
 (43) 15.08.2019  
 (72) EDE, Nicholas; WIEDERMANN, Ursula; TOBIAS, Joshua; ZIELINSKI, Christoph  
 (74) Davies Collison Cave Pty Ltd

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(71) Institute for Musculoskeletal Science and Education, Ltd.  
 (11) AU-A-2019214987  
 (21) 2019214987 (22) 31.01.2019  
 (54) Implant with a diagonal insertion axis  
 (51) Int. Cl.  
*A61B 17/88* (2006.01)  
*A61F 2/02* (2006.01)  
*A61F 2/28* (2006.01)  
*A61F 2/30* (2006.01)  
*A61F 2/44* (2006.01)  
*A61F 2/46* (2006.01)

(87) WO2019/152581  
 (31) 15/884,845 (32) 31.01.18 (33) US  
 (43) 08.08.2019  
 (72) STAUFFER, Megan A.; RYAN, Christopher J.; MCSHANE III, Edward J.; NYAHAY, Joseph M.  
 (74) Davies Collison Cave Pty Ltd

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(71) instrAction GmbH  
 (11) AU-A-2019211004  
 (21) 2019211004 (22) 23.01.2019  
 (54) Device for purifying drinking water  
 (51) Int. Cl.  
*C02F 9/00* (2006.01)  
*B01J 20/291* (2006.01)  
*C02F 1/28* (2006.01)  
*C02F 1/42* (2006.01)  
*C02F 1/44* (2006.01)  
*C02F 1/50* (2006.01)  
*B01J 20/20* (2006.01)  
*C02F 1/32* (2006.01)  
*C02F 1/66* (2006.01)  
*C02F 1/68* (2006.01)  
*C02F 1/72* (2006.01)  
*C02F 1/76* (2006.01)  
*C02F 101/20* (2006.01)  
 (87) WO2019/145368  
 (31) 20 2018 100 396.8 (32) 24.01.18 (33) DE  
 (43) 01.08.2019  
 (72) WELTER, Martin; MEYER, Christian; LUNGFIEL, Kristian  
 (74) Baldwins Intellectual Property

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(71) Integrated Comfort, Inc.  
 (11) AU-A-2019217605  
 (21) 2019217605 (22) 06.02.2019  
 (54) Rigid media support and removal  
 (51) Int. Cl.  
*B01D 1/22* (2006.01)  
*F24F 6/04* (2006.01)  
*F24F 6/14* (2006.01)  
*F25B 39/02* (2006.01)  
*F25D 23/12* (2006.01)  
*F28C 3/08* (2006.01)  
*F28D 5/02* (2006.01)  
 (87) WO2019/157058  
 (31) 62/627,637 (32) 07.02.18 (33) US  
 (43) 15.08.2019  
 (72) BOURNE, Richard Curtis  
 (74) WRAYS PTY LTD

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 (11) AU-A-2019218557  
 (21) 2019218557 (22) 12.02.2019  
 (54) Anticancer microRNA and lipid formulations thereof  
 (51) Int. Cl.  
*A61K 31/7088* (2006.01)  
*C12N 15/113* (2010.01)  
 (87) WO2019/155094  
 (31) 18167239.5 (32) 13.04.18 (33) EP  
 18156376.8 12.02.18 EP  
 (43) 15.08.2019  
 (72) DE GUNST, Matheus Maria; VAN PINXTEREN, Laurens Adrianus Hendricus; JANICOT, Michel; SCHULTZ, Iman Johannes; SCHAAPVELD, Roeland Quirinus Jozef; YAHYANEJAD, Sanaz  
 (74) Griffith Hack

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(71) International Plant Propagation Technology Ltd  
 (11) AU-A-2019211223  
 (21) 2019211223 (22) 22.01.2019  
 (54) Plant-growing tray  
 (51) Int. Cl.  
*A01G 9/029* (2018.01)  
 (87) WO2019/145699  
 (31) 1801097.5 (32) 23.01.18 (33) GB  
 (43) 01.08.2019  
 (72) COOLEY, John  
 (74) James & Wells Intellectual Property

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(71) Intuit Inc.  
 (11) AU-A-2019419888  
 (21) 2019419888 (22) 26.07.2019  
 (54) System and method for information extraction with character level features  
 (51) Int. Cl.  
*G06K 9/00* (2006.01)  
 (31) 16/265,519 (32) 01.02.19 (33) US  
 (43) 20.08.2020  
 (72) TORRES, Terrence J.; FOROUGH, Homa  
 (74) Davies Collison Cave Pty Ltd

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(71) Intuit Inc.  
 (11) AU-A-2019419889  
 (21) 2019419889 (22) 26.07.2019  
 (54) Supervised machine learning algorithm for cropping and skew rectification  
 (51) Int. Cl.  
*G06K 9/00* (2006.01)  
 (31) 16/265,524 (32) 01.02.19 (33) US  
 (43) 20.08.2020  
 (72) TORRES, Terrence J.  
 (74) Davies Collison Cave Pty Ltd

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(71) Intuit Inc.  
 (11) AU-A-2019419891  
 (21) 2019419891 (22) 26.07.2019  
 (54) System and method for spatial encoding and feature generators for enhancing information extraction  
 (51) Int. Cl.  
*G06K 9/00* (2006.01)  
 (31) 16/265,505 (32) 01.02.19 (33) US  
 (43) 20.08.2020  
 (72) RIMCHALA, Tharathom  
 (74) Davies Collison Cave Pty Ltd

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(71) Intuit Inc.  
 (11) AU-A-2019423615  
 (21) 2019423615 (22) 29.07.2019  
 (54) Predicting delay in a process  
 (51) Int. Cl.  
*G06Q 10/10* (2012.01)  
*G06N 3/08* (2006.01)  
*G06Q 30/04* (2012.01)  
 (87) WO2020/153991  
 (31) 16/255,812 (32) 23.01.19 (33) US  
 (43) 30.07.2020  
 (72) SHARMA, Aminish; ROSHAN, Shashi; MAKWANA, Anoop; SHAH, Manish Ramesh; SIRIGIRI, Venkata Giri  
 (74) Davies Collison Cave Pty Ltd

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- (71) Jarvis Products Corporation  
 (11) AU-A-2019234266  
 (21) 2019234266 (22) 15.02.2019  
 (54) Concussion stunner rod and nose  
 (51) Int. Cl.  
 A22B 3/02 ( 2006.01 )  
 A01K 29/00 ( 2006.01 )  
 A22B 3/00 ( 2006.01 )  
 A22B 3/08 ( 2006.01 )  
 (87) WO2019/177741  
 (31) 62/643,804 (32) 16.03.18 (33) US  
 16/275,998 14.02.19 US  
 (43) 19.09.2019  
 (72) JONES, Arthur; JONES, Trent  
 (74) Spruson & Ferguson
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- (71) Jiangnan University  
 (11) AU-A-2018437491  
 (21) 2018437491 (22) 14.09.2018  
 (54) Method for preparing wool keratin cortex cells and use thereof  
 (51) Int. Cl.  
 C12N 5/071 ( 2010.01 )  
 C08J 3/24 ( 2006.01 )  
 C08J 5/18 ( 2006.01 )  
 C08J 9/28 ( 2006.01 )  
 C08L 67/04 ( 2006.01 )  
 C08L 89/00 ( 2006.01 )  
 (87) WO2020/037743  
 (31) 201810966546.0 (32) 23.08.18 (33) CN  
 201810969255.7 23.08.18 CN  
 201810968624.0 23.08.18 CN  
 (43) 27.02.2020  
 (72) HOU, Xiuliang; WEI, Shijin; LIN, Shengming; HUANG, Xiaohua; ZHU, Xiaoying; MA, Bomou; XU, Helan  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Kainos Medicine Inc.  
 (11) AU-A-2019214959  
 (21) 2019214959 (22) 30.01.2019  
 (54) Salt forms of organic compound  
 (51) Int. Cl.  
 A61P 9/10 ( 2006.01 )  
 C07D 207/16 ( 2006.01 )  
 C07D 401/12 ( 2006.01 )  
 (87) WO2019/152546  
 (31) 62/623,974 (32) 30.01.18 (33) US  
 (43) 08.08.2019  
 (72) YOO, Sungeun; SHIN, Sunmi; LEE, Jae Moon  
 (74) Phillips Ormonde Fitzpatrick
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- (71) KCH Innovations Pty Ltd  
 (11) AU-A-2019226625  
 (21) 2019226625 (22) 23.02.2019  
 (54) Computer-implemented purchaser prioritization system and method  
 (51) Int. Cl.  
 G06Q 10/00 ( 2012.01 )  
 G06Q 50/12 ( 2012.01 )  
 (87) WO2019/165496  
 (31) 2018900590 (32) 23.02.18 (33) AU
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- (43) 06.09.2019  
 (72) GLADE-WRIGHT, Samuel  
 (74) LEGALVISION ILP PTY. LTD.
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- (71) Kellogg Company  
 (11) AU-A-2019215142  
 (21) 2019215142 (22) 01.02.2019  
 (54) A process of stabilizing and spraying a foam to mimic the appearance of frosting  
 (51) Int. Cl.  
 A23G 3/34 ( 2006.01 )  
 A23L 7/122 ( 2016.01 )  
 (87) WO2019/152833  
 (31) 62/625,102 (32) 01.02.18 (33) US  
 (43) 08.08.2019  
 (72) PERDON, Alicia Antonio; MUHAMMAD-TAHIR, Zarini; HOMAN, Eric; GEORGE, Joseph  
 (74) Davies Collision Cave Pty Ltd
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- (71) Koutsogiorgos, P.  
 (11) AU-A-2019221827  
 (21) 2019221827 (22) 15.01.2019  
 (54) Speargun handle  
 (51) Int. Cl.  
 F41B 7/04 ( 2006.01 )  
 (87) WO2019/158957  
 (31) 20180100055 (32) 15.02.18 (33) GR  
 (43) 22.08.2019  
 (72) KOUTSOGIORGOS, Petros  
 (74) Spruson & Ferguson
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- (71) LG Chem, Ltd.  
 (11) AU-A-2019356368  
 (21) 2019356368 (22) 05.08.2019  
 (54) Battery module, battery rack comprising battery module, and power storage device comprising battery rack  
 (51) Int. Cl.  
 H01M 10/6566 ( 2014.01 )  
 H01M 2/10 ( 2006.01 )  
 H01M 10/613 ( 2014.01 )  
 H01M 10/627 ( 2014.01 )  
 (87) WO2020/075962  
 (31) 10-2018-0122133 (32) 12.10.18 (33) KR  
 (43) 16.04.2020  
 (72) LEE, Jin-Kyu  
 (74) FB Rice Pty Ltd
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- (71) LG Electronics Inc.  
 (11) AU-A-2018394999  
 (21) 2018394999 (22) 28.12.2018  
 (54) Method for controlling washing machine  
 (51) Int. Cl.  
 D06F 33/30 ( 2020.01 )  
 D06F 39/08 ( 2006.01 )  
 (87) WO2019/132583  
 (31) 10-2017-0182263 (32) 28.12.17 (33) KR  
 10-2018-0001837 05.01.18 KR  
 (43) 04.07.2019  
 (72) IM, Myunghun; JUNG, Hwanjin; KIM, Jaehyun; LEE, Junghoon; WOO, Kyungchul  
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) Liu, S.  
 (11) AU-A-2019217990  
 (21) 2019217990 (22) 08.02.2019  
 (54) Methods for treating mitochondrial disorders  
 (51) Int. Cl.  
 G06Q 40/08 ( 2012.01 )  
 (87) WO2019/157245  
 (31) 62/628,353 (32) 09.02.18 (33) US  
 (43) 15.08.2019  
 (72) LIU, Shaoyun  
 (74) Spruson & Ferguson
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- (71) Loto Labs, Inc.  
 (11) AU-A-2019218810  
 (21) 2019218810 (22) 07.02.2019  
 (54) Container for electronic vaporizer device  
 (51) Int. Cl.  
 A24F 47/00 ( 2020.01 )  
 A61M 11/00 ( 2006.01 )  
 A61M 11/04 ( 2006.01 )  
 A61M 15/00 ( 2006.01 )  
 H05B 6/02 ( 2006.01 )  
 H05B 6/10 ( 2006.01 )  
 (87) WO2019/157177  
 (31) 62/627,870 (32) 08.02.18 (33) US  
 (43) 15.08.2019  
 (72) BOGRAN, Jon; GREENFIELD, Matthew; NYSEN, Peter; BHARDWAJ, Neeraj S.; BLELOCH, Andrew L.  
 (74) FB Rice Pty Ltd
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- (71) Lucock IP Holdings Pty Ltd  
 (11) AU-A-2018214441  
 (21) 2018214441 (22) 01.02.2018  
 (54) Workplace task management system and process  
 (51) Int. Cl.  
 G06G 10/06 ( 2012.01 )  
 (87) WO2018/141012  
 (43) 09.08.2018  
 (72) Lucock, Paul  
 (74) Davies Collision Cave Pty Ltd
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- (71) Luxottica S.r.l.  
 (11) AU-A-2019214536  
 (21) 2019214536 (22) 01.02.2019  
 (54) Eyewear and lenses with multiple molded lens components  
 (51) Int. Cl.  
 G02C 7/10 ( 2006.01 )  
 B29D 11/00 ( 2006.01 )  
 G02C 7/12 ( 2006.01 )  
 (87) WO2019/150319  
 (31) 15/886,596 (32) 01.02.18 (33) US  
 (43) 08.08.2019  
 (72) MARCO, Coppa  
 (74) Spruson & Ferguson
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- (71) Luxottica S.r.l.  
 (11) AU-A-2019220323  
 (21) 2019220323 (22) 13.02.2019  
 (54) Multilayer lens for eyeglasses  
 (51) Int. Cl.  
 G02B 1/115 ( 2015.01 )  
 G02C 7/10 ( 2006.01 )  
 (87) WO2019/158596

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(43) 22.08.2019  
(72) DEGLI ANTONINI, Giorgio  
(74) Spruson & Ferguson
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- (71) Madad Pty Ltd  
(11) AU-A-2018407588  
(21) 2018407588 (22) 10.12.2018  
(54) Wire coil and innerspring system  
(51) Int. Cl.  
*A47C 27/06* ( 2006.01 )  
*A47C 23/04* ( 2006.01 )  
*A47C 27/07* ( 2006.01 )
- (87) WO2019/153028  
(31) 62/628,779 (32) 09.02.18 (33) US  
(43) 15.08.2019  
(72) JUST, Morrison; GREEN, Daniel;  
DEMOSS, Larry; TAR, Kevin;  
MANUSZAK, Brian  
(74) Spruson & Ferguson
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- (71) Magic Leap, Inc.  
(11) AU-A-2019225931  
(21) 2019225931 (22) 21.02.2019  
(54) Object creation with physical manipulation  
(51) Int. Cl.  
*G06F 3/048* ( 2013.01 )
- (87) WO2019/165044  
(31) 62/634,007 (32) 22.02.18 (33) US  
62/665,251 01.05.18 US  
(43) 29.08.2019  
(72) ZURMOEHLE, Tim; MONTOYA, An-  
drea, Isabel; MACDONALD, Robert,  
John, Cummings; GROTH, Sakina; MAK,  
Genevieve  
(74) Davies Collison Cave Pty Ltd
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- (71) Magic Leap, Inc.  
(11) AU-A-2019232746  
(21) 2019232746 (22) 05.03.2019  
(54) Adaptive lens assemblies including polar-  
ization-selective lens stacks for augmented  
reality display  
(51) Int. Cl.  
*G02B 27/01* ( 2006.01 )  
*G02C 7/02* ( 2006.01 )  
*G02C 7/06* ( 2006.01 )  
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*C12N 15/113* ( 2010.01 )  
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*A61P 3/04* ( 2006.01 )  
*B82Y 5/00* ( 2011.01 )
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*H04L 9/32* ( 2006.01 )
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(51) Int. Cl.

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**(54)** Method and device for raising juvenile farm animals  
**(51)** Int. Cl.  
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**(54)** A modular container system  
**(51)** Int. Cl.  
**B60P 3/42** ( 2006.01 )  
**B61D 5/06** ( 2006.01 )  
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**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**A61B 5/00** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
**G06T 7/62** ( 2017.01 )  
**G16H 30/40** ( 2018.01 )  
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**(54)** Method for building a protective structure and kit therefor  
**(51)** Int. Cl.  
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**E04B 1/00** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**E04F 10/08** ( 2006.01 )  
**F24S 25/00** ( 2018.01 )  
**H02S 20/23** ( 2014.01 )  
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**(51)** Int. Cl.  
**A47C 13/00** ( 2006.01 )  
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**A47C 5/04** ( 2006.01 )  
**A47C 5/10** ( 2006.01 )  
**A47C 7/42** ( 2006.01 )  
**A47C 7/54** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 25/28** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
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**C12N 15/11** ( 2006.01 )  
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**(51)** Int. Cl.
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**(54)** Tool for connecting ammunition belts  
**(51)** Int. Cl.  
**F42B 39/08** ( 2006.01 )  
**F41A 9/80** ( 2006.01 )  
**F42B 39/10** ( 2006.01 )  
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**A01N 43/42** ( 2006.01 )  
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**A01N 43/90** ( 2006.01 )  
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**(51)** Int. Cl.  
**A23L 29/212** ( 2016.01 )  
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**A23L 7/157** ( 2016.01 )  
**A23L 35/00** ( 2016.01 )  
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**(51)** Int. Cl.

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**F23K 5/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**B01J 23/00** ( 2006.01 )  
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**B01J 27/057** ( 2006.01 )  
**B01J 35/02** ( 2006.01 )  
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**B01J 37/03** ( 2006.01 )  
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**C07C 5/48** ( 2006.01 )  
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**(54)** Method for isolating and repairing multi-core sensor within taxi  
**(51)** Int. Cl.  
**G01D 18/00** ( 2006.01 )  
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**(54)** Combination of STING agonist and IL-15/IL15-Ra for the treatment of cancer  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**A61K 31/70** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
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**(54)** Combination therapy using a chimeric anti-gen receptor  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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**(11)** AU-A-2019216442  
**(21)** 2019216442      **(22)** 01.02.2019  
**(54)** Solid compositions comprising a GLP-1 agonist, a salt of N-(8-(2-hydroxybenzoyl)amino)caprylic acid and a lubricant  
**(51)** Int. Cl.  
**A61K 38/26** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
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**(72)** PEDERSEN, Betty Lomstein; NISSEN, Birgitte  
**(74)** Patent Attorney Services
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**(54)** User terminal and wireless communication method  
**(51)** Int. Cl.  
**H04L 27/26** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
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**(43)** 11.07.2019  
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**(54)** User equipment and radio communication method  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 28/04** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
**(87)** WO2019/138563
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**(54)** User device and radio communication method  
**(51)** Int. Cl.  
**H04J 13/16** ( 2011.01 )  
**H04L 27/26** ( 2006.01 )  
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**(54)** User terminal and wireless communication method  
**(51)** Int. Cl.  
**H04W 72/12** ( 2009.01 )  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2019/138521  
**(43)** 18.07.2019  
**(72)** TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; HOU, Xiaolin  
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**(54)** User terminal and wireless communication method  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 28/06** ( 2009.01 )  
**(87)** WO2019/138527  
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**(72)** TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; LIU, Min; HOU, Xiaolin; NA, Chongning  
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**(54)** User terminal and wireless communication method  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 16/28** ( 2009.01 )  
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**(72)** TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; LIU, Min; HOU, Xiaolin; NA, Chongning  
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 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )
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 (43) 18.07.2019  
 (72) HARADA, Hiroki; OHARA, Tomoya  
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 (21) 2018403639 (22) 19.01.2018  
 (54) User terminal and wireless communication method  
 (51) Int. Cl.  
*H04W 28/04* ( 2009.01 )  
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 (43) 25.07.2019  
 (72) TAKEDA, Kazuki; MATSUMURA, Yuki; NAGATA, Satoshi; WANG, Lihui; HOU, Xiaolin  
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 (11) AU-A-2019205036  
 (21) 2019205036 (22) 04.01.2019  
 (54) Modified orthopoxvirus vectors  
 (51) Int. Cl.  
*C12N 15/863* ( 2006.01 )  
*C12N 7/01* ( 2006.01 )  
*C12N 15/12* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
*C12N 15/37* ( 2006.01 )  
*C12N 15/39* ( 2006.01 )  
*C12N 15/52* ( 2006.01 )
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 (74) Griffith Hack
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- (71) Ottawa Hospital Research Institute  
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 (21) 2019205037 (22) 04.01.2019  
 (54) Modified vaccinia vectors  
 (51) Int. Cl.  
*C12N 15/863* ( 2006.01 )  
*A61K 35/76* ( 2015.01 )  
*A61K 35/768* ( 2015.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/07* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
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 A01N 37/18 ( 2006.01 )  
 A61K 31/7036 ( 2006.01 )  
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 F01C 19/00 ( 2006.01 )  
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 A61K 31/19 ( 2006.01 )  
 A61P 3/04 ( 2006.01 )  
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 A61K 31/343 ( 2006.01 )  
 A61K 9/20 ( 2006.01 )  
 A61K 31/443 ( 2006.01 )  
 A61P 25/02 ( 2006.01 )  
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 (51) Int. Cl.  
 A01G 9/24 ( 2006.01 )  
 A01G 7/04 ( 2006.01 )  
 H01L 31/055 ( 2014.01 )  
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 (51) Int. Cl.  
 A61K 31/7105 ( 2006.01 )  
 C12N 15/113 ( 2010.01 )  
 C12Q 1/68 ( 2018.01 )  
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SOLOVYOV, Alexander V.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
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*G01N 23/02* ( 2006.01 )  
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**(51)** Int. Cl.  
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*A61K 31/439* ( 2006.01 )  
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*A61P 11/06* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 209/10* ( 2006.01 )  
*C07D 211/18* ( 2006.01 )  
*C07D 211/70* ( 2006.01 )  
*C07D 249/06* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
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*C12N 15/861* ( 2006.01 )  
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*A61K 31/341* ( 2006.01 )  
*A61K 31/36* ( 2006.01 )  
*A61K 31/4406* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 213/82* ( 2006.01 )  
*C07D 241/24* ( 2006.01 )  
*C07D 307/66* ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
*A61K 38/16* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/01* ( 2006.01 )  
*C07K 14/025* ( 2006.01 )  
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**(51)** Int. Cl.  
*H01F 6/06* ( 2006.01 )  
*G21B 1/05* ( 2006.01 )  
*H01B 12/00* ( 2006.01 )  
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**(51)** Int. Cl.  
*H01L 39/20* ( 2006.01 )  
*H01F 6/02* ( 2006.01 )  
*H02H 7/00* ( 2006.01 )  
**(87)** WO2019/150092  
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**(51)** Int. Cl.  
*G01N 15/14* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
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**(31)** 2018-016114 **(32)** 01.02.18 **(33)** JP  
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**(72)** OKAYA, Shinji; TAKEMOTO, Kyoya  
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**(54)** Fluid separation membrane  
**(51)** Int. Cl.  
*B01D 69/02* ( 2006.01 )  
*B01D 69/10* ( 2006.01 )  
*B01D 69/12* ( 2006.01 )  
*B01D 71/02* ( 2006.01 )  
**(87)** WO2019/176474  
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**(51)** Int. Cl.  
*C22B 1/16* ( 2006.01 )  
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 (51) Int. Cl.  
 A45C 13/18 (2006.01)  
 A45C 5/14 (2006.01)  
 A45C 9/00 (2006.01)  
 A45C 15/00 (2006.01)  
 H02J 50/00 (2016.01)  
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 C07K 16/28 (2006.01)  
 A61P 35/00 (2006.01)  
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 C11D 17/00 (2006.01)  
 B65D 65/46 (2006.01)  
 C11D 3/20 (2006.01)  
 C11D 3/33 (2006.01)  
 C11D 7/26 (2006.01)  
 C11D 7/32 (2006.01)  
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 C11D 17/04 (2006.01)  
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 (51) Int. Cl.  
 A61B 5/00 (2006.01)  
 A61K 49/00 (2006.01)  
 G06T 7/90 (2017.01)  
 G16H 50/20 (2018.01)  
 (87) WO2019/148268  
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 A61N 1/365 (2006.01)  
 A61B 5/11 (2006.01)  
 A61H 1/02 (2006.01)  
 A61N 1/04 (2006.01)  
 A61N 1/05 (2006.01)  
 A61N 1/362 (2006.01)  
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 (74) Knightsbridge Patent Attorneys
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 A01N 25/24 (2006.01)  
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 A62C 35/60 (2006.01)  
 A62C 35/00 (2006.01)  
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 (51) Int. Cl.  
 H04N 19/57 (2014.01)  
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 G01V 5/00 (2006.01)  
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**C03C 17/34** ( 2006.01 )  
**C03C 17/36** ( 2006.01 )  
**C23C 28/00** ( 2006.01 )
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**A01K 63/04** ( 2006.01 )  
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(51) Int. Cl.  
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(54) Completion system apparatus  
(51) Int. Cl.
- E21B 43/04** ( 2006.01 )  
**E21B 33/124** ( 2006.01 )
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(51) Int. Cl.  
**E21B 34/08** ( 2006.01 )  
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**E21B 34/10** ( 2006.01 )  
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(54) Tie-rod frame plate for centrifugal pump  
(51) Int. Cl.  
**F04D 29/42** ( 2006.01 )  
**F04D 7/02** ( 2006.01 )  
**F04D 7/04** ( 2006.01 )  
**F04D 29/40** ( 2006.01 )  
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**F03D 13/20** ( 2016.01 )  
**F03D 80/00** ( 2016.01 )
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(51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
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(74) Griffith Hack
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(54) Data transmission method and apparatus, terminal, and base station  
(51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )
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(54) Resource allocation method and device  
(51) Int. Cl.  
**H04W 72/04** ( 2009.01 )
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(72) FANG, Huiying; YANG, Weiwei; DAI, Bo  
(74) Davies Collison Cave Pty Ltd

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<b>2018214441</b>	Lucock IP Holdings Pty Ltd	<b>2019205733</b>	Samsung Electronics Co., Ltd.
<b>2018324086</b>	Alarm.com Incorporated	<b>2019205822</b>	Microvascular Tissues, Inc.
<b>2018329956</b>	Fog Pharmaceuticals, Inc.	<b>2019205919</b>	Tri-Athalon, Inc.
<b>2018331966</b>	ABB Schweiz AG	<b>2019205955</b>	The Cleveland Clinic Foundation
<b>2018355506</b>	DSI Getränkearmaturen GmbH	<b>2019206639</b>	Chameleon Biosciences, Inc.
<b>2018370543</b>	Candido Filho, A.; Carvalho, C.	<b>2019206993</b>	Gross, M.
<b>2018387454</b>	Soundtheory Limited	<b>2019206999</b>	Happy Fish Technologies Inc.
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<b>2018400229</b>	Bonser, I.	<b>2019207902</b>	University of Louisville Research Foundation Inc.
<b>2018400240</b>	REED SCIENTIFIC SERVICES LTD.	<b>2019208338</b>	Birya Biotech, Inc.
<b>2018400261</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019208840</b>	Asahi Group Holdings, Ltd.
<b>2018400270</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019209450</b>	Purplesun Inc.
<b>2018400409</b>	NTT DOCOMO, Inc.	<b>2019209475</b>	Syros Pharmaceuticals, Inc.
<b>2018400796</b>	voestalpine Nortrak Inc.; voestalpine VAE GmbH	<b>2019209481</b>	Slager, B.; Cohen, P.
<b>2018401063</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited	<b>2019209652</b>	Patrick Brown Technologies Inc.
<b>2018401104</b>	NTT DOCOMO, Inc.	<b>2019210063</b>	The Wistar Institute of Anatomy and Biology
<b>2018401442</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019210164</b>	Redarc Technologies Pty Ltd
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<b>2018401937</b>	GreenAirSystems GmbH	<b>2019210326</b>	ARRIS Enterprises LLC
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<b>2018402429</b>	NTT DOCOMO, Inc.	<b>2019211223</b>	International Plant Propagation Technology Ltd
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<b>2018402707</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019211412</b>	Borlik, C.
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<b>2018403639</b>	NTT DOCOMO, Inc.	<b>2019211498</b>	Sharp, G.; McGettigan, A.
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<b>2018411540</b>	Prysmian S.p.A.	<b>2019213541</b>	Tokamak Energy Ltd
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2019214987	Institute for Musculoskeletal Science and Education, Ltd.	2019220323	Luxtottica S.r.l.
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2019215031	Novartis AG; The Trustees of University of Pennsylvania	2019220661	Valent U.S.A. LLC
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2019215142	Kellogg Company	2019221120	Marechal Electric
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2019215207	Viken Detection Corporation	2019222671	Ecolab USA Inc.
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2019215284	Givewith LLC	2019223014	AI Therapeutics, Inc.
2019215285	Givewith LLC	2019223309	Weatherford U.K. Limited
2019215289	Givewith LLC	2019223310	Sporegen Limited
2019215293	Hexcel Corporation	2019223377	Nardi S.p.A.
2019215420	Repligen Corporation	2019223675	Unilever PLC
2019215515	CodeStream, Inc.; Pezaris, P.; Captech, LLC	2019223785	Qualcomm Incorporated
2019215678	Sandvik Mining and Construction Oy	2019223954	Dyno Nobel Inc.
2019215794	Bluechiip Limited	2019223980	MasterCard International Incorporated
2019215799	The University of Sydney	2019224039	Pepsico, Inc.
2019215811	University Health Network	2019224043	Axonics Modulation Technologies, Inc.
2019216224	Capricor, Inc.	2019224127	Rhodes Technologies
2019216344	Roll Rite, LLC	2019224319	Nippon Soda Co., Ltd.
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2019216420	Pfizer Inc.	2019225393	Cartherics Pty. Ltd.
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2019216745	PicMonkey, LLC	2019225931	Magic Leap, Inc.
2019216773	PicMonkey, LLC	2019225992	Alcyone LifeSciences, Inc.
2019216781	The United States of America, as represented by The Secretary, Department of Health and Human Services	2019226072	ExoAnalytic Solutions, Inc.
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2019216929	Nisshin Foods Inc.	2019227513	Talis Biomedical Corporation
2019217241	MasterCard International Incorporated	2019227896	The University of North Carolina at Chapel Hill; University of Florida Research Foundation, Incorporated
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2019217366	eXIthera Pharmaceuticals Inc.	2019228474	Eli Lilly and Company
2019217481	Fredén, J.; Fredén, S.	2019228699	Shell Internationale Research Maatschappij B.V.
2019217482	Depuy Ireland Unlimited Company	2019229676	Ultrahuman Nine Limited
2019217523	ConMed Corporation	2019230453	Vonhof, A.
2019217605	Integrated Comfort, Inc.	2019231551	Zeno Royalties & Milestones, LLC
2019217670	Prester Foods Inc.	2019232161	Patentpool Innovations Management GmbH
2019217863	Stanley Motors Inc.	2019232746	Magic Leap, Inc.
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2019218125	Dragonfly Therapeutics, Inc.	2019234478	Boehringer Ingelheim International GmbH
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2019243572 The Climate Foundation  
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2019249718 Societe des Produits Nestle S.A.  
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2019249723 Societe des Produits Nestle S.A.  
2019249724 Societe des Produits Nestle S.A.  
2019251002 Boston Scientific SciMed, Inc.  
2019253305 Boston Scientific SciMed, Inc.  
2019253595 Boston Scientific SciMed, Inc.  
2019258123 Philip Morris Products S.A.  
2019258172 Daifuku Co., Ltd.  
2019258173 Daifuku Co., Ltd.  
2019258174 Daifuku Co., Ltd.  
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2019262567 Green Technology Research Co., Ltd  
2019263154 Boston Scientific Scimed, Inc.  
2019269370 Boston Scientific Scimed, Inc.  
2019269644 E Ink California, Llc  
2019285572 23IKIGAI PTE LTD  
2019285616 Alibaba Group Holding Limited  
2019301562 Quality Mat company  
2019302300 Raytheon Company  
2019356368 LG Chem, Ltd.  
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2019370330 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
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<u><b>A61L 9 /-</b></u>	2019214891 2019223014 2019224127		<u><b>B01L 3 /-</b></u>	<u><b>B32B 21 /-</b></u>	<u><b>B63B 32 /-</b></u>
2018401937			2019245325	2019205491	2019214481
<u><b>A61M 11 /-</b></u>		<u><b>A62C 33 /-</b></u>	<u><b>B01L 9 /-</b></u>	<u><b>B32B 27 /-</b></u>	<u><b>B63B 34 /-</b></u>
2019218810	<u><b>A61P 29 /-</b></u>	2019217365	2019245325	2019205491 2019215293	2019230453
<u><b>A61M 15 /-</b></u>	2019206993 2019211931 2019218256	<u><b>A62C 35 /-</b></u>	<u><b>B02C 2 /-</b></u>	<u><b>B32B 3 /-</b></u>	<u><b>B63H 11 /-</b></u>
2019218810		2019221478	2018405771	2019205491	2019302300
<u><b>A61M 25 /-</b></u>	<u><b>A61P 3 /-</b></u>	<u><b>A63B 21 /-</b></u>	<u><b>B03B 9 /-</b></u>	<u><b>B32B 37 /-</b></u>	<u><b>B64C 39 /-</b></u>
2019207630 2019236296	2019205288 2019207737	2019214909	2019209652	2018370543	2018324086
	2019208840 2019213562 2019215152 2019215196	<u><b>B01D 1 /-</b></u>	<u><b>B03D 1 /-</b></u>	<u><b>B32B 38 /-</b></u>	<u><b>B64G 3 /-</b></u>
<u><b>A61M 35 /-</b></u>		2019217605	2019209652	2018370543	2019226072
2019206993					
		<u><b>B01D 21 /-</b></u>	<u><b>B05B 15 /-</b></u>	<u><b>B32B 5 /-</b></u>	<u><b>B65D 65 /-</b></u>
<u><b>A61M 39 /-</b></u>	<u><b>A61P 31 /-</b></u>	2019209652	2019302300	2019205491	2019223675
2019225992 2019236296	2019211073 2019214081 2019214168 2019223310	<u><b>B01D 61 /-</b></u>	<u><b>B09C 1 /-</b></u>	2019205491	<u><b>B65D 81 /-</b></u>
		2019221748	2018400240	<u><b>B32B 7 /-</b></u>	2019233443
<u><b>A61M 5 /-</b></u>					
2019208338 2019215163 2019225992 2019236296	<u><b>A61P 35 /-</b></u>	<u><b>B01D 69 /-</b></u>	<u><b>B23D 35 /-</b></u>	2019205491	<u><b>B65D 83 /-</b></u>
	2018393435 2018398887 2018399726 2019205037	2019234497	2019363146	<u><b>B33Y 10 /-</b></u>	2019224039
<u><b>A61N 1 /-</b></u>	2019205062 2019210063 2019211411 2019212719 2019212800 2019212801 2019213843 2019214168 2019215799 2019216873 2019218729 2019219589 2019225393 2019226387 2019228473 2019229676 2019231551	<u><b>B01D 71 /-</b></u>	<u><b>B27L 1 /-</b></u>	2018412530	<u><b>B65D 90 /-</b></u>
2019207902 2019214966 2019224043		2019234497	2019237948	<u><b>B33Y 80 /-</b></u>	2019235640
<u><b>A61P 1 /-</b></u>		<u><b>B01F 1 /-</b></u>	<u><b>B27L 11 /-</b></u>	2018406738 2018412530	<u><b>B65G 15 /-</b></u>
2019205822 2019208840 2019213007		2019222671	2019237948	<u><b>B60J 7 /-</b></u>	2019258174
<u><b>A61P 11 /-</b></u>		<u><b>B01F 15 /-</b></u>	<u><b>B29C 35 /-</b></u>	2019215153 2019216344	<u><b>B65G 21 /-</b></u>
2019211073 2019214891 2019215172 2019218256		2019222671	2018370543	<u><b>B60L 1 /-</b></u>	2019258173
<u><b>A61P 13 /-</b></u>	<u><b>A61P 37 /-</b></u>	<u><b>B01F 5 /-</b></u>	<u><b>B29C 49 /-</b></u>	<u><b>B60L 1 /-</b></u>	<u><b>B65G 47 /-</b></u>
2019213007 2019218256	2019228474	2019222671	2018370543	2019210164	2019258172 2019258173 2019258174 2019258175
<u><b>A61P 15 /-</b></u>	<u><b>A61P 43 /-</b></u>	<u><b>B01J 20 /-</b></u>	<u><b>B29C 53 /-</b></u>	<u><b>B60P 3 /-</b></u>	<u><b>B67D 1 /-</b></u>
2019213007	2019216351 2019225151	2019211004	2018370543	2019210164 2019235640	2018355506 2019224039
<u><b>A61P 17 /-</b></u>		<u><b>B01J 21 /-</b></u>	<u><b>B29C 64 /-</b></u>	<u><b>B60P 7 /-</b></u>	<u><b>B82Y 5 /-</b></u>
2019205134		2019219056	2018412530	2019215153	2019215196
		<u><b>B01J 23 /-</b></u>	<u><b>B29D 11 /-</b></u>	<u><b>B60Q 3 /-</b></u>	<u><b>C01F 11 /-</b></u>
		2019213752 2019219056	2019214536	2019210164	2019237203
		<u><b>B01J 27 /-</b></u>	<u><b>B29K 27 /-</b></u>	<u><b>B60Q 9 /-</b></u>	
		2019213752	2018370543	2019210164	

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<b><u>C02F 1 /-</u></b>	<b><u>C07D 235 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C11C 3 /-</u></b>	<b><u>C12N 7 /-</u></b>
2019211004	2018398887	2019211931	2018405992	2019262567	2019205036
2019240080	2019218256	2019212719			2019205037
		2019212800	<b><u>C07K 7 /-</u></b>	<b><u>C11D 1 /-</u></b>	
<b><u>C02F 101 /-</u></b>	<b><u>C07D 239 /-</u></b>	2019215172	2018329956	2019210740	<b><u>C12P 19 /-</u></b>
2019211004	2019212719	2019218256	2019216873	2019211453	2019376764
		2019231551		2019212823	
<b><u>C02F 3 /-</u></b>	<b><u>C07D 241 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08J 3 /-</u></b>	2019212829	<b><u>C12P 7 /-</u></b>
2018400240	2018398887	2019213562	2018437491	<b><u>C11D 11 /-</u></b>	2019209481
	2019215799				
<b><u>C02F 9 /-</u></b>	<b><u>C07D 249 /-</u></b>	<b><u>C07D 489 /-</u></b>	<b><u>C08J 5 /-</u></b>	2019210740	<b><u>C12Q 1 /-</u></b>
2019211004	2019218256	2019224127	2018437491	2019211453	2019208840
			2019215293	2019212823	2019217875
<b><u>C03C 17 /-</u></b>	<b><u>C07D 271 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C08J 9 /-</u></b>	2019223675	2019225151
2019222698	2019213693	2019212800	2018437491	<b><u>C11D 17 /-</u></b>	2019285572
		2019213562			
<b><u>C04B 103 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C08L 67 /-</u></b>	2019212829	<b><u>C12R 1 /-</u></b>
2019237203	2019215799	2019213562	2018437491	2019223675	2019376764
				<b><u>C11D 3 /-</u></b>	<b><u>C14C 3 /-</u></b>
<b><u>C04B 28 /-</u></b>	<b><u>C07D 317 /-</u></b>	<b><u>C07J 5 /-</u></b>	<b><u>C08L 89 /-</u></b>	2019210740	2019220211
2018407466	2019215799	2019214347	2018437491	2019211453	
2019237203				2019212823	<b><u>C22B 1 /-</u></b>
				2019223675	
<b><u>C04B 40 /-</u></b>	<b><u>C07D 319 /-</u></b>	<b><u>C07J 75 /-</u></b>	<b><u>C09K 11 /-</u></b>	<b><u>C11D 7 /-</u></b>	2019235644
2019237203	2018398887	2019214347	2019218729		
				2019223675	<b><u>C22B 7 /-</u></b>
<b><u>C06B 23 /-</u></b>	<b><u>C07D 339 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C09K 17 /-</u></b>	<b><u>C12M 1 /-</u></b>	2019235644
2019223954	2019214557	2018329956	2018400240	2019213881	<b><u>C23C 28 /-</u></b>
		2019221748			
<b><u>C07C 1 /-</u></b>	<b><u>C07D 401 /-</u></b>	2019228377	<b><u>C09K 3 /-</u></b>	<b><u>C12M 3 /-</u></b>	2019222698
2019262567	2019209475	<b><u>C07K 14 /-</u></b>	2018400240	2019215247	<b><u>C25B 1 /-</u></b>
	2019212800				
<b><u>C07C 229 /-</u></b>	2019212801	2018329956	<b><u>C09K 8 /-</u></b>	<b><u>C12N 1 /-</u></b>	2019228699
2018398887	2019213562	2018399726	2018407466		<b><u>C25B 15 /-</u></b>
	2019214959	2018405992		2018400240	
<b><u>C07C 5 /-</u></b>	2019217366	2019205037	<b><u>C10G 2 /-</u></b>	2019223310	2019228699
2019213752	<b><u>C07D 403 /-</u></b>	2019206639		2019376764	
		2019210063	2019219056	<b><u>C12N 15 /-</u></b>	<b><u>D01F 6 /-</u></b>
<b><u>C07D 207 /-</u></b>	2019214168	2019211411			
2019214959	2019218256	2019213843	<b><u>C10G 25 /-</u></b>	2018405992	2019214347
	2019228473	2019214358		2019205036	<b><u>D06F 33 /-</u></b>
		2019220386	2019262567	2019205037	
<b><u>C07D 209 /-</u></b>	<b><u>C07D 405 /-</u></b>	2019226387	<b><u>C10G 3 /-</u></b>	2019206639	2018394999
2019216492	2019212801	<b><u>C07K 16 /-</u></b>		2019208840	
2019218256	2019217366	2018405442	2019262567	2019214935	<b><u>D06F 39 /-</u></b>
		2018405992		2019215152	
<b><u>C07D 211 /-</u></b>	<b><u>C07D 409 /-</u></b>	2019211411	<b><u>C10G 67 /-</u></b>	2019215196	2018394999
2019218256	2019218256	2019215013		2019217875	<b><u>D06F 58 /-</u></b>
		2019215075	2019262567	2019218557	
<b><u>C07D 213 /-</u></b>	<b><u>C07D 413 /-</u></b>	2019216420	<b><u>C10L 1 /-</u></b>	2019219589	2018412044
2018398887	2019212800	2019218125		2019221748	
2019215799	2019212801	2019218729	2019213705	2019227896	<b><u>D06P 1 /-</u></b>
	2019213693	2019219589	2019262567	<b><u>C12N 5 /-</u></b>	2019220211
<b><u>C07D 215 /-</u></b>	<b><u>C07D 417 /-</u></b>	2019225393	<b><u>C10L 8 /-</u></b>	2018437491	<b><u>D06P 3 /-</u></b>
2019212801	2019213693	2019226387		2019205037	
	2019217366	2019228377	2019262567	2019215247	2019220211
<b><u>C07D 231 /-</u></b>		2019228474	<b><u>C11B 5 /-</u></b>	2019216224	
2018398887		2019229676		2019217363	<b><u>E01B 3 /-</u></b>
		2019234478	2019214018	2019218125	2018400796

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<b><u>E01B 9 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F27B 21 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06Q 99 /-</u></b>
2018400796	2019215248	2019235644	2019245325	2019217241 2019223980	2019213731 2019213734 2019213735
<b><u>E01C 5 /-</u></b>	<b><u>F04D 7 /-</u></b>	<b><u>F28C 3 /-</u></b>	<b><u>G01N 9 /-</u></b>	<b><u>G06F 3 /-</u></b>	2019215281 2019215283 2019215284 2019215285 2019215289
2019301562	2019215248	2019217605	2018409822	2019212150 2019215794 2019216773 2019225931 2019226072	
<b><u>E01C 9 /-</u></b>	<b><u>F16B 31 /-</u></b>	<b><u>F28D 5 /-</u></b>	<b><u>G01R 31 /-</u></b>		<b><u>G06T 11 /-</u></b>
2019301562	2018409856	2019217605	2018331966		
<b><u>E04B 1 /-</u></b>	<b><u>F16B 5 /-</u></b>	<b><u>F41A 9 /-</u></b>	<b><u>G01T 7 /-</u></b>	<b><u>G06F 40 /-</u></b>	2019226072
2019213527	2018409856	2018406430	2019210207	2019215515	<b><u>G06T 19 /-</u></b>
<b><u>E04F 10 /-</u></b>	<b><u>F16F 9 /-</u></b>	<b><u>F41B 7 /-</u></b>	<b><u>G01V 5 /-</u></b>	<b><u>G06F 8 /-</u></b>	2019212150
2019213527	2019207530	2019221827	2019215207	2019215515	<b><u>G06T 5 /-</u></b>
<b><u>E06B 9 /-</u></b>	<b><u>F16J 12 /-</u></b>	<b><u>F41H 1 /-</u></b>	<b><u>G01V 9 /-</u></b>	<b><u>G06K 19 /-</u></b>	2019214330
2019213763	2018370543	2019212108	2019232161	2019206999	<b><u>G06T 7 /-</u></b>
<b><u>E21B 15 /-</u></b>	<b><u>F16K 11 /-</u></b>	<b><u>F42B 39 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06K 7 /-</u></b>	2019214330 2019215811
2019215678	2019227513	2018406430	2019220323	2019215794	
<b><u>E21B 17 /-</u></b>	<b><u>F16K 3 /-</u></b>	<b><u>F42D 1 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G08B 21 /-</u></b>
2019211946	2019227513	2019223954	2018412530 2019232746	2019226072 2019419888 2019419889 2019419891	2018324086 2018400229
<b><u>E21B 19 /-</u></b>	<b><u>F16L 9 /-</u></b>	<b><u>F42D 3 /-</u></b>	<b><u>G02B 3 /-</u></b>		<b><u>G10D 1 /-</u></b>
2019215678	2018370543	2019223954	2019211498		2019217481
<b><u>E21B 33 /-</u></b>	<b><u>F16S 3 /-</u></b>	<b><u>G01D 18 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G10D 3 /-</u></b>
2018407466 2019218656	2018370543	2019214705	2018411540 2019205186 2019222724	2019212839	2019217481
<b><u>E21B 34 /-</u></b>	<b><u>F17C 1 /-</u></b>	<b><u>G01K 11 /-</u></b>		<b><u>G06N 3 /-</u></b>	<b><u>G10L 19 /-</u></b>
2019223309	2018370543	2019232161		2019423615	2018387454
<b><u>E21B 43 /-</u></b>	<b><u>F23K 5 /-</u></b>	<b><u>G01M 11 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G16H 20 /-</u></b>
2019211946 2019218656 2019223954	2019219900	2019219296	2019214536 2019220323 2019232746	2018214441 2018408886 2019206999 2019216745 2019216884 2019226625 2019370330 2019423615	2019218793
<b><u>E21C 41 /-</u></b>	<b><u>F23N 5 /-</u></b>	<b><u>G01N 13 /-</u></b>	<b><u>G02F 1 /-</u></b>		<b><u>G16H 30 /-</u></b>
2019223954	2019219900	2018409822	2019269644		2019214330
<b><u>E21D 9 /-</u></b>	<b><u>F24F 6 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G16H 40 /-</u></b>
2019223954	2019217605	2019213881 2019232161	2018324086	2019218793 2019222702 2019243592	
<b><u>F01C 19 /-</u></b>	<b><u>F24S 25 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16H 50 /-</u></b>
2019227513	2019213527	2019210207	2018413356 2019212150	2019423615	2019206993 2019214330 2019215811
<b><u>F01L 7 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G06Q 40 /-</u></b>	
2019227513	2019217605	2019221748 2019227513	2019210326	2019217990	<b><u>G21B 1 /-</u></b>
<b><u>F03D 13 /-</u></b>	<b><u>F25D 17 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2019213541
2018424215	2019233443	2018405442 2018409822 2019217363 2019225393 2019232161 2019234478 2019245325	2019213775	2018408886 2019206999 2019218793 2019226625 2019247418	<b><u>G21K 1 /-</u></b>
<b><u>F03D 80 /-</u></b>	<b><u>F25D 23 /-</u></b>		<b><u>G06F 17 /-</u></b>		
2018424215	2019217605		2018387454		
	<b><u>F25D 25 /-</u></b>				
2018424215	2019233443				

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<b><u>H01B 12 /-</u></b>	<b><u>H04L 12 /-</u></b>	2018402444
2019213541	2019238187	<b><u>H04W 64 /-</u></b>
<b><u>H01B 7 /-</u></b>	<b><u>H04L 27 /-</u></b>	2019223785
2019211946	2018400409 2018402112	<b><u>H04W 68 /-</u></b>
<b><u>H01F 6 /-</u></b>	<b><u>H04L 29 /-</u></b>	2018405905
2019213541 2019214503	2019211412 2019216745 2019225816	<b><u>H04W 72 /-</u></b>
<b><u>H01L 31 /-</u></b>	<b><u>H04L 5 /-</u></b>	2018400409 2018401104 2018401500 2018401520 2018402162 2018402168 2018402429 2018402444 2018403639 2019207128 2019218524 2019220699 2019221272 2019223000 2019225176
2019243572	2018400270 2018408880 2018409250 2019207128 2019220699 2019221272 2019221649 2019222549	
<b><u>H01L 39 /-</u></b>	<b><u>H04L 9 /-</u></b>	
2019214503	2019217241	<b><u>H04W 74 /-</u></b>
<b><u>H01M 10 /-</u></b>	<b><u>H04M 1 /-</u></b>	2018401104 2018408880 2019225816
2018331966 2019356368	2019211941	
<b><u>H01M 2 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019356368	2019212951	2019218810
<b><u>H02G 15 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2019221120	2019210326	
<b><u>H02G 3 /-</u></b>	<b><u>H04N 7 /-</u></b>	
2019221120	2019216879	
<b><u>H02H 7 /-</u></b>	<b><u>H04W 16 /-</u></b>	
2019214503	2018401063 2018402429	
<b><u>H02J 50 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2019205919	2018401104 2018402168 2018403639 2019211679	
<b><u>H02K 11 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2019217863	2019225816	
<b><u>H02S 20 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2019213527	2018401442	
<b><u>H02S 30 /-</u></b>	<b><u>H04W 52 /-</u></b>	
2019213527	2018405905 2019205733 2019225452	
<b><u>H03H 17 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2018387454	2018400261	
<b><u>H04B 1 /-</u></b>		
2018412750		
<b><u>H04J 13 /-</u></b>		
2018402112		
<b><u>H04L 1 /-</u></b>		
2018402707		

Applications Accepted

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(71) 15 Seconds of Fame, Inc.  
 (11) AU-B-2016342028  
 (21) 2016342028 (22) 21.10.2016  
 (54) Methods and apparatus for false positive minimization in facial recognition applications  
 (51) Int. Cl.  
*G06K 9/60* ( 2006.01 )  
*G06K 9/46* ( 2006.01 )  
*G06K 9/62* ( 2006.01 )  
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**E02F 9/26** ( 2006.01 )  
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**H02M 1/12** ( 2006.01 )  
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**H02M 7/12** ( 2006.01 )  
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**A61J 15/00** ( 2006.01 )  
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**F16L 21/02** ( 2006.01 )  
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**B65D 85/804** ( 2006.01 )  
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**C08L 29/00** ( 2006.01 )  
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**A61K 31/443** ( 2006.01 )

**A61P 29/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 405/06** ( 2006.01 )  
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**A61Q 3/00** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/99** ( 2006.01 )  
**A61Q 5/00** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
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**F02G 1/043** ( 2006.01 )  
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**F02C 1/10** ( 2006.01 )  
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**A61F 13/15** ( 2006.01 )  
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**H04N 21/61** ( 2011.01 )  
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**A61N 5/10** ( 2006.01 )  
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**B25G 1/10** ( 2006.01 )  
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**A23L 33/10** ( 2016.01 )  
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**A23L 33/135** ( 2016.01 )  
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**C11D 17/04** ( 2006.01 )  
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*H04L 12/18* ( 2006.01 )  
*H04M 3/56* ( 2006.01 )  
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*H04W 72/04* ( 2009.01 )  
*H04L 27/26* ( 2006.01 )  
*H04W 16/32* ( 2009.01 )  
*H04W 24/10* ( 2009.01 )  
*H04W 36/14* ( 2009.01 )  
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*H04W 92/20* ( 2009.01 )  
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 A01C 15/00 ( 2006.01 )  
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**B60T 8/32** ( 2006.01 )  
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**B62L 3/02** ( 2006.01 )
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Christopher Bruce Alexander; LILLICO,  
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University of Sydney  
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Daniel E.; THOREN, Brian; EDIE, Jason;  
LEITHER, Andy; KAY, David; PERERA,  
Anthony; DENHARTOG, Bryan; RED-  
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East China Normal University  
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(21) 2018324017 (22) 29.08.2018  
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POTE, Allison Christine  
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<b>2014286237</b>	F. Hoffmann-La Roche AG	<b>2016223373</b>	Electrolux Appliances Aktiebolag
<b>2014348333</b>	Entegriion, Inc.	<b>2016225854</b>	Media Global Links Co., Ltd.
<b>2014351482</b>	Mina Therapeutics Limited	<b>2016230952</b>	Crown Packaging Technology, Inc.
<b>2014410194</b>	Kimberly-Clark Worldwide, Inc.	<b>2016232290</b>	QinetiQ Limited
<b>2014415545</b>	CQMS Pty Ltd	<b>2016233216</b>	Caisson Interventional, LLC
<b>2014415546</b>	CQMS Pty Ltd	<b>2016235980</b>	Quality Mat company
<b>2015203435</b>	The Boeing Company	<b>2016238176</b>	Goble, E.
<b>2015210750</b>	Children's Medical Center Corporation; Novartis AG; Dana-Farber Cancer Institute, Inc.	<b>2016238466</b>	Société des Produits Nestlé S.A.
<b>2015216816</b>	Decathlon	<b>2016239911</b>	Albemarle Germany GmbH
<b>2015221181</b>	Merck Patent GmbH	<b>2016242861</b>	Enanta Phamraceuticals, Inc.
<b>2015222795</b>	Textura Corporation	<b>2016243700</b>	Akebia Therapeutics, Inc.
<b>2015227191</b>	Karsten Manufacturing Corporation	<b>2016243825</b>	MonoSol, LLC
<b>2015238035</b>	Clarke, T.; Clarke, T.	<b>2016247122</b>	Oticon Medical A/S
<b>2015250629</b>	Shot Scope Technologies Limited	<b>2016251587</b>	Mölnlycke Health Care AB
<b>2015264825</b>	dormakaba Deutschland GmbH	<b>2016265203</b>	BASF SE
<b>2015264836</b>	dormakaba Deutschland GmbH	<b>2016274532</b>	Bitdefender IPR Management Ltd
<b>2015273934</b>	3B Pharmaceuticals GmbH	<b>2016274662</b>	Indena S.p.A.
<b>2015275264</b>	Casio Computer Co., Ltd.	<b>2016275576</b>	The University of Sydney; Western Sydney Local Health District
<b>2015276149</b>	Meda OTC AB	<b>2016281539</b>	Ethicon, Inc.
<b>2015276173</b>	MedImmune Limited	<b>2016284383</b>	Eisai R&D Management Co., Ltd.
<b>2015279212</b>	Heidelberg ImmunoTherapeutics GmbH	<b>2016284942</b>	Actelion Pharmaceuticals Ltd
<b>2015286043</b>	Birdie Biopharmaceuticals Inc.	<b>2016287568</b>	Turning Point Therapeutics, Inc.
<b>2015287397</b>	Cambridge Enterprise Limited	<b>2016288716</b>	Everist Genomics, Inc.
<b>2015292641</b>	KPR U.S., LLC	<b>2016289746</b>	Bayer Pharma Aktiengesellschaft
<b>2015302416</b>	Huygens AS	<b>2016296156</b>	Align Technology, Inc.
<b>2015302418</b>	Apple Inc.	<b>2016297438</b>	Thru Tubing Solutions, Inc.
<b>2015305276</b>	Isothrive LLC	<b>2016299092</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.
<b>2015308053</b>	Keter Plastic Ltd.	<b>2016301235</b>	Ecolab USA Inc.
<b>2015309688</b>	Blackmagic Design Pty Ltd	<b>2016309961</b>	SmartSwitch Pty Ltd
<b>2015313561</b>	Sato Holdings Kabushiki Kaisha	<b>2016310634</b>	KRAUSZ INDUSTRIES LTD
<b>2015317186</b>	Electrolux Appliances Aktiebolag	<b>2016315708</b>	Precision Planting LLC
<b>2015317229</b>	Fresenius Medical Care Deutschland GmbH	<b>2016320407</b>	BeMicron SA
<b>2015317527</b>	Intra-Cellular Therapies, Inc.	<b>2016322708</b>	Hangzhou Dac Biotech Co, Ltd
<b>2015319467</b>	Sakata Inx Corp.	<b>2016323254</b>	LEO Pharma A/S
<b>2015328222</b>	Case Western Reserve University	<b>2016324121</b>	Taiho Pharmaceutical Co., Ltd.
<b>2015333550</b>	Borenstein, D.	<b>2016325378</b>	Assistance Publique - Hopitaux de Paris; Universite Paris Descartes; Inserm Paris; Centre national de la recherche scientifique
<b>2015338684</b>	Lubrizol Advanced Materials, Inc.	<b>2016328916</b>	NEURONAX
<b>2015341734</b>	Ferring B.V.	<b>2016331625</b>	The Regents of the University of California
<b>2015342719</b>	GT Systems Pty Ltd	<b>2016335987</b>	Savant Systems, Inc.
<b>2015342816</b>	Tevnos LLC	<b>2016342028</b>	15 Seconds of Fame, Inc.
<b>2015344858</b>	AMLO Biosciences Limited	<b>2016343295</b>	National ICT Australia Limited
<b>2015345035</b>	BASF SE	<b>2016344532</b>	BAE Systems PLC
<b>2015346292</b>	University of Houston System	<b>2016351455</b>	MJN U.S. Holdings LLC
<b>2015349057</b>	Kapsch TrafficCom AG	<b>2016355306</b>	Kellogg Company
<b>2015356727</b>	Caffitaly System S.p.A.	<b>2016370626</b>	Afimmune Limited
<b>2015361242</b>	iRobot Corporation	<b>2016374654</b>	Tan, J.
<b>2015365363</b>	Adige S.p.A.	<b>2016374791</b>	Eco-Oil Miljöbränslen I Sverige AB
<b>2015366548</b>	Syngenta Participations AG	<b>2016378084</b>	Schulte Strathaus GmbH & Co. KG Fördertechnik Dichtungssysteme
<b>2015369929</b>	DuPont Industrial Biosciences USA, LLC	<b>2016388920</b>	Qualcomm Incorporated
<b>2015370583</b>	Smith & Nephew plc	<b>2016391789</b>	Kuhl, N.; Wassmer, M.
<b>2015370807</b>	Decathlon	<b>2016415075</b>	Guangdong Institute Of Materials And Processing
<b>2015374542</b>	Ecolab USA Inc.	<b>2017206382</b>	Kangpu Biopharmaceuticals, Ltd
<b>2015390843</b>	iRobot Corporation	<b>2017211647</b>	Qualcomm Incorporated
<b>2015395524</b>	Kimberley-Clark Worldwide, Inc.	<b>2017215800</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
<b>2015396963</b>	iRobot Corporation	<b>2017225237</b>	Kemira Oyj
<b>2015397171</b>	Statoil Petroleum AS	<b>2017235723</b>	Bilab Co., Ltd.
<b>2015414030</b>	Sun Patent Trust	<b>2017239318</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.
<b>2016200042</b>	Joy Global Surface Mining Inc	<b>2017240370</b>	Qualcomm Incorporated
<b>2016201018</b>	Ainsworth Game Technology Limited	<b>2017245573</b>	Constantia Teich GmbH
<b>2016201978</b>	Covidien LP		
<b>2016206409</b>	Electrolux Professional S.p.A.		
<b>2016209597</b>	Honeywell International Inc.		
<b>2016211450</b>	SharkNinja Operating LLC		
<b>2016215488</b>	Dupont Industrial BioSciences USA, LLC		
<b>2016219231</b>	Icahn School of Medicine at Mount Sinai; National Institutes of Health		

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<b>2017248999</b>	American Express Travel Related Services Company, Inc.	<b>2018324017</b>	Zimmer Biomet Spine, Inc.
<b>2017276325</b>	Anglo American Services (UK) Ltd	<b>2018325047</b>	South China University of Technology
<b>2017296469</b>	The Yokohama Rubber Co., Ltd.	<b>2018332727</b>	Medtronic Minimed, Inc.
<b>2017298468</b>	Greeneden U.S. Holdings II, LLC	<b>2018349940</b>	Alibaba Group Holding Limited
<b>2017304898</b>	Purdue Pharma L.P.	<b>2018369913</b>	MediBeacon Inc.
<b>2017311519</b>	SELEGGT GmbH	<b>2018397915</b>	Daikin Industries, Ltd.
<b>2017314741</b>	Obshchestvo S Ogranichennoy Otvetstvennostyu "Miki"	<b>2019200107</b>	Betts, J.; Scott, P.
<b>2017334870</b>	Merck Sharp & Dohme Corp.	<b>2019200294</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2017336199</b>	Camurus AB	<b>2019200662</b>	Stryker Corporation
<b>2017338265</b>	Fifth Wheel AS	<b>2019200665</b>	Covidien LP
<b>2017350733</b>	The Procter & Gamble Company	<b>2019201100</b>	ServiceNow, Inc.
<b>2017350745</b>	The Procter & Gamble Company	<b>2019201197</b>	United Laboratories International, LLC
<b>2017363069</b>	Cephea Valve Technologies, Inc.	<b>2019201352</b>	Celgene Quantical Research, Inc.
<b>2017372665</b>	Daikin Industries, Ltd.	<b>2019201394</b>	ESCO Group LLC
<b>2017374460</b>	Il Dong Pharmaceutical Co., Ltd.	<b>2019201795</b>	BatMark Limited
<b>2017377034</b>	Ab Initio Technology LLC	<b>2019201873</b>	Intact Vascular, Inc.
<b>2017380280</b>	Neste Corporation	<b>2019202015</b>	Hangzhou Fuyang Fuxiang Computer Co., Ltd.
<b>2017386269</b>	Colgate-Palmolive Company	<b>2019202425</b>	Paramount Pictures Corporation
<b>2017386955</b>	Malta Inc.	<b>2019202523</b>	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
<b>2017390902</b>	NEC Corporation	<b>2019203076</b>	Sika Technology AG
<b>2017392727</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019203196</b>	COMMHEALTH SYSTEMS PTY LIMITED
<b>2017410432</b>	China University of Mining and Technology	<b>2019203625</b>	Immatics Biotechnologies GmbH
<b>2017422421</b>	Bolymedia Holdings Co. Ltd.	<b>2019203928</b>	Koninklijke Philips N.V.
<b>2017424224</b>	CRRC Qingdao Sifang Rolling Stock Research Institute Co., Ltd.	<b>2019204111</b>	Microsoft Technology Licensing, LLC
<b>2017438059</b>	Owen Oil Tools LP	<b>2019204171</b>	MEYER INTELLECTUAL PROPERTIES LIMITED; BARBERI, P.
<b>2018203556</b>	Ipsen Biopharm, Ltd.; Ipsen Bioinnovation Limited	<b>2019204212</b>	Komatsu Ltd.
<b>2018203707</b>	AeroVironment, Inc.	<b>2019204451</b>	Colgate-Palmolive Company
<b>2018203842</b>	Boston Scientific Scimed, Inc.	<b>2019204482</b>	Sassoh Industries Co., Ltd.
<b>2018204225</b>	Evogene Ltd.	<b>2019204550</b>	Applied Medical Resources Corporation
<b>2018204794</b>	Washington State University; University of Maryland; The University Court of the University of Edinburgh	<b>2019204612</b>	Daikin Industries, Ltd.
<b>2018204800</b>	Stryker Corporation	<b>2019204708</b>	Alibaba Group Holding Limited
<b>2018206687</b>	Alcyone Lifesciences, Inc.	<b>2019205006</b>	C.Y. O'Connor ERADE Village Foundation Inc.
<b>2018208638</b>	Orthalign, Inc.	<b>2019210168</b>	Thomson, J.
<b>2018214014</b>	Araxes Pharma LLC	<b>2019210528</b>	GE Global Sourcing LLC
<b>2018220068</b>	Evolva SA	<b>2019210698</b>	Ascend Biopharmaceuticals Ltd
<b>2018222989</b>	CareFusion 303, Inc.	<b>2019216674</b>	Fieldpoint (Cyprus) Ltd.
<b>2018233049</b>	President and Fellows of Harvard College	<b>2019219820</b>	Accenture Global Solutions Limited
<b>2018233329</b>	East China Normal University; Zhejiang Jiruitong New Material Co., Ltd.	<b>2019222959</b>	Chiesi Farmaceutici S.p.A.
<b>2018239542</b>	Jacobio Pharmaceuticals Co., Ltd.	<b>2019222961</b>	Scolmore International Limited
<b>2018239785</b>	CJ Cheiljedang Corporation	<b>2019229930</b>	Citrix Systems, Inc.
<b>2018241106</b>	Janssen Biotech, Inc.	<b>2019236674</b>	Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.; Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.
<b>2018241219</b>	Unित्रact Syringe Pty Ltd	<b>2019236731</b>	The trustee for Rofraus Trust
<b>2018247219</b>	Université Nice Sophia Antipolis; Centre hospitalier universitaire de Nice; Rarecells; Institut National de la Sante et de la Recherche Medicale; Assistance Publique - Hopitaux de Paris; Universite Paris Descartes	<b>2019240594</b>	Alentic Microscience Inc.
<b>2018247238</b>	JOYCE, J.	<b>2019283991</b>	Huawei Technologies Co., Ltd.
<b>2018250403</b>	McNeil-PPC, Inc.	<b>2019365566</b>	Samsung Electronics Co., Ltd.
<b>2018253467</b>	Amgen Inc.	<b>2020200331</b>	Sony Corporation
<b>2018253538</b>	Civitas Therapeutics, Inc.	<b>2020201370</b>	ENDO GI MEDICAL LTD.
<b>2018253587</b>	Applied Medical Resources Corporation	<b>2020202945</b>	OES Limited
<b>2018253671</b>	Geneheal Biotechnology Co., Ltd.		
<b>2018256480</b>	Petroliam Nasional Berhad; Dalian Institute of Chemical Physics		
<b>2018256873</b>	W. L. Gore & Associates, Inc.		
<b>2018260977</b>	Ecolab USA Inc.		
<b>2018262453</b>	Koch-Glitsch, LP		
<b>2018264048</b>	HUBBELL INCORPORATED		
<b>2018264053</b>	INCYTE HOLDINGS CORPORATION		
<b>2018267577</b>	DSM IP Assets B.V.		
<b>2018267755</b>	Dongguan University of Technology; Li, Y.; Li, L.		
<b>2018271357</b>	Bio-Rad Innovations; DiaMed GmbH		
<b>2018271393</b>	UVLrx Therapeutics, Inc.		
<b>2018278965</b>	Wright Medical Technology, Inc.		
<b>2018282294</b>	Motorola Solutions, Inc.		
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<b>2018286581</b>	W. L. Gore & Associates, Inc.		
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<b><u>A01C 15 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 50 /-</u></b>	2018264053 2018369913 2019201352	2016281539	<b><u>A61P 33 /-</u></b>
2016315708	2019201795	2016201978		<b><u>A61M 15 /-</u></b>	2019210698
<b><u>A01G 31 /-</u></b>	<b><u>A45C 13 /-</u></b>	<b><u>A61B 8 /-</u></b>	<b><u>A61K 33 /-</u></b>	2019201795 2019222959	<b><u>A61P 35 /-</u></b>
2019204482	2015238035	2015275264	2015317229	<b><u>A61M 39 /-</u></b>	2015273934 2015276173 2015286043 2016284383 2016299092 2016322708 2016370626 2017206382 2017239318 2017336199 2018239542 2018253671 2018264053
<b><u>A01G 7 /-</u></b>	<b><u>A45C 5 /-</u></b>	<b><u>A61C 19 /-</u></b>	<b><u>A61K 38 /-</u></b>	2018241219	
2019204482	2015238035	2019204451	2015287397 2016325378 2016328916 2018203556 2018241106	<b><u>A61M 5 /-</u></b>	
<b><u>A01H 5 /-</u></b>	<b><u>A45C 9 /-</u></b>	<b><u>A61C 7 /-</u></b>		2015292641 2018206687 2018241219 2018253467	
2018204225	2015238035	2016296156			
<b><u>A01K 45 /-</u></b>	<b><u>A47J 27 /-</u></b>	<b><u>A61F 13 /-</u></b>	<b><u>A61K 39 /-</u></b>		<b><u>A61P 37 /-</u></b>
2017311519	2019204171	2014410194 2015370583 2015395524 2016251587 2018250403	2015221181 2015276173 2015279212 2019203625	<b><u>A61N 1 /-</u></b>	
<b><u>A01K 67 /-</u></b>	<b><u>A47J 36 /-</u></b>			2019203196	
2018204794	2019204171			<b><u>A61N 5 /-</u></b>	
<b><u>A01N 37 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61K 45 /-</u></b>	2015276173 2016275576	2016323254 2016324121 2016351455 2017206382
2018260977	2016206409 2019204171	2016233216 2017363069 2018208638	2015286043	<b><u>A61P 1 /-</u></b>	
<b><u>A01N 43 /-</u></b>	<b><u>A47J 45 /-</u></b>	2018286581 2019200665 2019201873 2020201370		2016242861 2017336199	<b><u>A61P 43 /-</u></b>
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<b><u>A23C 11 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61K 48 /-</u></b>	2015287397	<b><u>A61P 5 /-</u></b>
2018325047	2015361242 2016211450	2016374654	2019210698	<b><u>A61P 15 /-</u></b>	2017336199
<b><u>A23C 7 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61F 9 /-</u></b>	<b><u>A61K 8 /-</u></b>	2016325378	<b><u>A61P 7 /-</u></b>
2018260977	2018203842	2015370807	2015276149 2015338684 2016215488 2016325378 2017350733 2017350745 2017386269	<b><u>A61P 17 /-</u></b>	2016243700
<b><u>A23K 10 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61J 15 /-</u></b>		2016370626 2017336199	<b><u>A61P 9 /-</u></b>
2016238466	2016238176 2018208638 2018253587 2018256873 2018278965 2018324017 2019204550	2015292641		<b><u>A61P 25 /-</u></b>	2015287397 2016289746
<b><u>A23K 40 /-</u></b>		<b><u>A61K 31 /-</u></b>		2016370626 2017304898 2017334870 2018253538	<b><u>A61Q 11 /-</u></b>
2016238466		2014351482 2015286043 2015305276 2015317527 2015341734 2016219231 2016242861 2016243700 2016274662 2016284383 2016284942 2016289746 2016299092 2016323254 2016324121 2016370626	<b><u>A61K 9 /-</u></b>		2015276149 2015338684 2017350733 2017350745
<b><u>A23K 50 /-</u></b>	<b><u>A61B 18 /-</u></b>		2015317229 2015341734 2016274662 2018253538 2019210698	<b><u>A61P 27 /-</u></b>	
2016238466	2016275576 2018203842			2016289746 2017336199	<b><u>A61Q 15 /-</u></b>
<b><u>A23L 2 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61L 2 /-</u></b>		<b><u>A61P 29 /-</u></b>	2016215488 2017386269
2018220068	2020202945	2018260977		2016323254 2016324121 2016370626	<b><u>A61Q 19 /-</u></b>
<b><u>A23L 27 /-</u></b>	<b><u>A61B 46 /-</u></b>	<b><u>A61M 1 /-</u></b>			2015338684 2016215488 2017386269
2018220068	2019200107	2015370583 2019200662		<b><u>A61P 3 /-</u></b>	
<b><u>A23L 33 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61M 11 /-</u></b>		2015328222 2016219231 2016370626 2017336199	<b><u>A61Q 3 /-</u></b>
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<b><u>A23L 7 /-</u></b>		<b><u>A61M 13 /-</u></b>		<b><u>A61P 31 /-</u></b>	<b><u>A61Q 5 /-</u></b>
2016355306		2016281539 2019201795			2015338684
<b><u>A23P 30 /-</u></b>				2017215800	
2016355306					



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2016215488	<b><u>B23K 26 /-</u></b>		2018260977	2018214014	2019203076
<b><u>A62B 18 /-</u></b>	2015365363	<b><u>B63C 9 /-</u></b>		<b><u>C07D 211 /-</u></b>	<b><u>C08J 5 /-</u></b>
2018204800	<b><u>B23K 37 /-</u></b>	2015216816		<b><u>C07D 471 /-</u></b>	2016243825
<b><u>A63B 21 /-</u></b>	2015365363	<b><u>B64D 1 /-</u></b>	2018214014	2015366548	<b><u>C08K 5 /-</u></b>
2015216816	<b><u>B25G 1 /-</u></b>	2016344532	2019201352	2016287568	
<b><u>A63B 24 /-</u></b>	2019204171	<b><u>B65D 25 /-</u></b>	<b><u>C07D 213 /-</u></b>	2018214014	2016243825
2015250629	<b><u>B29C 45 /-</u></b>	2019204171	2016243700	2018239542	
<b><u>A63B 31 /-</u></b>	2015308053	<b><u>B65D 43 /-</u></b>	2018214014	<b><u>C07D 487 /-</u></b>	<b><u>C08L 23 /-</u></b>
2015216816	<b><u>B29C 67 /-</u></b>	2016230952		2015317527	2015369929
<b><u>A63B 33 /-</u></b>	2016374654	<b><u>B65D 6 /-</u></b>	<b><u>C07D 231 /-</u></b>	2016284383	
2015370807	<b><u>B32B 15 /-</u></b>	2016230952	2018214014	2017215800	<b><u>C08L 29 /-</u></b>
<b><u>A63B 53 /-</u></b>	2017245573	<b><u>B65D 73 /-</u></b>	<b><u>C07D 237 /-</u></b>	2018214014	2015369929
2015227191	<b><u>B32B 27 /-</u></b>	2016230952	2018214014	2017334870	2016391789
<b><u>A63B 69 /-</u></b>	2017245573	<b><u>B65D 85 /-</u></b>	<b><u>C07D 241 /-</u></b>	2018239542	<b><u>C08L 3 /-</u></b>
2015216816	2019236674	2016391789	2018239542	<b><u>C07D 498 /-</u></b>	2015369929
2015250629	<b><u>B32B 7 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C07D 251 /-</u></b>	2016287568	<b><u>C08L 5 /-</u></b>
<b><u>A63F 13 /-</u></b>	2017245573	2016391789	2016299092	2018239542	2015369929
2016201018	<b><u>B41J 2 /-</u></b>	2015356727	<b><u>C07D 263 /-</u></b>	<b><u>C07F 5 /-</u></b>	<b><u>C08L 67 /-</u></b>
<b><u>A63F 9 /-</u></b>	2015319467	2016391789	2016284942	2016239911	2015369929
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<b><u>B01D 46 /-</u></b>	2015319467	2016265203	2017239318	2016242861	2015369929
2016320407	<b><u>B60K 7 /-</u></b>	<b><u>B65G 45 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C09D 105 /-</u></b>
<b><u>B01D 53 /-</u></b>	2016232290	2016378084	2016284942	2015328222	2015369929
2015397171	<b><u>B60L 13 /-</u></b>	<b><u>C01B 6 /-</u></b>	<b><u>C07D 285 /-</u></b>	2016325378	<b><u>C09D 183 /-</u></b>
2018256480	2019210528	2016239911	2018214014	2018203556	
<b><u>B01J 19 /-</u></b>	<b><u>B60L 50 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 401 /-</u></b>	2018204225	2019203076
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<b><u>B01J 21 /-</u></b>	<b><u>B60T 7 /-</u></b>	<b><u>C04B 35 /-</u></b>	2015345035	2019203625	2018239785
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<b><u>B01J 23 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>C05G 3 /-</u></b>	2018214014	2015210750	<b><u>C09J 183 /-</u></b>
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<b><u>B01J 29 /-</u></b>	<b><u>B61C 3 /-</u></b>	2016374791	2016324121	2015279212	<b><u>C09J 4 /-</u></b>
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<b><u>B03D 1 /-</u></b>	<b><u>B61C 9 /-</u></b>	2018233329	2018214014	2019200294	<b><u>C09K 5 /-</u></b>
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<b><u>B09B 3 /-</u></b>	<b><u>B62D 53 /-</u></b>	2018233329	2016284942	2016325378	<b><u>C09K 5 /-</u></b>
2018247238	2017338265	2019203076	2016289746	2016328916	2019204612
<b><u>B23K 101 /-</u></b>	<b><u>B62L 3 /-</u></b>	<b><u>C07C 279 /-</u></b>	2016323254	<b><u>C08B 37 /-</u></b>	2016301235
2015365363	2019210168	<b><u>C07C 407 /-</u></b>	2018214014	<b><u>C08F 220 /-</u></b>	<b><u>C10G 70 /-</u></b>
		2018260977	<b><u>C07D 417 /-</u></b>	2015369929	2015397171
		<b><u>C07C 409 /-</u></b>	2016284942	<b><u>C08F 251 /-</u></b>	<b><u>C10L 3 /-</u></b>
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			2017374460	<b><u>C08G 77 /-</u></b>	<b><u>C10M 101 /-</u></b>
			<b><u>C07D 419 /-</u></b>		2017380280

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<b>C10M 105 /-</b>	<b>C22B 1 /-</b>	2019236731		2019205006	2019201100
2019204612	2017276325		<b>F16M 11 /-</b>		
<b>C10M 107 /-</b>	<b>C23F 11 /-</b>	2015333550	2019202015	<b>G01N 3 /-</b>	<b>G06F 7 /-</b>
2019204612	2015374542		<b>F16M 13 /-</b>	2017296469	2015342816
<b>C10M 129 /-</b>	<b>D04B 1 /-</b>	2015333550	2019202015	<b>G01N 33 /-</b>	<b>G06F 8 /-</b>
2019204612	2015308053		<b>F16N 11 /-</b>	2014348333	2019201100
<b>C10M 133 /-</b>	<b>D04B 21 /-</b>	2015264836	2017338265	2015344858	<b>G06F 9 /-</b>
2019204612	2015308053		<b>F21S 8 /-</b>	2017311519	
<b>C10M 169 /-</b>	<b>D04H 1 /-</b>	2015264825	2018264048	2018247219	2017377034
2019204612	2018250403		<b>F21V 29 /-</b>	<b>G01N 35 /-</b>	<b>G06K 19 /-</b>
<b>C10N 30 /-</b>	<b>D06F 39 /-</b>	2015264825	2018264048	2018271357	2015313561
2019204612	2016223373	2015264836	<b>F21V 5 /-</b>	<b>G01S 13 /-</b>	<b>G06K 7 /-</b>
<b>C10N 40 /-</b>	<b>D06F 58 /-</b>	2016297438	2018264048	2016222300	2015250629
2019204612	2016223373		<b>F21V 8 /-</b>	<b>G01S 19 /-</b>	2015313561
<b>C11B 1 /-</b>	2016320407	<b>E21B 33 /-</b>	2018264048	2016222300	<b>G06K 9 /-</b>
2018267577	2016320407	<b>E21B 43 /-</b>	2018271393	2016331625	2016342028
<b>C11D 1 /-</b>	2015346292	2015397171	<b>F24F 11 /-</b>	<b>G02B 21 /-</b>	2019203928
2015319467	<b>D06M 11 /-</b>	2016301235	2018397915	2019240594	<b>G06N 20 /-</b>
2019201197	2015346292	2017438059	<b>F24F 110 /-</b>	<b>G02B 27 /-</b>	2018233049
<b>C11D 17 /-</b>	<b>D21H 21 /-</b>	2015302416	2018397915	2018271393	<b>G06N 5 /-</b>
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2016243825		<b>E21F 15 /-</b>	<b>F24F 120 /-</b>	<b>G02B 5 /-</b>	<b>G06Q 20 /-</b>
<b>C11D 3 /-</b>	<b>E01C 5 /-</b>	2017410432	2018397915	2019216674	2014256396
2015319467	2016235980	<b>F01D 15 /-</b>	<b>F25B 1 /-</b>	<b>G02C 1 /-</b>	2017248999
2019201197	<b>E01C 9 /-</b>	2017386955	2019204612	2015370807	2018289629
<b>C11D 7 /-</b>	2016235980	<b>F01N 3 /-</b>	<b>G01B 11 /-</b>	<b>G02C 5 /-</b>	<b>G06Q 30 /-</b>
2019201197	<b>E02D 17 /-</b>	2018308960	2015203435	2020202945	2015222795
<b>C12N 15 /-</b>	2017314741	<b>F02C 1 /-</b>	<b>G01B 9 /-</b>	<b>G05B 19 /-</b>	<b>G06Q 50 /-</b>
2014351482	<b>E02D 3 /-</b>	2017386955	2015203435	2015390843	2015342719
2018204225	2017410432	<b>F02G 1 /-</b>	<b>G01C 21 /-</b>	2016209597	2018222989
2018204794		2017386955	<b>G01G 19 /-</b>	<b>G05D 1 /-</b>	<b>G07B 15 /-</b>
2018220068	<b>E02F 3 /-</b>	2017386955	2014415545	2019204212	2015349057
<b>C12N 5 /-</b>	2016200042	<b>F16C 33 /-</b>	2014415546	<b>G06F 15 /-</b>	<b>G07F 17 /-</b>
2018247219	2019201394	2018285867	<b>G01J 3 /-</b>	2015342719	2016201018
<b>C12N 9 /-</b>	<b>E02F 9 /-</b>	<b>F16H 3 /-</b>	2016343295	<b>G06F 16 /-</b>	<b>G08B 23 /-</b>
2018220068	2014415545	2016232290	<b>G01M 3 /-</b>	2019202425	2019201394
2018267577	2014415546	<b>F16L 21 /-</b>	2016320407	<b>G06F 21 /-</b>	<b>G16H 10 /-</b>
<b>C12P 15 /-</b>	2016200042	2016310634	<b>G01N 21 /-</b>	2016274532	2018233049
2018220068	2019201394	<b>F16L 25 /-</b>	2019205006	2018349940	<b>G16H 40 /-</b>
<b>C12Q 1 /-</b>	<b>E04B 2 /-</b>	2016310634	<b>G01N 25 /-</b>	2019202425	2018222989
2014286237	2015264836	<b>E04F 11 /-</b>		2019204708	<b>G16H 50 /-</b>
				2019229930	2018233049
				<b>G06F 3 /-</b>	
				2015309688	

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<b><u>H01F 38 /-</u></b>		<b><u>H04W 92 /-</u></b>
2015302418		2017390902
<b><u>H01G 11 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2017424224	2016225854	<b><u>H05B 6 /-</u></b>
	2016335987	2015317186
	2017298468	
	2018282294	
<b><u>H01H 43 /-</u></b>	<b><u>H04L 27 /-</u></b>	
2016309961	2017390902	
<b><u>H01L 31 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2017422421	2017298468	
<b><u>H01Q 1 /-</u></b>	<b><u>H04L 5 /-</u></b>	
2015250629	2017240370	
<b><u>H01Q 21 /-</u></b>	<b><u>H04M 3 /-</u></b>	
2018267755	2017298468	
	2018282294	
<b><u>H01R 13 /-</u></b>	<b><u>H04N 1 /-</u></b>	
2019222961	2019229930	
<b><u>H01R 24 /-</u></b>	<b><u>H04N 13 /-</u></b>	
2019222961	2020200331	
<b><u>H02J 3 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2017372665	2020200331	
<b><u>H02J 5 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2017211647	2016225854	
<b><u>H02J 50 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2017211647	2017392727	
<b><u>H02J 7 /-</u></b>	<b><u>H04R 25 /-</u></b>	
2017211647	2016247122	
2019204111		
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2017372665	2017390902	
<b><u>H02M 7 /-</u></b>	<b><u>H04W 24 /-</u></b>	
2017372665	2017390902	
<b><u>H03F 1 /-</u></b>	<b><u>H04W 36 /-</u></b>	
2019365566	2017390902	
<b><u>H03F 3 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2019365566	2016335987	
	2019283991	
<b><u>H03K 17 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2016309961	2015414030	
<b><u>H03M 13 /-</u></b>	2017390902	
2016388920	2018203707	
<b><u>H04L 1 /-</u></b>	<b><u>H04W 88 /-</u></b>	
2017240370	2017390902	

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**Name Index**

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

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 (21) 2020100722 (22) 07.05.2020  
 (54) Devices, methods, and graphical user interfaces for displaying an affordance on a background  
 (51) Int. Cl.  
*G06F 3/0481* ( 2013.01 )  
 (45) 20.08.2020  
 (62) 2020100060  
 (72) WAN, Wan Si; KARUNAMUNI, Chanaka G.; ALONSO RUIZ, Marcos; CIECHANOWSKI, Bartosz; NIELSEN, Benjamin E.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Hannay Douglas Pty Ltd  
 (11) AU-B-2020100322  
 (21) 2020100322 (22) 04.03.2020  
 (54) VAPOUR HEAT TREATMENT APPARATUS AND METHOD  
 (51) Int. Cl.  
*A23B 7/005* ( 2006.01 )  
*A23L 3/10* ( 2006.01 )  
*B65B 55/14* ( 2006.01 )  
 (31) 2020900151 (32) 20.01.20 (33) AU  
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 (72) SCOTT, Alastair  
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(71) Hurst, M.  
 (11) AU-B-2020100272  
 (21) 2020100272 (22) 25.02.2020  
 (54) Twist resistant roof structure  
 (51) Int. Cl.  
*E04D 13/16* ( 2006.01 )  
 (45) 20.08.2020  
 (62) 2016202581,2019100456  
 (72) Hurst, Mario  
 (74) Spruson & Ferguson

**Numerical Index**

**2020100272** Hurst, M.  
**2020100322** Hannay Douglas Pty Ltd  
**2020100722** Apple Inc.

IPC Index

**A23B 7 /-**

2020100322

**A23L 3 /-**

2020100322

**B65B 55 /-**

2020100322

**E04D 13 /-**

2020100272

**G06F 3 /-**

2020100722

**Patents Granted**

**Standard Patents**

2014224042	2014224104	2014271193	2014288484
2014318712	2014345539	2014346415	2014346996
2014351611	2014363454	2014365836	2014401664
2015200162	2015210862	2015213778	2015214665
2015220950	2015231413	2015234349	2015240897
2015247382	2015256153	2015259228	2015261786
2015262889	2015269090	2015273060	2015274582
2015279941	2015284328	2015287440	2015289853
2015294096	2015305214	2015305311	2015305611
2015305694	2015315014	2015321601	2015323713
2015327817	2015329778	2015333591	2015335607
2015336150	2015343012	2015355119	2015360514
2015361260	2015367921	2015370701	2015371376
2015371457	2015380301	2015390015	2015406100
2016205029	2016221634	2016226026	2016226060
2016227774	2016235568	2016243659	2016244934
2016245325	2016250199	2016254661	2016254672
2016254958	2016258317	2016258589	2016264856
2016271473	2016272544	2016273127	2016278150
2016278867	2016282591	2016284025	2016307870
2016318235	2016325438	2016328365	2016330932
2016352060	2016353539	2016359230	2016378890
2016390979	2016426958	2017202864	2017234493
2017237772	2017264777	2017273983	2017286449
2017295578	2017296119	2017296468	2017301112
2017306061	2017315863	2017321016	2017324747
2017334471	2017344367	2017355153	2017362952
2017368035	2017369101	2017369104	2017372772
2017373784	2017378712	2017386420	2017387019
2017387027	2017390700	2018202968	2018202978
2018202990	2018203308	2018203548	2018204337
2018219663	2018219981	2018226425	2018232919
2018236771	2018236824	2018247329	2018255934
2018255983	2018257012	2018260951	2018260955
2018271245	2018275277	2018324670	2019200087
2019200150	2019200975	2019201001	2019201682
2019201821	2019203370	2019210587	2019222965
2019268124			

**Innovation Patents**

2017101886	2019101741	2020100763	2020100833
2020100957	2020100965	2020100989	2020101109
2020101264	2020101269	2020101282	2020101284
2020101285	2020101287	2020101299	2020101304
2020101308	2020101309	2020101310	2020101311
2020101312	2020101313	2020101314	2020101316
2020101317	2020101318	2020101319	2020101320
2020101321	2020101322	2020101323	2020101324
2020101325	2020101326	2020101328	2020101329
2020101330	2020101331	2020101332	2020101333
2020101334	2020101335	2020101336	2020101337
2020101338	2020101339	2020101340	2020101341
2020101342	2020101343	2020101344	2020101345
2020101346	2020101347	2020101348	2020101349
2020101350	2020101351	2020101352	2020101353
2020101354	2020101355	2020101356	2020101357
2020101358	2020101359	2020101360	2020101361
2020101362	2020101363	2020101364	2020101365
2020101366	2020101367	2020101368	2020101369
2020101373	2020101374	2020101375	2020101377
2020101378	2020101379	2020101380	2020101381
2020101383	2020101384	2020101385	2020101386
2020101387	2020101389	2020101390	2020101391
2020101392	2020101393	2020101394	2020101395
2020101396	2020101398	2020101399	2020101400
2020101402	2020101404	2020101405	2020101406
2020101407	2020101408	2020101409	2020101410

**Patents Granted**

**Innovation Patents**

2020101411	2020101413	2020101414	2020101415
2020101416	2020101417	2020101418	2020101420
2020101421	2020101422	2020101423	2020101424
2020101426	2020101427	2020101429	2020101430
2020101431			

**Revocation**

It is hereby notified that as a consequence of a decision by the Commissioner dated 01.05.2020, Patent 2018102114 in the name of **Smith, G.** has been revoked in relation to Patent Revoked under Section 101F(1) of the Patents Act.

**Assignments Registered**

2001292040 GE Healthcare UK Limited The patent has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD**

2002317958 GE Healthcare UK Limited The patent has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS GERMANY GMBH**

2005231107 Whatman, Inc. The patent has been assigned to **Global Life Sciences Solutions USA LLC**

2005257715 Redsense Medical Malta Ltd The patent has been assigned to **REDSENSE MEDICAL AB**

2007249031 Fast Forward Pharmaceuticals B.V. The patent has been assigned to **Diabetes-Free, Inc.**

2007305733 Gentherm Incorporated The patent has been assigned to **Sleep Number Corporation**

2008273002 Sunesis Pharmaceuticals, Inc.; Millennium Pharmaceuticals, Inc. The patent has been assigned to **DOT Therapeutics-1, Inc.; Sunesis Pharmaceuticals, Inc.**

2008298987 The Medicines Company The patent has been assigned to **Melinta Therapeutics, Inc.**

2008309880 Marina Biotech, Inc. The patent has been assigned to **BioNTech Delivery Technologies GmbH**

2009214020 Vernix Pharma A/S The patent has been assigned to **Karo Pharma Aktiebolag**

2009247762 Iron Therapeutics Holdings AG The patent has been assigned to **Shield TX (UK) Limited**

2009256212 PATEL, G The patent has been assigned to **JP Laboratories Inc.**

2009285564 The Medicines Company The patent has been assigned to **Melinta Therapeutics, Inc.**

2010245097 The Medicines Company The patent has been assigned to **Melinta Therapeutics, Inc.**

2010270337 Marina Biotech, Inc. The patent has been assigned to **BioNTech Delivery Technologies GmbH**

2010342184 Sun Patent Trust The patent has been assigned to **Tianma Micro-electronics Co., Ltd.**

2011305899 LifeScan, Inc. The patent has been assigned to **LifeScan IP Holdings, LLC**

2012210337 Iron Therapeutics Holdings AG The patent has been assigned to **Shield TX (UK) Limited**

2012219482 GE Healthcare UK Limited The patent has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD**

**Assignments Registered**

2012219490 GE Healthcare UK Limited The patent has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD**

2012262674 The University of Sydney The patent has been assigned to **Allegra Orthopaedics Limited**

2013202360 The Medicines Company The patent has been assigned to **Melinta Therapeutics, Inc.**

2013205908 CNZ MATE AUSTRALIA PTY LTD The patent has been assigned to **LTJ Innovations Pty Ltd**

2013236987 Vastech Holdings Ltd. The patent has been assigned to **Intel-litech Pty Ltd**

2013302495 Sprout Denmark APS The patent has been assigned to **Sprout IP ApS**

2013323596 Advanced Accelerator Applications International The patent has been assigned to **Advanced Accelerator Applications International SA**

2014201092 Gentherm Incorporated The patent has been assigned to **Sleep Number Corporation**

2014202827 Sun Patent Trust The patent has been assigned to **Tianma Micro-electronics Co., Ltd.**

2014202829 Sun Patent Trust The patent has been assigned to **Tianma Micro-electronics Co., Ltd.**

2014212155 Cristal Inorganic Chemicals Switzerland Ltd The patent has been assigned to **Tronox LLC**

2014213897 GE Healthcare UK Limited The patent has been assigned to **GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD**

2014233758 Vastech Holdings Ltd. The patent has been assigned to **Intel-litech Pty Ltd**

2014236657 Virident Systems, LLC The patent has been assigned to **Western Digital Technologies, Inc.**

2014236820 Tolero Pharmaceuticals, Inc. The patent has been assigned to **Sumitomo Dainippon Pharma Oncology, Inc.**

2014240370 Marina Biotech, Inc. The patent has been assigned to **BioNTech Delivery Technologies GmbH**

2014259506 Lonza Ltd The patent has been assigned to **Lonza Solutions AG**

2014301021 Lonza Ltd The patent has been assigned to **Lonza Solutions AG**

2014360359 Spinal Elements, Inc The patent has been assigned to **Spinal Elements, Inc.**

2015204192 Iron Therapeutics Holdings AG The patent has been assigned to **Shield TX (UK) Limited**

2015328357 Scott Technologies, Inc. The patent has been assigned to **Municipal Energy Services, Inc**

2016216588 Pelican Products, Inc. The patent has been assigned to **Case-Mate, Inc.**

2016228954 Kendrick, Ryan The patent has been assigned to **PosturePals Pty Ltd.**

2016255045 Intercept Pharmaceuticals, Inc.; Sumitomo Dainippon Pharma Co., Ltd. The patent has been assigned to **Intercept Pharmaceuticals, Inc.**

**Assignments Registered**

2016314390 Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences The patent has been assigned to **CAS Center of Excellence in Molecular Plant Sciences**

2016380736 Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences The patent has been assigned to **CAS Center of Excellence in Molecular Plant Sciences**

2017265092 PATEL, G N The patent has been assigned to **JP Laboratories Inc.**

2018204513 Advanced Accelerator Applications International The patent has been assigned to **Advanced Accelerator Applications International SA**

2020100846 Shanghai Jointauto New Materials Co., Ltd The patent has been assigned to **CHUANGHONG MOTOR CO., LTD**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2000020313 **UCB PHARMA S.A.**

The earliest first regulatory approval date provided by the patentee 01 Jul 2019

For the goods Evenity romosozumab

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018200239 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

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

**Extensions granted**

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

2012346133 **Helsinn Healthcare SA**

The earliest first regulatory approval date provided by the patentee 13 Mar 2020

For the goods AKYNZEO IV fosnetupitant (as chloride hydrochloride)/palonosetron (as hydrochloride)

Extension of Term of patent pursuant to Section 77 expires on 13 Mar 2035

**Corrigenda**

In Vol 34 , No 27 , Page(s) 3809 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Jemella Limited, Application No. 2018390382, Under INID (72) add co-inventor WILLIAMSON, Roger

In Vol 34 , No 29 , Page(s) 4162 under the heading **Applications Accepted - Name Index** Delete all reference to 2018202205.

In Vol 34 , No 32 , Page(s) 4503 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name



**Corrigenda**

Alden Advanced Technologies, Inc., Application No. 2018409789, under INID (72) correct the co-inventor to ALDEN, M.D., Dmitri

**Specifications Republished**

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

2016204358    **DePuy Synthes Products, Inc.**  
2017346590    **Netflix, Inc.**