



**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.

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 2 January 2020**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Cantarella Bros Pty Ltd v Koninklijke Douwe Egberts B.V. [2019] APO 56***

Patent Application: 2009347084

Title: System, Method and Capsule for Preparing a Beverage

Patent Applicant: Koninklijke Douwe Egberts B.V.

Opponent: Cantarella Bros Pty Ltd

Delegate: M. G. Kraefft

Decision Date: 17 December 2019

Hearing Date: Written submissions completed on 6 November 2019.

Catchwords: **PATENTS** – opposition under section 104 – allowability of amendments under section 102 – consideration of “as a result of the amendment” – whether claiming matter in substance disclosed in specification as filed – whether claims are fairly based – whether claims are clear – opposition unsuccessful on all points raised – proposed amendments allowable.

Representation: Patent attorney for the applicant: Davies Collison Cave  
Patent attorney for the opponent: FPA Patent Attorneys

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 10 Dec 2019 .

(71) : Cryogenics Holdings Pty Ltd (21) 2019904605 (22) 05.12.2019 (54) Method and apparatus for preservation of biological material	(71) Ambetex Pty Ltd (21) 2019904684 (22) 11.12.2019 (54) Composition and methods for prevention and treatment of cardiovascular disease.	(71) Beitmanas, S. (21) 2019904674 (22) 10.12.2019 (54) Shielding Structure
(71) 4ize Pty Ltd (21) 2019904642 (22) 09.12.2019 (54) Portable sight testing apparatus	(71) Ambetex Pty Ltd (21) 2019904685 (22) 11.12.2019 (54) Compositions and methods for prevention and treatment of cardiovascular disease.	(71) Bevworx Pty Ltd (21) 2019904666 (22) 10.12.2019 (54) A Vessel and Keg Assembly for Storing and Dispensing Beverages
(71) A & J AUSTRALIA PTY LTD (21) 2019904692 (22) 11.12.2019 (54) MULTI-HOLD CONTAINER	(71) Ambetex Pty Ltd (21) 2019904686 (22) 11.12.2019 (54) Compositions and methods for prevention and treatment of cardiovascular disease.	<b>Biocellular Therapeutics Pty Ltd see Stevenson, R.</b> (21) 2019904660
(71) A & J AUSTRALIA PTY LTD (21) 2019904693 (22) 11.12.2019 (54) EASY ACCESS SAFETY CONTAINER	(71) ANUKAM, C. (21) 2019904672 (22) 10.12.2019 (54) SHOPBUDDY: INNOVATIVE PRODUCTS ARRANGEMENT AND LISTING FOR SUPERMARKETS / EASY PRODUCT FINDING FOR CUSTOMERS/SHOPPERS THROUGH A MOBILE IOS/ANDROID APPLICATION WITH BOTH MANUAL AND VOICE SEARCH FUNCTIONS WHICH ENABLE SHOPPERS TO FIND SPECIFIC ITEM LOCATIONS AT SUPERMARKETS WITHOUT WALKING AROUND LOOKING FOR THEM.	(71) Bolack, R. (21) 2019904701 (22) 12.12.2019 (54) Spine Orthotic System including Chair-based, Treatment Table-based and Floor-based positioning systems and singular Spine Orthotics used without a positioning system.
(71) Abeshouse, G. (21) 2019904610 (22) 05.12.2019 (54) Anti-inflammatory compositions	(71) Baterna, D.J. (21) 2019904640 (22) 09.12.2019 (54) This invention relates to a cooking appliance, such as a barbecue grill (or "barbecue"). It has been developed primarily to provide improved cooking versatility in charcoal-type barbecues, as well as convenient portability, height adjustability, accessibility and cleaning for users.	(71) Boutros, P.; Harb, S. (21) 2019904671 (22) 10.12.2019 (54) Butt Bank - Cigarette butt extinguishing & containment unit for attachment to cigarette packet.
(71) Akvotek Pty Ltd (21) 2019904657 (22) 09.12.2019 (54) WATER RECOVERY AND RECYCLING IN SUSPENSION AND EMULSION POLYMERISATION	(71) Cannvalate Pty Ltd (21) 2019904679 (22) 11.12.2019 (54) A method of treatment	(71) Bradken Resources Pty Limited (21) 2019904656 (22) 09.12.2019 (54) MILL SENSOR AND METHOD OF MONITORING A MILL
(71) Ambetex Pty Ltd (21) 2019904682 (22) 11.12.2019 (54) Compositions and methods for prevention and treatment of cardiovascular disease.		(71) Brodzeli, Z. (21) 2019904625 (22) 06.12.2019 (54) Optical Spectrum Analyser (OSA) This invention has been especially designed in order to provide a low cost and easy to manufacture miniturised Optical Spectrum Analyser (OSA).
(71) Ambetex Pty Ltd (21) 2019904683 (22) 11.12.2019 (54) Compositions and methods for prevention and treatment of cardiovascular disease.		

Provisional Applications Filed - Name Index cont'd

<p>(71) Carta Pty Ltd (21) 2019904699 (22) 12.12.2019 (54) System and method for managing cryptocurrency</p>	<p>(71) Croft Infrastructure Designs Pty Ltd (21) 2019904676 (22) 10.12.2019 (54) Alternative to the Airport Link tunnel</p>	<p>(71) Elecit Pty Ltd (21) 2019904707 (22) 12.12.2019 (54) SHIELDING DEVICE FOR ELECTRICAL WIRING, CABLING, PIPES AND THE LIKE</p>
<p>(71) Coates Hire Operations Pty Ltd (21) 2019904678 (22) 10.12.2019 (54) A shoring prop and components therefor</p>	<p>(71) de Geeter, P. (21) 2019904636 (22) 08.12.2019 (54) Using uncut loopmatting and a 'train' of casting moulds during the fabrication of concrete block mattresses</p>	<p>(71) ETP ION DETECT PTY LTD (21) 2019904658 (22) 09.12.2019 (54) IMPROVEMENTS IN INSTRUMENTS COMPRISING AN ELECTRON MULTIPLIER</p>
<p>(71) Colorado Conveyors LLC (21) 2019904629 (22) 06.12.2019 (54) CONVEYOR COMPONENT MONITORING</p>	<p><b>DELPART, D. see DELPORT, P.</b> (21) 2019904617</p>	<p>(71) Fitzmaurice, A. (21) 2019904607 (22) 05.12.2019 (54) Pre-Processing of sugar cane</p>
<p>(71) Colorado Conveyors LLC (21) 2019904631 (22) 06.12.2019 (54) CONVEYOR COMPONENT MONITORING</p>	<p>(71) DELPORT, P.; DELPORT, D. (21) 2019904617 (22) 05.12.2019 (54) Atmospheric Lapse Rate Heat Sink Device</p>	<p>(71) Garvan Institute of Medical Research (21) 2019904646 (22) 09.12.2019 (54) IMPROVED BINDING PROTEINS AND USES THEREOF</p>
<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019904611 (22) 05.12.2019 (54) Salient object detection for artificial vision</p>	<p>(71) DendroCyte BioTech Pty Ltd (21) 2019904614 (22) 05.12.2019 (54) Antigen Loading</p>	<p>(71) Gehrig, A.; Oakley, M. (21) 2019904696 (22) 11.12.2019 (54) Hairdressing tool and method of using same</p>
<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019904612 (22) 05.12.2019 (54) Runtime-optimised artificial vision</p>	<p>(71) Donmez, H. (21) 2019904662 (22) 07.12.2019 (54) Smoke No More</p>	<p>(71) Gia's Innovations Pty Ltd (21) 2019904673 (22) 10.12.2019 (54) Animal Support</p>
<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019904702 (22) 12.12.2019 (54) Improved method for preparing N-(benzenesulfonyl)-L-prolyl-L-O-(1-pyrrolidinylcarbonyl)tyrosine</p>	<p>(71) DOT DESIGN GROUP PTY LTD (21) 2019904712 (22) 12.12.2019 (54) 73mm Badge Holder</p>	<p>(71) GJW Enterprises Pty Ltd (21) 2019904648 (22) 09.12.2019 (54) A CAPSULE CLOSURE DEVICE AND METHOD</p>
<p>(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2019904669 (22) 10.12.2019 (54) AN INTERNMODAL CONTAINER AND METHOD OF LOADING BULK MATERIAL</p>	<p>(71) DOT DESIGN GROUP PTY LTD (21) 2019904713 (22) 12.12.2019 (54) 82mm Badge Holder</p>	<p>(71) Great Southern Motor Company Pty Ltd (21) 2019904639 (22) 09.12.2019 (54) Heat exchange motor apparatus</p>
<p>(71) Conveyor Innovations Pty Ltd (21) 2019904715 (22) 12.12.2019 (54) A CONVEYOR IDLER ROLLER FOR A TRANSPORT CONVEYOR</p>	<p>(71) DOT DESIGN GROUP PTY LTD (21) 2019904714 (22) 12.12.2019 (54) Tap Card Decal Holder</p>	<p>(71) GRETALS AUSTRALIA PTY LTD (21) 2019904626 (22) 06.12.2019 (54) NEUROLOGICALLY ACTIVE COMPOSITIONS AND METHODS OF USE THEREOF</p>
<p>(71) Cool Mount Designs Pty Limited (21) 2019904665 (22) 10.12.2019 (54) MOUNT ASSEMBLY</p>	<p>(71) Dowling, K. (21) 2019904644 (22) 09.12.2019 (54) Improved apparatus to generate work or energy</p>	<p><b>Harb, S. see Boutros, P.</b> (21) 2019904671</p>
<p>(71) Craig, T. (21) 2019904680 (22) 11.12.2019 (54) An improved toy hauler trailer</p>	<p>(71) Dowling, K. (21) 2019904649 (22) 09.12.2019 (54) Apparatus to generate work or energy</p>	<p>(71) harris, r. (21) 2019904638 (22) 08.12.2019 (54) Automatic, compact, remote controlled swing gate controller.</p>
	<p>(71) Dunne, W. (21) 2019904622 (22) 06.12.2019 (54) IMPROVED POOL SCOOP</p>	<p>(71) Hepworth, A. (21) 2019904602 (22) 05.12.2019 (54) LAMP SHIELD</p>

Provisional Applications Filed - Name Index cont'd

(71) Imagine Intelligent Materials Limited  
(21) 2019904652 (22) 09.12.2019  
(54) PIEZORESPONSIVE FIBRE-REINFORCED POLYMER COMPOSITE

(71) Inglis, J.; Kennan, I.  
(21) 2019904635 (22) 08.12.2019  
(54) LOCK AND AUDIO SYSTEM

(71) Inventia Life Science Pty Ltd  
(21) 2019904627 (22) 06.12.2019  
(54) Bioprinting system

(71) Johnson, C.  
(21) 2019904618 (22) 05.12.2019  
(54) Double Side Threaded Bottle with Re-Usable Twist Release Supplement Compartment

(71) Kaplan, D.  
(21) 2019904709 (22) 12.12.2019  
(54) FITTED SHEET OR MATTRESS PROTECTOR

**Kennan, I. see Inglis, J.**  
(21) 2019904635

(71) Lionsgate Industries Pty Ltd  
(21) 2019904621 (22) 06.12.2019  
(54) Apparatus & System for Pumped Hydroelectric Energy Storage

(71) Livesense Pty Ltd  
(21) 2019904690 (22) 11.12.2019  
(54) SYSTEM, METHOD AND APPARATUS FOR AUTOMATED RECORDAL OF PARAMETERS

(71) Liyanaratchi, R.  
(21) 2019904663 (22) 07.12.2019  
(54) Taxi Passenger and Driver Safety

(71) Luoda Pharma Pty Limited  
(21) 2019904703 (22) 12.12.2019  
(54) Methods for the Synthesis of C3-OH Steroids and Derivatives Thereof

(71) M & K Ashby Pty Ltd  
(21) 2019904664 (22) 10.12.2019  
(54) Improved Hanging Rail

(71) Marks, S.  
(21) 2019904630 (22) 06.12.2019  
(54) Support

(71) Mohankumar, B.  
(21) 2019904697 (22) 11.12.2019  
(54) Scam / Fraud proofing credit cards, during once off purchases online or over

the phone: One-time use credit card number generated by the User while logged in to their account on a computer or through a phone app, with specific and restricted transaction amount.

(71) Monash University  
(21) 2019904620 (22) 06.12.2019  
(54) A coke substitute and a method of producing same

(71) Montesalvo, A.  
(21) 2019904643 (22) 09.12.2019  
(54) Retaining wall

(71) nalesnyik, I.  
(21) 2019904691 (22) 11.12.2019  
(54) PUTTCHAMP PRO

(71) Nucleotrace Pty. Ltd.  
(21) 2019904623 (22) 06.12.2019  
(54) ENHANCED POLYNUCLEOTIDE TAGS

**Oakley, M. see Gehrig, A.**  
(21) 2019904696

(71) Owen, D.  
(21) 2019904606 (22) 05.12.2019  
(54) A connection point assembly for a patient lifter spreader bar with a visual indicator indicative of a latch position thereof

(71) P & D Technology Holdings Pty. Ltd.  
(21) 2019904708 (22) 12.12.2019  
(54) A ROTOR FOR A BRUSHLESS ELECTRIC MOTOR

(71) PATIL, N.  
(21) 2019904633 (22) 06.12.2019  
(54) Apparatus and method of installation of apparatus to move the building module

(71) Patzold, C.  
(21) 2019904615 (22) 05.12.2019  
(54) A fin retention system for a surf craft

(71) Plasmaleap Technologies Ltd.  
(21) 2019904694 (22) 11.12.2019  
(54) PLASMA WATER TREATMENT

(71) Raman, A.  
(21) 2019904681 (22) 11.12.2019  
(54) Invention Title : Ramana power cycle  
Descriptive name of the invention :  
Power cycle to generate a base load (24 x 7) power using fossil fuel with least or Zero CO2 emission.

(71) Redfig Consulting Pty Ltd  
(21) 2019904689 (22) 11.12.2019  
(54) Network Traffic Identification Device

(71) Refai, A.  
(21) 2019904641 (22) 09.12.2019  
(54) Plug Protector

**ResMed Asia Pte Ltd see RESMED LIMITED**  
(21) 2019904687

(71) RESMED LIMITED; ResMed Asia Pte Ltd  
(21) 2019904687 (22) 11.12.2019  
(54) Methods and apparatus for operating a portable oxygen concentrator

(71) Robert Bosch (Australia) Pty Ltd  
(21) 2019904603 (22) 05.12.2019  
(54) A SYSTEM FOR SYNCHRONIZATION BETWEEN A PLURALITY OF NODES OVER A DIFFERENTIAL PAIR

(71) Saban Ventures Pty Limited  
(21) 2019904619 (22) 06.12.2019  
(54) Environmental decontamination

(71) Sadleir Laboratories Pty Ltd  
(21) 2019904695 (22) 11.12.2019  
(54) Medication Delivery System and Method

(71) ScalaMed Pty Ltd  
(21) 2019904624 (22) 06.12.2019  
(54) Method and apparatus for passive knowledge acquisition in a distributed system

(71) Sea Automotive Pty Ltd  
(21) 2019904667 (22) 10.12.2019  
(54) Power Pack

(71) Sfetsos, M.  
(21) 2019904628 (22) 06.12.2019  
(54) RAIN MAKING FOR EXTINGUISHING OF FIRES

**Shelley, D. see Shelley, A.**  
(21) 2019904661

**Shelley, M. see Shelley, A.**  
(21) 2019904661

**Shelley, D. see Shelley, A.**  
(21) 2019904661

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<p>(71) Shelley, A.; Shelley, D.; Shelley, M.; Shelley, D. (21) 2019904661 (22) 10.12.2019 (54) Process and apparatus for the manufacture of an aqueous solution of magnesium bicarbonate</p>	<p>whole or as shares in the whole. The platform leverages technologies like distributed ledger/blockchain and graph databases in a secure and trusted environment for transactions recording and identity management.</p>	<p>(71) Thompson, R. (21) 2019904704 (22) 12.12.2019 (54) PORTABLE TABLE</p>
<p>(71) Shipping Container Stands - Australia Pty Ltd (21) 2019904609 (22) 05.12.2019 (54) IMPROVEMENTS IN OR IN RELATION TO STANDS</p>	<p>(71) Technologies, Inc. (21) 2019904645 (22) 09.12.2019 (54) Digital device</p>	<p>(71) Thomson, D. (21) 2019904675 (22) 10.12.2019 (54) Drill bit</p>
<p>(71) Sibraa, A. (21) 2019904632 (22) 06.12.2019 (54) 1. Use geospatial technology to create real time virtual spatial boundary between the construction site and external actors (vehicles, pedestrians, cyclists, etc.), i.e. virtual traffic management plan. Using spatial awareness sensors on autonomous vehicles and traffic management devices and spatial boundary, manage interactions between actors, decreasing the need for traffic management personnel, spotters, traffic management devices (barriers, delimiters). 2. Using real time geospatial feed of devices deployed, provide real time audit of compliance with approved traffic management plan.</p>	<p>(71) Technologies, Inc. (21) 2019904647 (22) 09.12.2019 (54) Digital device</p>	<p>(71) Turbo Scaffolding Pty Ltd (21) 2019904608 (22) 05.12.2019 (54) A NUT FASTENER AND A FASTENING SYSTEM THEREFOR</p>
<p>(71) Smart Bowl Pty Ltd (21) 2019904710 (22) 12.12.2019 (54) A cleaning system for a concrete mixing drum or bowl</p>	<p>(71) Technologies, Inc. (21) 2019904651 (22) 09.12.2019 (54) Digital device</p>	<p>(71) VATER, L. (21) 2019904659 (22) 10.12.2019 (54) AN IMPROVED RAIL CLAMP</p>
<p>(71) Solac Drying Pty Ltd (21) 2019904698 (22) 12.12.2019 (54) System and method for dehydrating a drying kiln</p>	<p>(71) The Trustee for WILKINSON FAMILY TRUST (21) 2019904700 (22) 12.12.2019 (54) Closed Loop Transcutaneous Auricular Neurostimulator</p>	<p>(71) Vehicle Scanning Systems Pty Ltd (21) 2019904653 (22) 09.12.2019 (54) Vehicle inspection system</p>
<p>(71) Southern Green Gas Limited (21) 2019904668 (22) 10.12.2019 (54) A Gas Separation Apparatus</p>	<p>(71) The University of Adelaide (21) 2019904655 (22) 09.12.2019 (54) Device for Monitoring an Oxidative Stress and Methods Thereof</p>	<p>(71) Wooderson, K. (21) 2019904706 (22) 12.12.2019 (54) SYSTEM AND METHOD FOR IDENTIFYING SERIALISED ASSETS</p>
<p>(71) Spark, I. (21) 2019904634 (22) 07.12.2019 (54) Improved Articulated Vehicle</p>	<p>(71) The University of Melbourne (21) 2019904670 (22) 10.12.2019 (54) Electromagnetic Filter Device and Method of Use</p>	<p>(71) Woodside Energy Technologies Pty Ltd (21) 2019904677 (22) 10.12.2019 (54) AN ASSET VIRTUALISATION SYSTEM</p>
<p>(71) Stevenson, R.; Biocellular Therapeutics Pty Ltd (21) 2019904660 (22) 10.12.2019 (54) Treatment of Equine Exercise-Induced pulmonary Haemorrhage</p>	<p>(71) The University of Melbourne (21) 2019904711 (22) 12.12.2019 (54) Compounds and methods for the diagnosis, imaging and treatment of neurodegenerative diseases and disorders</p>	<p>(71) Workplace Access &amp; Safety Pty Ltd (21) 2019904604 (22) 05.12.2019 (54) Roof Anchor</p>
<p>(71) TECHNOBLOKS PTY LTD (21) 2019904637 (22) 08.12.2019 (54) A social network market place (platform) in which property/assets is sold and bought between participants as a</p>	<p>(71) The University of Newcastle (21) 2019904613 (22) 05.12.2019 (54) Method and system for real-time online music collaboration</p>	<p>(71) ZIRCON CHAMBERS PTY. LTD. (21) 2019904616 (22) 05.12.2019 (54) Vehicle Transport Tracking</p>
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	<p>(71) The University of Sydney (21) 2019904688 (22) 11.12.2019 (54) Biocompatible material and uses thereof</p>	
	<p>(71) The Walter and Eliza Hall Institute of Medical Research (21) 2019904705 (22) 12.12.2019 (54) Organoid Cultures</p>	

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2019904602	Hepworth, A.	2019904668	Southern Green Gas Limited
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2019904606	Owen, D.	2019904672	ANUKAM, C.
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2019904625	Brodzeli, Z.	2019904691	nalesnyik, I.
2019904626	GRETALS AUSTRALIA PTY LTD	2019904692	A & J AUSTRALIA PTY LTD
2019904627	Inventia Life Science Pty Ltd	2019904693	A & J AUSTRALIA PTY LTD
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2019904630	Marks, S.	2019904696	Gehrig, A.; Oakley, M.
2019904631	Colorado Conveyors LLC	2019904697	Mohankumar, B.
2019904632	Sibraa, A.	2019904698	Solac Drying Pty Ltd
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2019904636	de Geeter, P.	2019904702	Commonwealth Scientific and Industrial Research Organisation
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2019904639	Great Southern Motor Company Pty Ltd	2019904705	The Walter and Eliza Hall Institute of Medical Research
2019904640	Baterna, D.J.	2019904706	Wooderson, K.
2019904641	Refai, A.	2019904707	Elecit Pty Ltd
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2019904644	Dowling, K.	2019904710	Smart Bowl Pty Ltd
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2019904646	Garvan Institute of Medical Research	2019904712	DOT DESIGN GROUP PTY LTD
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2019904655	The University of Adelaide		
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2019904659	VATER, L.		
2019904660	Stevenson, R.; Biocellular Therapeutics Pty Ltd		
2019904661	Shelley, A.; Shelley, D.; Shelley, M.; Shelley, D.		
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2019904663	Liyanaratchi, R.		
2019904664	M & K Ashby Pty Ltd		
2019904665	Cool Mount Designs Pty Limited		
2019904666	Bevworx Pty Ltd		
2019904667	Sea Automotive Pty Ltd		



**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 10 Dec 2019 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) 10X Genomics, Inc. (21) 2019280002 (22) 11.12.2019 (54) METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES (62) 2013359165</p> <hr/> <p>(71) 3M Innovative Properties Company (21) 2019280098 (22) 13.12.2019 (54) Dressing comprising water resistant visual indicia</p> <hr/> <p>(71) 4C Medical Technologies, Inc. (21) 2019280018 (22) 12.12.2019 (54) Systems, methods and devices for delivery systems, methods and devices for implanting prosthetic heart valves (62) 2018210336</p> <hr/> <p>(71) A. Finkl &amp; Sons Co. (21) 2019279905 (22) 09.12.2019 (54) Low Phosphorus, Zirconium Micro-Alloyed, Fracture Resistant Steel Alloys (31) 62/777,464 (32) 10.12.18 (33) US</p> <hr/> <p>(71) AbbVie Inc. (21) 2019275659 (22) 06.12.2019 (54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies (62) 2017258097</p> <hr/> <p>(71) Acoustic Knowledge, LLC (21) 2019279990 (22) 11.12.2019 (54) DIGITAL CAMERA WITH AUDIO, VISUAL AND MOTION ANALYSIS (62) 2017273462</p> <hr/> <p>(71) Action Sports Equipment Pty Ltd (21) 2019275644 (22) 06.12.2019 (54) Trampoline equipment and methods (62) 2017213240</p> <hr/> <p><b>ACTT TECNOLOGIA E TREINAMENTOS AMFG LTDA see DJM EMPREENDIMENTOS MINERAIS E CONSULTORIA EM ENGENHARIA LTDA</b> (21) 2019275674</p> <hr/> <p>(71) Adobe Inc. (21) 2019279917 (22) 09.12.2019</p>	<p>(54) SPATIALLY CONSISTENT INDOOR LIGHT ESTIMATION FOR AUGMENTED REALITY (31) 16/360,901 (32) 21.03.19 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019280047 (22) 12.12.2019 (54) CORRESPONDENCE NEURAL NETWORKS: A JOINT APPEARANCE AND MOTION REPRESENTATION FOR VIDEO (31) 16/274,481 (32) 13.02.19 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019283790 (22) 16.12.2019 (54) DYNAMIC BRUSH MODEL WITH A SINGLE RGB STAMP TEXTURE (31) 16/257,862 (32) 25.01.19 (33) US</p> <hr/> <p>(71) Aerovironment, Inc. (21) 2019275622 (22) 05.12.2019 (54) Mounting system for mechanical-shock resistant printed circuit board (PCB) (62) 2016232834</p> <hr/> <p>(71) Alder Biopharmaceuticals, Inc. (21) 2019279945 (22) 10.12.2019 (54) Regulation of glucose metabolism using anti-CGRP antibodies (62) 2014285052</p> <hr/> <p>(71) Amarula Pty Ltd (21) 2019280077 (22) 13.12.2019 (54) A spacer for positioning and supporting steel mesh (31) 2018904764 (32) 14.12.18 (33) AU</p> <hr/> <p>(71) Américo Coelho Relvas, Sucessores, S.A. (21) 2019280000 (22) 11.12.2019 (54) METALLIC SCREW CAP FOR BOTTLE (62) 2015212468</p> <hr/> <p>(71) AMF-Bruns GmbH &amp; Co. KG (21) 2019283763 (22) 16.12.2019 (54) RETRACTOR RESTRAINT SYSTEM, METHOD AND USE OF SAME, IN PARTICULAR FOR SECURING WHEELCHAIRS IN VEHICLES (31) 202018107283.8 (32) 19.12.18 (33) DE</p> <hr/> <p>(71) Amgen Inc. (21) 2019279961 (22) 11.12.2019</p>	<p>(54) Drug delivery system with temperature-sensitive control (62) 2014340174</p> <hr/> <p>(71) AMO Development, LLC (21) 2019280095 (22) 13.12.2019 (54) System and method for ophthalmic laser surgery employing eye tracking without eye docking (62) 2018203435</p> <hr/> <p>(71) AMOURIS, K. (21) 2019279965 (22) 11.12.2019 (54) SYSTEM AND METHOD FOR CONSUMER-BASED STORING, RETRIEVING AND TRANSMITTING OF PROMOTIONAL CONTENT TO OTHER CONSUMERS (62) 2018241192</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2019279960 (22) 10.12.2019 (54) TABLE GAME SYSTEM (62) 2017225030</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2019279975 (22) 11.12.2019 (54) SYSTEM FOR MANAGING PACKAGES OF SHUFFLED PLAYING CARDS (62) 2017265002</p> <hr/> <p>(71) Antecip Bioventures II LLC (21) 2019275593 (22) 04.12.2019 (54) COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN (62) 2019236614</p> <hr/> <p>(71) Apple Inc. (21) 2019280008 (22) 11.12.2019 (54) Synchronization and task delegation of a digital assistant (62) 2018256560</p> <hr/> <p>(71) Apple Inc. (21) 2019283776 (22) 16.12.2019 (54) Digital touch on live video (62) 2017291223</p>
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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019275635 (22) 05.12.2019  
 (54) GAMING SYSTEM WITH ELIMINATION FEATURE  
 (62) 2017210569

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019275667 (22) 06.12.2019  
 (54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC BONUS GAME  
 (62) 2018204238

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019275670 (22) 06.12.2019  
 (54) GAMING MACHINE HAVING SEPARATED FEATURE GAMES  
 (62) 2018204241

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019279930 (22) 09.12.2019  
 (54) GAMING MACHINE WITH PRIZE BUILDING FEATURE  
 (62) 2018203593

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019279947 (22) 10.12.2019  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (62) 2018204501

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019279993 (22) 11.12.2019  
 (54) A GAMING MACHINE  
 (62) 2018204323

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019279996 (22) 11.12.2019  
 (54) A GAMING MACHINE  
 (62) 2018204310

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019279999 (22) 11.12.2019  
 (54) A GAMING MACHINE  
 (62) 2018204312

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019280011 (22) 11.12.2019  
 (54) A GAMING SYSTEM WITH PROXIMITY BASED FUNDS TRANSFER  
 (31) 2019900280 (32) 31.01.19 (33) AU

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019280063 (22) 12.12.2019  
 (54) A GAMING SYSTEM AND METHOD OF GAMING  
 (62) 2017251713

(71) Array BioPharma Inc.  
 (21) 2019275599 (22) 04.12.2019  
 (54) Substituted pyrazolo[1,5-a]pyrimidine compounds as TRK kinase inhibitors  
 (62) 2017268517

(71) ASSA ABLOY New Zealand Limited  
 (21) 2019279980 (22) 11.12.2019  
 (54) WINDOW FASTENER  
 (31) 749283 (32) 13.12.18 (33) NZ

(71) ATF Services Pty Ltd  
 (21) 2019280052 (22) 12.12.2019  
 (54) Post assembly for an edge protection system  
 (31) 2018904814 (32) 18.12.18 (33) AU

(71) ATM Security Systems International Limited  
 (21) 2019279984 (22) 11.12.2019  
 (54) Cash spoiling system  
 (62) 2015228667

(71) Aurora Flight Sciences Corporation  
 (21) 2019279949 (22) 10.12.2019  
 (54) Battery switch with current control  
 (31) 16/283,092 (32) 22.02.19 (33) US

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 (21) 2019279974

(71) Australian Adjuvants Pty Ltd  
 (21) 2019280024 (22) 12.12.2019  
 (54) Composition for reducing water hardness and pH and enhancing the efficacy of agricultural chemicals  
 (31) 2018904836 (32) 19.12.18 (33) AU

(71) Autonomous Healthcare, Inc.  
 (21) 2019280053 (22) 12.12.2019  
 (54) HIERARCHICAL ADAPTIVE CLOSED-LOOP FLUID RESUSCITATION AND CARDIOVASCULAR DRUG ADMINISTRATION SYSTEM  
 (62) PCT/US2018/032369

(71) Avery Dennison Corporation; PPG Coatings Europe BV  
 (21) 2019275669 (22) 06.12.2019  
 (54) Self adhesive fouling release coating composition  
 (62) 2016212197

(71) Avigilon Analytics Corporation  
 (21) 2019275589 (22) 04.12.2019  
 (54) Self-provisioning access control  
 (62) 2014248457

**Baxalta GmbH see Baxalta Incorporated**  
 (21) 2019279943

(71) Baxalta Incorporated; Baxalta GmbH  
 (21) 2019279943 (22) 10.12.2019  
 (54) CELL CULTURE MEDIUM FOR ADAMTS PROTEIN EXPRESSION  
 (62) 2017261523

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 (21) 2019279913

(71) Baxter Healthcare SA; Baxter International Inc  
 (21) 2019279973 (22) 11.12.2019  
 (54) HOME MEDICAL DEVICE SYSTEMS AND METHODS FOR THERAPY PRESCRIPTION AND TRACKING, SERVICING AND INVENTORY  
 (62) 2018200722

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 (21) 2019279973

(71) Baxter International Inc.; Baxter Healthcare SA  
 (21) 2019279913 (22) 09.12.2019  
 (54) SYSTEM AND METHOD TO EFFICIENTLY CLEAN A BLOOD FILTER  
 (62) 2018236688

(71) Baylor College of Medicine  
 (21) 2019275678 (22) 09.12.2019  
 (54) TARGETING CD138 IN CANCER  
 (62) 2014225365

(71) Beckman Coulter, Inc.  
 (21) 2019280076 (22) 13.12.2019  
 (54) Polymer dye modification and applications  
 (31) 62/780,119 (32) 14.12.18 (33) US

(71) Becton, Dickinson and Company  
 (21) 2019275641 (22) 06.12.2019  
 (54) Blood sample management using open cell foam  
 (62) 2018256631

(71) Beiersdorf AG  
 (21) 2019279906 (22) 09.12.2019  
 (54) Sunscreen having reduced tendency to stain textiles II  
 (62) 2015252336

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<p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2019279920 (22) 09.12.2019 (54) Method and system for estimating time of arrival (62) 2017317611</p>	<p>(54) PRRSV minor protein-containing recombinant viral vectors and methods of making and use thereof (62) 2016282772</p>	<p>USE AND MANUFACTURING THEREOF (62) 2017248534</p>
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<p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2019279998 (22) 11.12.2019 (54) Systems and methods for providing information for an on-demand service (62) 2016208929</p>	<p>(71) Byford Equipment Pty Ltd (21) 2019279957 (22) 10.12.2019 (54) Refrigerated Tanker</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019275629 (22) 05.12.2019 (54) Object monitoring system (62) 2019213347</p>
<p>(71) Bemis Manufacturing Company (21) 2019280054 (22) 12.12.2019 (54) Shopping Cart (62) 2018203156</p>	<p>(71) Campbell, S. (21) 2019283772 (22) 16.12.2019 (54) A SURFBOARD</p>	<p>(71) CommScope Technologies LLC (21) 2019283786 (22) 16.12.2019 (54) Bitrate efficient transport through distributed antenna systems (62) 2015274498</p>
<p>(71) Berkeley Lights, Inc. (21) 2019275650 (22) 06.12.2019 (54) Microfluidic devices having isolation pens and methods of testing biological micro-objects with same (62) 2014340089</p>	<p>(71) Cardiff Group, Naamloze Vennootschap (21) 2019279921 (22) 09.12.2019 (54) Barrel for CO2-containing drinks and use thereof (62) 2016222292</p>	<p>(71) Concentric Ag Corporation (21) 2019275655 (22) 06.12.2019 (54) Microbial compositions and methods (62) 2015313924</p>
<p><b>BioNTech RNA Pharmaceuticals GmbH</b> <b>see TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH</b> (21) 2019275637</p>	<p>(71) CareFusion 303, Inc. (21) 2019275618 (22) 05.12.2019 (54) Managing medications at the bedside (62) 2015357521</p>	<p>(71) Corning Cable Systems LLC (21) 2019279919 (22) 09.12.2019 (54) FEMALE HARDENED OPTICAL CONNECTORS FOR USE WITH MALE PLUG CONNECTORS (62) 2018204670</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2019280061 (22) 12.12.2019 (54) IRRIGATED ELECTRODES WITH ENHANCED HEAT CONDUCTION (62) 2018204695</p>	<p>(71) CareFusion 303, Inc. (21) 2019279901 (22) 09.12.2019 (54) Zero reflux female valve with small priming volume (62) 2019201757</p>	<p>(71) Couplemate Investments Pty Ltd (21) 2019283775 (22) 16.12.2019 (54) A HUBODEMETER ASSEMBLY</p>
<p>(71) Black &amp; Decker Inc. (21) 2019279936 (22) 10.12.2019 (54) Cast-in place anchor assembly (31) 62/792,603 (32) 15.01.19 (33) US</p>	<p>(71) Cashmallow Co., Ltd (21) 2019275596 (22) 04.12.2019 (54) Method and System for Providing Foreign Currency Exchange Services Based on Net Exchange Demand Between Countries (31) 10-2019-0132115 (32) 23.10.19 (33) KR</p>	<p>(71) Covidien LP (21) 2019275668 (22) 06.12.2019 (54) Powered surgical stapling device (62) 2019202294</p>
<p>(71) Blackhawk Network, Inc. (21) 2019275656 (22) 06.12.2019 (54) Efficient stored-value card transactions (62) 2018201066</p>	<p>(71) CFPH, LLC (21) 2019279991 (22) 11.12.2019 (54) SYSTEM AND METHOD FOR FACILITATING A WIRELESS FINANCIAL TRANSACTION (62) 2017258852</p>	<p>(71) CSIdentity Corporation (21) 2019279982 (22) 11.12.2019 (54) System and methods for identifying compromised personally identifiable information on the internet (62) 2019219712</p>
<p>(71) Boehringer Ingelheim Animal Health USA Inc. (21) 2019275585 (22) 04.12.2019</p>	<p>(71) CFPH, LLC (21) 2019280103 (22) 16.12.2019 (54) GAME WITH PLAYER ACTUATED CONTROL STRUCTURE (62) 2017232115</p>	<p>(71) CSR Building Products Limited (21) 2019280035 (22) 12.12.2019 (54) Improved Spacer (31) 2019901317 (32) 16.04.19 (33) AU</p>
<p>(71) Children's Medical Center Corporation (21) 2019280027 (22) 12.12.2019 (54) ORGAN MIMIC DEVICE WITH MICROCHANNELS AND METHODS OF</p>	<p>(71) CURTIS, M.J. (21) 2019279903 (22) 09.12.2019 (54) Off-Road Jack (31) 16/216,462 (32) 11.12.18 (33) US</p>	<p></p>

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<p>(71) Deere &amp; Company (21) 2019275645 (22) 06.12.2019 (54) Two-dimensional attachment grade control for work vehicle (31) 16/213,572 (32) 07.12.18 (33) US</p>	<p>thereof and a cell membrane disruptor herbicide or a derivative thereof (62) 2016380701</p>	<p>(54) Modifying Structured Search Queries On Online Social Networks (62) 2017276234</p>
<p>(71) Deere &amp; Company (21) 2019275646 (22) 06.12.2019 (54) Attachment-configurable system for a work machine (31) 16/213,846 (32) 07.12.18 (33) US</p>	<p>(71) DSM IP Assets B.V. (21) 2019280014 (22) 12.12.2019 (54) FEED SUPPLEMENT MATERIAL FOR USE IN AQUACULTURE FEED (62) 2015359335</p>	<p>(71) FiberLean Technologies Limited (21) 2019279967 (22) 11.12.2019 (54) Fibres comprising microfibrillated cellulose and methods of manufacturing fibres and nonwoven materials therefrom (62) 2017252019</p>
<p>(71) Deere &amp; Company (21) 2019275647 (22) 06.12.2019 (54) Attachment grade control for work vehicle (31) 16/213,806 (32) 07.12.18 (33) US</p>	<p>(71) Echo 360, Inc. (21) 2019275623 (22) 05.12.2019 (54) METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE (62) 2017200865</p>	<p>(71) Finicity Corporation (21) 2019279995 (22) 11.12.2019 (54) Systems and methods for managing financial transaction information (62) 2017274144</p>
<p>(71) Deere &amp; Company (21) 2019279937 (22) 10.12.2019 (54) Absorption of vibrations of a distributor linkage of an agricultural distributing machine (31) 102019200252.8 (32) 10.01.19 (33) DE</p>	<p>(71) Electrolux Appliances Aktiebolag (21) 2019279934 (22) 10.12.2019 (54) COUPLING STRUCTURE FOR A LAUNDRY TREATMENT APPLIANCE (31) 18215375.9 (32) 21.12.18 (33) EP</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2019275639 (22) 06.12.2019 (54) HEADGEAR FOR BREATHING MASK (62) 2014258012</p>
<p>(71) DEKA Products Limited Partnership (21) 2019275634 (22) 05.12.2019 (54) Syringe pump having a pressure sensor assembly (62) 2015218864</p>	<p>(71) Elgra Engineering Pty Ltd (21) 2019280065 (22) 12.12.2019 (54) A post handling attachment (31) 2018904732 (32) 12.12.18 (33) AU</p>	<p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2019275640 (22) 06.12.2019 (54) IMPROVEMENTS TO FLOW THERAPY (62) 2014316671</p>
<p><b>Dentsply Sirona Inc. see Sirona Dental Systems GmbH</b> (21) 2019275653</p>	<p>(71) Empi, Inc. (21) 2019280022 (22) 12.12.2019 (54) Personalized image-based guidance for energy-based therapeutic devices (62) 2018286569</p>	<p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2019280016 (22) 12.12.2019 (54) BREATHING ASSISTANCE APPARATUS (62) 2018202409</p>
<p>(71) DJM EMPREENDIMENTOS MINERAIS E CONSULTORIA EM ENGENHARIA LTDA; ACTT TECNOLOGIA E TREINAMENTOS AMFG LTDA (21) 2019275674 (22) 06.12.2019 (54) PROCESS OF CERAMIC PROPPANT PRODUCTION FROM IRON ORE AND/OR STERILE FROM ITS EXPLOITATION AND/OR TAILINGS FROM ITS BENEFICIATION WITH AGGLOMERATION OF FINE AND ULTRAFINE PARTICLES - PCF</p>	<p>(71) ENSCO, Inc. (21) 2019279942 (22) 10.12.2019 (54) Systems and methods for displaying virtual railroad signs (31) 62/786,076 (32) 28.12.18 (33) US</p>	<p>(71) Flexopack S.A. (21) 2019275630 (22) 05.12.2019 (54) MULTILAYER CLING FILM (31) 18210821.7 (32) 06.12.18 (33) EP</p>
<p>(71) Dormer, K. (21) 2019279959 (22) 10.12.2019 (54) MINERAL SAMPLE STORAGE SYSTEM, METHOD AND MEANS (31) 2019900172 (32) 21.01.19 (33) AU</p>	<p>(71) Ent. Services Development Corporation LP (21) 2019279950 (22) 10.12.2019 (54) Web application adjustment for different browsers (62) 2015402757</p>	<p>(71) Foresee Pharmaceuticals Co., Ltd.; Li, Y.; Guarino, A. (21) 2019279929 (22) 09.12.2019 (54) Pharmaceutical composition with improved stability (62) 2015332456</p>
<p>(71) Dow AgroSciences LLC (21) 2019275636 (22) 06.12.2019 (54) Herbicidal compositions containing 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl) pyridine-2-carboxylic acid or a derivative</p>	<p>(71) Epizyme, Inc. (21) 2019280102 (22) 16.12.2019 (54) ARYL-OR HETEROARYL-SUBSTITUTED BENZENE COMPOUNDS (62) 2018200826</p>	<p>(71) Forma Therapeutics, Inc. (21) 2019283765 (22) 16.12.2019 (54) Pyridin-2(1h)-one quinolinone derivatives as mutant-isocitrate dehydrogenase inhibitors (62) 2015317329</p>
<p>(71) Facebook, Inc. (21) 2019280099 (22) 13.12.2019</p>	<p>(71) Erciftci, I. (21) 2019275606 (22) 04.12.2019 (54) FLUID DISPERSION SYSTEM FOR FIRE SUPPRESSION (31) 2017902237 (32) 13.06.17 (33) AU</p>	<p>(71) Foundation Medicine, Inc. (21) 2019279918 (22) 09.12.2019 (54) Optimization of multigene analysis of tumor samples (62) 2019236708</p>

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(71) Fredette, B.  
(21) 2019279914 (22) 09.12.2019  
(54) System and method for managing event access rights  
(62) 2016265895

(71) Freedom Solutions Group, LLC  
(21) 2019279987 (22) 11.12.2019  
(54) Automated document analysis comprising company name recognition  
(62) 2016316853

(71) Freedom Solutions Group, LLC  
(21) 2019280005 (22) 11.12.2019  
(54) Automated document analysis comprising a user interface based on content types  
(62) 2016316854

(71) Freudenberg Medical, LLC  
(21) 2019275621 (22) 05.12.2019  
(54) Adjustable tracheostoma valve and heat and moisture exchanger  
(31) 16/223,670 (32) 18.12.18 (33) US

(71) Fugro N.V.  
(21) 2019280073 (22) 13.12.2019  
(54) A pressure sensing device for measuring water pressure in a soil medium  
(31) 2022215 (32) 14.12.18 (33) NL

(71) Galmed Research & Development Limited  
(21) 2019275638 (22) 06.12.2019  
(54) ARAMCHOL SALTS  
(62) 2014358668

(71) Gavrieli Brands, LLC  
(21) 2019280038 (22) 12.12.2019  
(54) SPLIT-SOLE FOOTWEAR  
(62) 2017256851

(71) Gea Farm Technologies GmbH  
(21) 2019279916 (22) 09.12.2019  
(54) Method and apparatus for monitoring nutrition, especially fermentation in a rumen of a ruminant  
(62) 2015217798

(71) GE Global Sourcing LLC  
(21) 2019280015 (22) 12.12.2019  
(54) SYSTEM AND METHOD FOR AUTOMATED ESTABLISHMENT OF A VEHICLE CONSIST  
(62) 2018200951

(71) GENENTECH, INC.  
(21) 2019279938 (22) 10.12.2019  
(54) Prevention of disulfide bond reduction during recombinant production of polypeptides  
(62) 2018201301

(71) GENENTECH, INC.  
(21) 2019279986 (22) 11.12.2019  
(54) Anti-wall teichoic antibodies and conjugates  
(62) 2014273939

(71) Gilead Sciences, Inc.  
(21) 2019275625 (22) 05.12.2019  
(54) Human immunodeficiency virus neutralizing antibodies  
(62) 2016370591

(71) Gilead Sciences, Inc.  
(21) 2019279900 (22) 09.12.2019  
(54) Modulators of toll-like receptors for the treatment of HIV  
(62) 2018203738

(71) Global Blood Therapeutics, Inc.; The Regents of the University of California  
(21) 2019275607 (22) 04.12.2019  
(54) SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS FOR THEIR USE IN INCREASING TISSUE OXYGENATION  
(62) 2017232206

(71) Golden Arrow Printing Technology (Kunshan) Co., Ltd.  
(21) 2019280101 (22) 14.12.2019  
(54) Electronic Cigarette Cartridge Tube And Method For Preparing The Same  
(31) 2019107442265 (32) 13.08.19 (33) CN

(71) Google LLC  
(21) 2019275643 (22) 06.12.2019  
(54) EFFICIENT COMMUNICATION FOR DEVICES OF A HOME NETWORK  
(62) 2017272191

(71) Google LLC  
(21) 2019275648 (22) 06.12.2019  
(54) MESH NETWORK COMMISSIONING  
(62) 2017279718

(71) Google LLC  
(21) 2019275671 (22) 06.12.2019  
(54) In-situ quantum error correction  
(62) 2015413915

(71) Google LLC  
(21) 2019275673 (22) 06.12.2019  
(54) EFFICIENT NETWORK LAYER FOR IPV6 PROTOCOL  
(62) 2017239506

(71) Google LLC  
(21) 2019279954 (22) 10.12.2019

(54) SYSTEMS, APPARATUS AND METHODS FOR MANAGING DEMAND-RESPONSE PROGRAMS AND EVENTS  
(62) 2018203856

(71) Google LLC  
(21) 2019283774 (22) 16.12.2019  
(54) CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR ROBUST QUANTUM ANNEALING PROCESSES  
(62) 2014373698

Guarino, A. see Foresee Pharmaceuticals Co., Ltd.  
(21) 2019279929

(71) Halliburton Energy Services, Inc.  
(21) 2019280034 (22) 12.12.2019  
(54) Logging while drilling (LWD) steering visualization tool methods and systems  
(62) 2017204026

(71) Hamilton Sundstrand Corporation  
(21) 2019280080 (22) 13.12.2019  
(54) Ion source for an ion mobility spectrometer  
(31) 16/363,703 (32) 25.03.19 (33) US

(71) Hanmi Pharm. Co., Ltd  
(21) 2019275590 (22) 04.12.2019  
(54) A Composition For Treating Diabetes Or Diabetes Comprising Oxyntomodulin Analog  
(62) 2018200138

(71) Hau, K.K.  
(21) 2019275676 (22) 06.12.2019  
(54) SYSTEM-AIDED METHOD TO STRUCTURE AND FORMULATE ADAPTIVE TUTORIAL SESSIONS AS EXTRA SUPPORT FOR SLOWER PERFORMERS  
(62) 2017216595

(71) Hogan, M.  
(21) 2019279865 (22) 05.12.2019  
(54) IMPROVEMENTS TO LARGE HOUSEHOLD TYPE OUTDOOR GARBAGE BINS.  
(31) 2019903369 (32) 05.09.19 (33) AU  
2018904847 18.12.18 AU

(71) HONYA Biotechnology; Liu, J.T.  
(21) 2019275603 (22) 04.12.2019  
(54) STEM CELL MIXTURE WITH QUANTIFIED PROLIFERATION MEASURE FOR IMPROVED EFFICACY CORRELATION MEASUREMENT

(71) Howmedica Osteonics Corp.  
(21) 2019280090 (22) 13.12.2019

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(54) AUGMENTED, JUST-IN-TIME, PATIENT-SPECIFIC IMPLANT MANUFACTURE  
(31) 62/779,603 (32) 14.12.18 (33) US

(71) Huawei Technologies Co., Ltd.  
(21) 2019275631 (22) 05.12.2019  
(54) MOTION VECTOR FIELD CODING AND DECODING METHOD, CODING APPARATUS, AND DECODING APPARATUS  
(62) 2015406855

(71) I.C. Medical, Inc.  
(21) 2019279964 (22) 11.12.2019  
(54) Laparoscopic ultrapolar electro-surgery device

(71) Icon Plastics Pty Ltd  
(21) 2019275657 (22) 06.12.2019  
(54) SHOWER BASE WITH SKIN  
(31) 2018904648 (32) 06.12.18 (33) AU

(71) IDEMIA France  
(21) 2019279983 (22) 11.12.2019  
(54) Accès sécurisée à des données chiffrées d'un terminal utilisateur  
(31) 1872779 (32) 12.12.18 (33) FR

(71) IGT  
(21) 2019279997 (22) 11.12.2019  
(54) EMAILING OR TEXTING AS COMMUNICATION BETWEEN MOBILE DEVICE AND EGM  
(62) 2018203775

(71) Illumina, Inc.  
(21) 2019280010 (22) 11.12.2019  
(54) Methods And Systems For Aligning Repetitive DNA Elements  
(62) 2013382195

(71) Imad, M.  
(21) 2019279948 (22) 10.12.2019  
(54) A map search interface system for GIS objects having non-specifiable location attributes

(71) ImmunoGen, Inc.  
(21) 2019275619 (22) 05.12.2019  
(54) Conjugation methods  
(62) 2017201214

(71) Indian Oil Corporation Limited  
(21) 2019283783 (22) 16.12.2019  
(54) Co-solubilization process for preparing modified bitumen and product obtained thereof  
(31) 201821048195 (32) 19.12.18 (33) IN

(71) Infosys Limited  
(21) 2019275633 (22) 05.12.2019  
(54) SYSTEM AND METHOD OF AUTOMATED FAULT CORRECTION IN A NETWORK ENVIRONMENT  
(31) 201841046227 (32) 06.12.18 (33) IN

(71) Infuze, LLC  
(21) 2019280070 (22) 13.12.2019  
(54) Water bottle device assembly  
(31) 16/255,497 (32) 23.01.19 (33) US

(71) Innerworkings, Inc.  
(21) 2019280064 (22) 12.12.2019  
(54) Systems and methods for efficiently managing print procurement orders based on item-specific interest levels and supplier-influenced thresholds  
(62) 2017252329

(71) Inscape Data, Inc.  
(21) 2019279902 (22) 09.12.2019  
(54) Methods for identifying video segments and displaying option to view from an alternative source and/or on an alternative device  
(62) 2016211254

(71) Intact Vascular, Inc.  
(21) 2019275660 (22) 06.12.2019  
(54) Minimal surface area contact device for holding plaque to blood vessel wall  
(62) 2017210580

(71) Intercontinental Great Brands LLC  
(21) 2019283781 (22) 16.12.2019  
(54) Multi-layer film and reclosable film package  
(62) 2017312553

(71) Invacare Corp.  
(21) 2019280004 (22) 11.12.2019  
(54) ADJUSTABLE SEAT  
(62) 2015264299

(71) Isol8 Pty Ltd  
(21) 2019280060 (22) 12.12.2019  
(54) Method and system for isolation management and or access control  
(62) 2017228721

(71) Jagwood Pty Ltd  
(21) 2019280017 (22) 12.12.2019  
(54) Process of and Apparatus for Notification of Financial Documents and the Like  
(62) 2018203015

(71) James Hardie Technology Limited  
(21) 2019275626 (22) 05.12.2019  
(54) STUD FOR WALL CONSTRUCTION  
(31) 2018904634 (32) 06.12.18 (33) AU

(71) Jarvis Products Corporation  
(21) 2019280072 (22) 13.12.2019  
(54) Stunner rod with two radii  
(62) 2018278999

(71) Jarvis Products Corporation  
(21) 2019280085 (22) 13.12.2019  
(54) Stunner handle mount with internal passageways  
(62) 2018278999

(71) Jarvis Products Corporation  
(21) 2019280086 (22) 13.12.2019  
(54) Handle mount with cushion  
(62) 2018278999

(71) Jarvis Products Corporation  
(21) 2019280087 (22) 13.12.2019  
(54) Stunner valve trigger movable to different positions  
(62) 2018278999

(71) JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH  
(21) 2019275604 (22) 04.12.2019  
(54) Method for modulating autophagy and applications thereof  
(62) 2016366810

(71) JCDecaux SA  
(21) 2019275663 (22) 06.12.2019  
(54) Method for verifying the display of a content item by a digital display device, and digital display system  
(31) 18 72985 (32) 14.12.18 (33) FR

(71) Joh. Friedrich Behrens AG  
(21) 2019279911 (22) 09.12.2019  
(54) Pneumatic nailer with a safety device  
(31) 18 212 051.9 (32) 12.12.18 (33) EP

(71) Joy Global Surface Mining Inc  
(21) 2019280046 (22) 12.12.2019  
(54) BOOM AND DIPPER HANDLE ASSEMBLY FOR AN INDUSTRIAL MACHINE  
(62) 2017204013

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
(21) 2019280021 (22) 12.12.2019  
(54) Hydraulic drive device for industrial vehicle  
(31) 2018-242906 (32) 26.12.18 (33) JP

(71) KIM, H.  
(21) 2019275611 (22) 05.12.2019  
(54) SUPERDIRECTIVE SPEAKER  
(31) 2019-0142600 (32) 08.11.19 (33) KR

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<p>(71) Kingspan Insulation Pty Ltd (21) 2019279899 (22) 09.12.2019 (54) Developments in perforated sheeting (62) 2015245930</p>	<p>(71) Landmark Graphics Corporation (21) 2019280083 (22) 13.12.2019 (54) Systems and methods for identifying geological core areas (62) 2017219128</p>	<p>(54) Interactive telematics system (62) 2016366835</p>
<p>(71) KISS Digital Media Pty Ltd (21) 2019283779 (22) 16.12.2019 (54) METHODS, SYSTEMS, APPARATUS, PRODUCTS, ARTICLES AND DATA STRUCTURES FOR CROSS-PLATFORM DIGITAL CONTENT (62) 2014252699</p>	<p>(71) Leveler Holdings Pty Ltd (21) 2019275658 (22) 06.12.2019 (54) READING ASSISTANCE METHOD AND SYSTEM (31) 2019900185 (32) 16.01.19 (33) AU</p>	<p>(71) M.G.A. Insurance Brokers Pty. Ltd. (21) 2019283780 (22) 16.12.2019 (54) METHOD OF MANAGING ASSETS (62) 2017276180</p>
<p>(71) Komatsu Ltd. (21) 2019275632 (22) 05.12.2019 (54) Work machine management system, work machine control system, and work machine (62) 2016370977</p>	<p>(71) LG Electronics Inc. (21) 2019279935 (22) 10.12.2019 (54) Vacuum (62) 2017314588</p>	<p>(71) MAESTRANZA MINING PARTS LTDA. (21) 2019280082 (22) 13.12.2019 (54) DRILLING AND BORING SYSTEM FOR DIAMOND DRILLING (62) 2015218160</p>
<p>(71) Komatsu Ltd. (21) 2019275664 (22) 06.12.2019 (54) Construction management system and construction management method (62) 2016283735</p>	<p>(71) LG ELECTRONICS INC. (21) 2019283767 (22) 16.12.2019 (54) Refrigerator (31) 10-2018-0172480 (32) 28.12.18 (33) KR</p>	<p>(71) Magic Leap, Inc. (21) 2019280001 (22) 11.12.2019 (54) Multi-focal display system and method (62) 2015210708</p>
<p>(71) Komatsu Ltd. (21) 2019280032 (22) 12.12.2019 (54) Work machine management apparatus (62) 2018201496</p>	<p>(71) LG ELECTRONICS INC. (21) 2019283768 (22) 16.12.2019 (54) Refrigerator (31) 10-2018-0172502 (32) 28.12.18 (33) KR</p>	<p>(71) Maquet Cardiovascular LLC. (21) 2019279932 (22) 09.12.2019 (54) PORTABLE AND MODULAR TRANSPORTATION UNIT WITH IMPROVED TRANSPORT CAPABILITIES (62) 2017213552</p>
<p>(71) Kraft Foods Group Brands LLC (21) 2019279989 (22) 11.12.2019 (54) CONTAINERS AND METHODS FOR ISOLATING LIQUIDS PRIOR TO DISPENSING (62) 2018204512</p>	<p>(71) LG ELECTRONICS INC. (21) 2019283769 (22) 16.12.2019 (54) Refrigerator (31) 10-2018-0172529 (32) 28.12.18 (33) KR</p>	<p><b>Massachusetts Institute of Technology see The Broad Institute, Inc.</b> (21) 2019280394</p>
<p>(71) Krystal Biotech, Inc. (21) 2019280069 (22) 13.12.2019 (54) Compositions and methods for the treatment of wounds, disorders, and diseases of the skin (62) 2016401692</p>	<p><b>Li, Y. see Foresee Pharmaceuticals Co., Ltd.</b> (21) 2019279929</p>	<p>(71) MasterCard International Incorporated (21) 2019275598 (22) 04.12.2019 (54) Systems and methods for authenticating an online user using a secure authorizaton server (62) 2016355066</p>
<p>(71) Kygee Pty Ltd (21) 2019280033 (22) 12.12.2019 (54) IMPROVED GLAZING FRAMING SYSTEM AND METHOD (62) 2018251613</p>	<p>(71) LifeCell Corporation (21) 2019280059 (22) 12.12.2019 (54) Vacuum platen tissue planing apparatus (62) 2014376197</p>	<p>(71) MasterCard International Incorporated (21) 2019279926 (22) 09.12.2019 (54) Systems and methods for verifying users, in connection with transactions using payment devices (62) 2016274700</p>
<p>(71) Kyushu University, National University Corporation (21) 2019280013 (22) 11.12.2019 (54) METHOD FOR DESIGNING RNA BINDING PROTEIN UTILIZING PPR MOTIF, AND USE THEREOF (62) 2017254874</p>	<p>(71) Lineage Cell Therapeutics, Inc. (21) 2019279909 (22) 09.12.2019 (54) Compositions and methods for induced tissue regeneration in mammalian species (62) 2014275130</p>	<p>(71) MasterCard International Incorporated (21) 2019283784 (22) 16.12.2019 (54) Methods and systems for providing 3-D secure service on-behalf-of merchants (62) 2017254975</p>
<p>(71) Locater IP, LP (21) 2019275601 (22) 04.12.2019</p>	<p>(71) Liquid Fertiliser Pty Ltd (21) 2019283785 (22) 16.12.2019 (54) STABLE AQUEOUS DISPERSIONS OF ZINC PHOSPHATES (62) 2015333589</p>	<p>(71) McCloskey International Limited (21) 2019275666 (22) 06.12.2019 (54) Tracked radial stacker with wheels (31) 16/215.851 (32) 11.12.18 (33) US</p>
	<p><b>Liu, J.T. see HONYA Biotechnology</b> (21) 2019275603</p>	<p>(71) McCormick, S. (21) 2019279931 (22) 09.12.2019 (54) Sewer Netwrok Logger</p>

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(71) McNeil-PPC, Inc.  
 (21) 2019275608 (22) 05.12.2019  
 (54) Preserved compositions containing hyaluronic acid or a pharmaceutically-acceptable salt thereof and related methods  
 (62) 2017261504

(71) Medeon Biodesign, Inc.  
 (21) 2019280068 (22) 13.12.2019  
 (54) Systems and methods for suture delivery  
 (62) 2015270223

(71) Mederis Diabetes, LLC  
 (21) 2019275610 (22) 05.12.2019  
 (54) Improved peptide pharmaceuticals  
 (62) 2017216533

(71) Medlumics S.L.  
 (21) 2019279955 (22) 10.12.2019  
 (54) Radiofrequency ablation catheter with optical tissue evaluation  
 (62) 2015212820

(71) Memorial Sloan-Kettering Cancer Center  
 (21) 2019279971 (22) 11.12.2019  
 (54) Minimal saponin analogues, synthesis and use thereof  
 (62) 2015266624

(71) Merck Sharp & Dohme B.V.  
 (21) 2019275591 (22) 04.12.2019  
 (54) 4-imidazopyridazin-1-yl-benzamides and 4-imidazotriazin-1-yl-benzamides as Btk- inhibitors  
 (62) 2017279778

(71) Miramore Inc. DBA BlendJet  
 (21) 2019280029 (22) 12.12.2019  
 (54) A portable and rechargeable blender  
 (31) 16/237,183 (32) 31.12.18 (33) US

(71) Morgan Advanced Ceramics, Inc  
 (21) 2019280088 (22) 13.12.2019  
 (54) FEEDTHROUGHS  
 (62) 2019204908

(71) My Partners And Global Stars Investments (MP&GSI) Ltd  
 (21) 2019280039 (22) 12.12.2019  
 (54) Electronic check-based payment system and methods for issuing, transferring, paying and verifying electronic checks  
 (62) 2017264991

(71) NanoString Technologies, Inc.  
 (21) 2019275665 (22) 06.12.2019

(54) Enzyme- and amplification-free sequencing  
 (62) 2015349870

(71) Nant Holdings IP, LLC  
 (21) 2019280006 (22) 11.12.2019  
 (54) IMPROVED COMPOSITIONS AND METHODS FOR VIRAL DELIVERY OF NEOEPITOPES AND USES THEREOF  
 (62) 2016366183

(71) Nektar Therapeutics  
 (21) 2019283778 (22) 16.12.2019  
 (54) Conjugates of an IL-15 moiety and a polymer  
 (62) 2015240806

(71) Neurocrine Biosciences, Inc.  
 (21) 2019280071 (22) 13.12.2019  
 (54) VMAT2 inhibitors for treating neurological diseases or disorders  
 (62) 2016282790

(71) Newnham, N.  
 (21) 2019275672 (22) 06.12.2019  
 (54) A CABLE TRAILER AND METHOD OF USE THEREOF  
 (31) 2018904676 (32) 07.12.18 (33) AU

(71) Nextivity, Inc.  
 (21) 2019280048 (22) 12.12.2019  
 (54) SYSTEM AND METHOD FOR SELECTING AN OPERATOR TO BOOST IN A REPEATER  
 (62) 2015342842

(71) Nextremity Solutions, Inc.  
 (21) 2019280104 (22) 16.12.2019  
 (54) Compression force magnifier  
 (31) 16/222,477 (32) 17.12.18 (33) US

(71) Next Science IP Holdings Pty Ltd  
 (21) 2019280020 (22) 12.12.2019  
 (54) High osmolarity antimicrobial composition containing one or more organic solvents  
 (62) 2018200520

(71) Nicoventures Holdings Limited  
 (21) 2019279981 (22) 11.12.2019  
 (54) Electronic vapour provision device with absorbent element  
 (62) 2017315219

(71) Nogra Pharma Limited  
 (21) 2019280023 (22) 12.12.2019  
 (54) Aryl receptor modulators and methods of making and using the same  
 (62) 2015279047

(71) Northwestern University  
 (21) 2019275649 (22) 06.12.2019  
 (54) Improved suture  
 (62) 2017261502

(71) Novartis AG  
 (21) 2019279979 (22) 11.12.2019  
 (54) Methods of treating FGF21-associated disorders  
 (62) 2016303545

(71) Novartis AG  
 (21) 2019280026 (22) 12.12.2019  
 (54) Galenic formulations of organic compounds  
 (62) 2017215530

(71) NTT DOCOMO, Inc.  
 (21) 2019280041 (22) 12.12.2019  
 (54) Linear prediction coefficient conversion device and linear prediction coefficient conversion method  
 (62) 2018204572

(71) NTT DOCOMO, INC.  
 (21) 2019280003 (22) 11.12.2019  
 (54) Moving image prediction encoding device, moving image prediction encoding method, moving image prediction decoding device, moving image prediction decoding method, and moving image prediction decoding program  
 (62) 2018202171

(71) NTT DOCOMO, INC.  
 (21) 2019280009 (22) 11.12.2019  
 (54) Moving image prediction encoding device, moving image prediction encoding method, moving image prediction decoding device, moving image prediction decoding method, and moving image prediction decoding program  
 (62) 2018202169

(71) NTT DOCOMO, INC.  
 (21) 2019280040 (22) 12.12.2019  
 (54) Linear prediction coefficient conversion device and linear prediction coefficient conversion method  
 (62) 2018204572

(71) Nutrition Care Pharmaceuticals Pty Ltd; Ausnutria Dairy (China) Co., Ltd  
 (21) 2019279974 (22) 11.12.2019  
 (54) Compositions and methods for treating certain gastrointestinal disorders  
 (31) 2019903461 (32) 17.09.19 (33) AU

(71) OMEGAQUANT ANALYTICS, LLC  
 (21) 2019275602 (22) 04.12.2019



Complete Applications Filed - Name Index cont'd

- (54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSA-HEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH
- 
- (71) Optis Wireless Technology, LLC  
(21) 2019279944 (22) 10.12.2019  
(54) Control channel signaling using a common signaling field for transport format and redundancy version  
(62) 2017218949
- 
- (71) Optos PLC  
(21) 2019280075 (22) 13.12.2019  
(54) Detection of pathologies in ocular images  
(31) 18 214 689.4 (32) 20.12.18 (33) EP
- 
- (71) Otis Elevator Company  
(21) 2019280074 (22) 13.12.2019  
(54) Elevator communication systems  
(31) 16/404,086 (32) 06.05.19 (33) US
- 
- (71) Palo Alto Research Center Incorporated  
(21) 2019275588 (22) 04.12.2019  
(54) PARTIAL DISCHARGE DETECTOR  
(31) 16/235,754 (32) 28.12.18 (33) US
- 
- (71) Palo Alto Research Center Incorporated  
(21) 2019275595 (22) 04.12.2019  
(54) PARTIAL DISCHARGE TRANSDUCER  
(31) 16/235,747 (32) 28.12.18 (33) US
- 
- (71) PATEL, G.N.  
(21) 2019279940 (22) 10.12.2019  
(54) A monitoring system based on etching of metals  
(62) 2017265092
- 
- (71) Peach, B.  
(21) 2019280036 (22) 12.12.2019  
(54) Narrow Trencher Bucket  
(62) 2015281792
- 
- (71) Pivotal Software, Inc  
(21) 2019275615 (22) 05.12.2019  
(54) CLASSIFYING USER BEHAVIOR AS ANOMALOUS  
(62) 2016298250
- 
- (71) Plastic Solutions Australia Pty Ltd  
(21) 2019279923 (22) 09.12.2019  
(54) LIFTING ANCHOR  
(31) 2018904701 (32) 11.12.18 (33) AU
- 
- (71) Plastic Solutions Australia Pty Ltd  
(21) 2019279924 (22) 09.12.2019  
(54) VOID FORMER  
(31) 2018904702 (32) 11.12.18 (33) AU
- 
- (71) Polystyrene Reforming Pty Ltd  
(21) 2019279907 (22) 09.12.2019  
(54) A METHOD FOR RECYCLING EXPANDED POLYSTYRENE  
(31) 2019901254 (32) 11.04.19 (33) AU
- 
- PPG Coatings Europe BV see Avery Dennison Corporation**  
(21) 2019275669
- 
- (71) Precision Planting LLC  
(21) 2019275628 (22) 05.12.2019  
(54) Seed planting apparatus, systems and methods  
(62) 2015346218
- 
- President and Fellows of Harvard College see The Broad Institute, Inc.**  
(21) 2019280394
- 
- (71) Price Link Pty Ltd  
(21) 2019280062 (22) 12.12.2019  
(54) A precast concrete panel and method of construction including same  
(31) 2018904741 (32) 13.12.18 (33) AU
- 
- (71) Prysmian S.p.A.  
(21) 2019279952 (22) 10.12.2019  
(54) Optical cable for indoor installation  
(31) 102018000010988 (32) 11.12.18 (33) IT
- 
- (71) Prysmian S.p.A.  
(21) 2019279956 (22) 10.12.2019  
(54) Optical cable and optical fiber for indoor installation  
(31) 102018000011048 (32) 13.12.18 (33) IT
- 
- (71) Prysmian S.p.A.  
(21) 2019279966 (22) 11.12.2019  
(54) Collapsible and adjustable reel  
(31) 16/231,706 (32) 24.12.18 (33) US
- 
- (71) PTR Innovations Pty Ltd  
(21) 2019279977 (22) 11.12.2019  
(54) An improved socket stencil apparatus  
(31) 2019900077 (32) 11.01.19 (33) AU
- 
- (71) QINGDAO BEIMEI OIL AND GAS ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.  
(21) 2019275662 (22) 06.12.2019  
(54) ANTI-SEEPAGE TANK WITH VARIABLE CAPACITY  
(31) 201910196435.0 (32) 15.03.19 (33) CN
- 
- (71) RAEEN, B.  
(21) 2019279969 (22) 11.12.2019  
(54) Electric Device  
(62) 2015323900
- 
- (71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology  
(21) 2019279946 (22) 10.12.2019  
(54) Methods for treating atopic dermatitis by administering an IL-4R antagonist  
(62) 2018204346
- 
- (71) Regeneron Pharmaceuticals, Inc.  
(21) 2019280049 (22) 12.12.2019  
(54) NON-HUMAN ANIMALS EXPRESSING PH-SENSITIVE IMMUNOGLOBULIN SEQUENCES  
(62) 2017219080
- 
- (71) Renewtrak Global Services Pty Ltd  
(21) 2019280097 (22) 13.12.2019  
(54) A distribution management system
- 
- (71) Ruoeuy Lung Enterprise Corp.  
(21) 2019275677 (22) 08.12.2019  
(54) Base Seat for Bed, Chair or Sofa
- 
- (71) Sackley, J.  
(21) 2019280012 (22) 11.12.2019  
(54) Human waste toiletry postural aid  
(31) 2019903738 (32) 04.10.19 (33) AU
- 
- (71) Sage Therapeutics, Inc.  
(21) 2019279910 (22) 09.12.2019  
(54) Neuroactive steroids, compositions, and uses thereof  
(62) 2015266447
- 
- (71) SAMSUNG ELECTRONICS CO., LTD.  
(21) 2019280030 (22) 12.12.2019  
(54) Apparatus and method for receiving fingerprint information through guide  
(62) 2017332169
- 
- Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.**  
(21) 2019279946
- 
- (71) SAP SE  
(21) 2019279904 (22) 09.12.2019  
(54) Non-uniform pagination of columnar data  
(31) 16/215,276 (32) 10.12.18 (33) US
- 
- (71) SCHLUMBERGER TECHNOLOGY B.V.  
(21) 2019279908 (22) 09.12.2019  
(54) Degradable fiber systems for well treatments and their use  
(62) 2017239578

Complete Applications Filed - Name Index cont'd

<p>(71) Schneider Electric Industries SAS (21) 2019283762 (22) 16.12.2019 (54) CONNECTION DEVICE FOR A LUMINAIRE (31) 1873226 (32) 18.12.18 (33) FR</p>	<p>(71) Sony Corporation (21) 2019280050 (22) 12.12.2019 (54) Device and method (62) 2016390356</p>	<p>(54) METHOD AND DEVICE FOR VAPORIZATION AND INHALATION OF ISOLATED SUBSTANCES (62) 2015283589</p>
<p>(71) Sensors Unlimited, Inc. (21) 2019280028 (22) 12.12.2019 (54) A system and method of sensing for petroleum, oil, and gas leaks using optical detection (31) 16/593,808 (32) 04.10.19 (33) US</p>	<p>(71) Sony Interactive Entertainment Inc. (21) 2019279962 (22) 11.12.2019 (54) Control device (62) 2013333266</p>	<p>(71) Tangent Reprofile Limited (21) 2019279922 (22) 09.12.2019 (54) MODULATORS OF ANDROGEN SYNTHESIS (62) 2018203135</p>
<p>(71) ServiceNow, Inc. (21) 2019280058 (22) 12.12.2019 (54) Cloud-based platform instrumentation and monitoring system for maintenance of user-configured programs (62) 2017214389</p>	<p>(71) Sony Interactive Entertainment Inc. (21) 2019279963 (22) 11.12.2019 (54) Control device (62) 2013333266</p>	<p>(71) Technip France (21) 2019279941 (22) 10.12.2019 (54) Flexible pipe for transporting fluid and associated method (62) 2015217013</p>
<p>(71) Shinn Fu Corporation (21) 2019280096 (22) 13.12.2019 (54) Oil Returning Valve Set with Multi-Stage Throttling Control (31) 108139940 (32) 04.11.19 (33) TW</p>	<p>(71) Sorrento Therapeutics, Inc. (21) 2019279994 (22) 11.12.2019 (54) Transdermal drug delivery apparatus and methods (62) 2015253253</p>	<p>(71) TECOME S.r.l. (21) 2019275600 (22) 04.12.2019 (54) Pressure regulating bypass valve (31) 102018000020233 (32) 19.12.18 (33) IT</p>
<p>(71) Sirona Dental Systems GmbH; Dentsply Sirona Inc. (21) 2019275653 (22) 06.12.2019 (54) METHOD FOR THE DESIGN AND MANUFACTURE OF A DENTAL COMPONENT (31) 18211405.8 (32) 10.12.18 (33) EP</p>	<p>(71) Special Water Patents B.V. (21) 2019280025 (22) 12.12.2019 (54) Wound treatment composition (62) 2014331044</p>	<p>(71) Telefonaktiebolaget LM Ericsson (publ) (21) 2019279988 (22) 11.12.2019 (54) UPLINK DATA INDICATION (62) 2017236677</p>
<p>(71) SKINPROTECT CORPORATION SDN BHD (21) 2019275661 (22) 06.12.2019 (54) Detectable and Multi Detectable Articles (31) 2018904670 (32) 07.12.18 (33) AU</p>	<p>(71) Strata Safety Products, LLC (21) 2019280007 (22) 11.12.2019 (54) Proximity detection system with approach zone (62) 2015221523</p>	<p>(71) Terremoto Limited (21) 2019280079 (22) 13.12.2019 (54) MASONRY HARDWARE</p>
<p>(71) Skylark Wireless, LLC (21) 2019283777 (22) 16.12.2019 (54) Control channel design for many-antenna MU-MIMO systems (62) 2016251049</p>	<p>(71) Stryker Corporation (21) 2019275614 (22) 05.12.2019 (54) Track assembly (31) 62/781,195 (32) 18.12.18 (33) US</p>	<p>(71) THALES (21) 2019279912 (22) 09.12.2019 (54) Method for confusing the electronic signature transmitted by a radar, and transmission/reception device suitable for implementing same (31) 1872651 (32) 11.12.18 (33) FR</p>
<p>(71) Snap-on Incorporated (21) 2019280091 (22) 13.12.2019 (54) Corner reinforcement gusset (62) 2018202216</p>	<p>(71) Su, G. (21) 2019275605 (22) 04.12.2019 (54) Integrated beam for corrugated sheet and integrated frame structure formed thereon (62) 2015202005</p>	<p>(71) THALES (21) 2019279915 (22) 09.12.2019 (54) Device for venting an explosive charge and munition equipped with such a device (31) 1872833 (32) 13.12.18 (33) FR</p>
<p>(71) Société des Produits Nestlé S.A. (21) 2019280019 (22) 12.12.2019 (54) Nutritional composition for use in promoting gut and/or liver maturation and/or repair (62) 2015327027</p>	<p>(71) Sumitomo Metal Mining Co., Ltd. (21) 2019275612 (22) 05.12.2019 (54) Method for producing cobalt powder (62) 2016291485</p>	<p>(71) The Board of Trustees of the Leland Stanford Junior University (21) 2019283787 (22) 16.12.2019 (54) An apparatus and method for sub-micrometer elemental image analysis by mass spectrometry (62) 2015241065</p>
<p>(71) S VASSALLO &amp; X.L WANG (21) 2019275652 (22) 06.12.2019 (54) BOTTOMS UP MULTI TOOL Multi tool used for picking up objects ranging from crabs to basket balls. Octopus to mulch. (31) 2019904498 (32) 28.11.19 (33) AU</p>	<p>(71) Syqe Medical Ltd. (21) 2019275594 (22) 04.12.2019</p>	<p>(71) The Board of Trustees of The University of Illinois (21) 2019279928 (22) 09.12.2019 (54) Amphotericin B derivatives with improved therapeutic index (62) 2014332214</p>

Complete Applications Filed - Name Index cont'd

(71) The Boeing Company  
 (21) 2019275597 (22) 04.12.2019  
 (54) EME protection cap system with screw sealant mechanism  
 (31) 16/238,768 (32) 03.01.19 (33) US

(71) The Boeing Company  
 (21) 2019279970 (22) 11.12.2019  
 (54) Induction heating system for molding a thermoplastic article and method for molding a thermoplastic article  
 (31) 16/217,276 (32) 12.12.18 (33) US

(71) The Boeing Company  
 (21) 2019280044 (22) 12.12.2019  
 (54) Composite part resin infusion with dynamic thickness control  
 (31) 16/238,157 (32) 02.01.19 (33) US

(71) The Boeing Company  
 (21) 2019280067 (22) 13.12.2019  
 (54) Aircraft positioning on a taxiway  
 (31) 16/224,885 (32) 19.12.18 (33) US

(71) The Boeing Company  
 (21) 2019283770 (22) 16.12.2019  
 (54) Multi-embedded radio frequency board and mobile device including the same  
 (31) 16/237,897 (32) 02.01.19 (33) US

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; The Rockefeller University  
 (21) 2019280394 (22) 16.12.2019  
 (54) CRISPR-Cas component systems, methods and compositions for sequence manipulation  
 (62) 2013359262

**The Cleveland Clinic Foundation see The Procter & Gamble Company**  
 (21) 2019280094

(71) The Middleby Corporation  
 (21) 2019283771 (22) 16.12.2019  
 (54) Conveyor oven air system  
 (31) 62/783,018 (32) 20.12.18 (33) US

(71) The Procter & Gamble Company; The Cleveland Clinic Foundation  
 (21) 2019280094 (22) 13.12.2019  
 (54) METHODS FOR INHIBITING CONVERSION OF CHOLINE TO TRIMETHYLAMINE (TMA)  
 (62) 2016365314

**The Regents of the University of California see Global Blood Therapeutics, Inc.**  
 (21) 2019275607

(71) Therma-Stor LLC  
 (21) 2019283791 (22) 16.12.2019  
 (54) SPLIT DEHUMIDIFICATION SYSTEM WITH SECONDARY EVAPORATOR AND CONDENSER COILS  
 (31) 16/234,052 (32) 27.12.18 (33) US

(71) Therma-Stor LLC  
 (21) 2019283792 (22) 16.12.2019  
 (54) DEHUMIDIFIER WITH MULTI-CIRCULATED EVAPORATOR AND SECONDARY CONDENSER COILS  
 (31) 16/234,200 (32) 27.12.18 (33) US

**The Rockefeller University see The Broad Institute, Inc.**  
 (21) 2019280394

(71) The Trustees of Columbia University in the City of New York  
 (21) 2019280031 (22) 12.12.2019  
 (54) HISTONE ACETYLTRANSFERASE ACTIVATORS AND USES THEREOF  
 (62) 2015241177

(71) THORIUM POWER, INC.  
 (21) 2019275620 (22) 05.12.2019  
 (54) FUEL ASSEMBLY  
 (62) 2018203144

(71) TNBT Holdings Pty Ltd  
 (21) 2019280066 (22) 13.12.2019  
 (54) A DOOR FURNITURE KIT, A DOOR, AND A METHOD FOR INSTALLING DOOR FURNITURE.  
 (31) 2018904771 (32) 14.12.18 (33) AU

(71) TNBT Holdings Pty Ltd  
 (21) 2019280081 (22) 13.12.2019  
 (54) A STRIKE FOR A DOOR LOCK BOLT AND A KIT FOR INSTALLATION ON A DOOR JAMB  
 (31) 2018904773 (32) 14.12.18 (33) AU

(71) TNBT Holdings Pty Ltd  
 (21) 2019280084 (22) 13.12.2019  
 (54) Door Furniture  
 (31) 2018904770 (32) 14.12.18 (33) AU

(71) TNBT Holdings Pty Ltd  
 (21) 2019280089 (22) 13.12.2019  
 (54) AN ADAPTABLE MORTICE LOCK, A MORTICE LOCK KIT AND A METHOD FOR MOUNTING TO A DOOR AN ADAPTABLE MORTICE LOCK  
 (31) 2018904768 (32) 14.12.18 (33) AU

(71) TNBT Holdings Pty Ltd  
 (21) 2019280092 (22) 13.12.2019  
 (54) AN ESCUTCHEON FOR A DOOR, A DOOR FURNITURE KIT, AND A

METHOD FOR MOUNTING AN ESCUTCHEON TO A DOOR  
 (31) 2018904769 (32) 14.12.18 (33) AU

(71) TNBT Holdings Pty Ltd  
 (21) 2019280100 (22) 14.12.2019  
 (54) A LOCK  
 (31) 2018904767 (32) 14.12.18 (33) AU

(71) TP Therapeutics, Inc.  
 (21) 2019279951 (22) 10.12.2019  
 (54) Diaryl macrocycles as modulators of protein kinases  
 (62) 2015209239

(71) TransMedics, Inc.  
 (21) 2019275587 (22) 04.12.2019  
 (54) SYSTEMS AND METHODS FOR EX-VIVO ORGAN CARE USING LACTATE AS AN INDICATOR  
 (62) 2019213320

(71) Tricida, Inc.  
 (21) 2019275584 (22) 04.12.2019  
 (54) PROTON-BINDING POLYMERS FOR ORAL ADMINISTRATION  
 (62) 2019219800

(71) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH  
 (21) 2019275637 (22) 06.12.2019  
 (54) Predicting immunogenicity of T cell epitopes  
 (62) 2014264943

(71) TTI (Macao Commercial Offshore) Limited  
 (21) 2019279927 (22) 09.12.2019  
 (54) Power tools with integrated circuit boards  
 (62) 2016355627

(71) Twelve, Inc.  
 (21) 2019280051 (22) 12.12.2019  
 (54) Prosthetic heart valve devices, prosthetic mitral valves and associated systems and methods  
 (62) 2014233505

(71) University of Strathclyde  
 (21) 2019279925 (22) 09.12.2019  
 (54) Bioprocess for coproduction of ethanol and mycoproteins  
 (62) 2015334672

(71) Vector Remediation Ltd.  
 (21) 2019275613 (22) 05.12.2019

Complete Applications Filed - Name Index cont'd

(54) CATHODIC CORROSION PROTECTION SYSTEM WITH REBAR MOUNTING ASSEMBLY  
 (31) 16/674,306 (32) 05.11.19 (33) US

(71) Ventana Medical Systems, Inc.  
 (21) 2019275592 (22) 04.12.2019  
 (54) Assembly for storing and transporting tissue samples immersed in a fluid  
 (62) 2016221780

(71) Vertie Equipment Pty Ltd  
 (21) 2019280043 (22) 12.12.2019  
 (54) STRAP WINDER  
 (31) 2018904748 (32) 13.12.18 (33) AU

(71) Video Gaming Technologies, Inc.  
 (21) 2019279978 (22) 11.12.2019  
 (54) A GAMING MACHINE  
 (62) 2018204475

(71) W.L. GORE & ASSOCIATES, INC.  
 (21) 2019283773 (22) 16.12.2019  
 (54) Syringe plunger assemblies  
 (62) 2017206810

(71) W.L. GORE & ASSOCIATES, INC.  
 (21) 2019283782 (22) 16.12.2019  
 (54) Syringe plunger assemblies  
 (62) 2017206810

(71) W. L. Gore & Associates, Inc.  
 (21) 2019280056 (22) 12.12.2019  
 (54) Endoscopic organ manipulation devices and methods  
 (62) 2016350708

(71) Wageningen Universiteit  
 (21) 2019283764 (22) 16.12.2019  
 (54) Nuclease-mediated genome editing  
 (62) 2016249955

(71) Watkins Manufacturing Corporation  
 (21) 2019275609 (22) 05.12.2019  
 (54) Chlorine generator system  
 (62) 2018302755

(71) WestRock Packaging Systems, LLC  
 (21) 2019280057 (22) 12.12.2019  
 (54) Hanging device and package with hanging device  
 (31) 2018-233402 (32) 13.12.18 (33) JP

(71) Whitehead Institute for Biomedical Research  
 (21) 2019283766 (22) 16.12.2019  
 (54) In vitro production of red blood cells with sortagable proteins  
 (62) 2014262474

(71) Wincor Nixdorf International GmbH  
 (21) 2019279985 (22) 11.12.2019  
 (54) Trusted terminal platform  
 (62) 2014224656

(71) Wincor Nixdorf International GmbH  
 (21) 2019279992 (22) 11.12.2019  
 (54) Trusted terminal platform  
 (62) 2014224656

(71) Wisconsin Alumni Research Foundation  
 (21) 2019280055 (22) 12.12.2019  
 (54) Topical vasoconstrictor preparations and methods for protecting cells during cancer chemotherapy and radiotherapy  
 (62) 2017279578

(71) Wolff, J.  
 (21) 2019280093 (22) 13.12.2019  
 (54) Grinder assembly  
 (62) 2015205009

(71) Xencor, Inc.  
 (21) 2019275642 (22) 06.12.2019  
 (54) Modulation of T Cells with Bispecific Antibodies and FC Fusions  
 (62) 2018200008

(71) ZHEJIANG DINGLI MACHINERY CO., LTD  
 (21) 2019275651 (22) 06.12.2019  
 (54) Anti-extrusion device and aerial work platform  
 (31) 2019108707704 (32) 16.09.19 (33) CN

(71) ZHEJIANG DINGLI MACHINERY CO., LTD  
 (21) 2019275654 (22) 06.12.2019  
 (54) CONTROL VALVE, DERRICKING CYLINDER AND WORKING METHOD THEREOF, AERIAL WORK PLATFORM  
 (31) 2019108411194 (32) 06.09.19 (33) CN

Numerical Index

<b>2019275584</b>	Tricida, Inc.	<b>2019275650</b>	Berkeley Lights, Inc.
<b>2019275585</b>	Boehringer Ingelheim Animal Health USA Inc.	<b>2019275651</b>	ZHEJIANG DINGLI MACHINERY CO., LTD
<b>2019275587</b>	TransMedics, Inc.	<b>2019275652</b>	S VASSALLO & X.L WANG
<b>2019275588</b>	Palo Alto Research Center Incorporated	<b>2019275653</b>	Sirona Dental Systems GmbH; Dentsply Sirona Inc.
<b>2019275589</b>	Avigilon Analytics Corporation	<b>2019275654</b>	ZHEJIANG DINGLI MACHINERY CO., LTD
<b>2019275590</b>	Hanmi Pharm. Co., Ltd	<b>2019275655</b>	Concentric Ag Corporation
<b>2019275591</b>	Merck Sharp & Dohme B.V.	<b>2019275656</b>	Blackhawk Network, Inc.
<b>2019275592</b>	Ventana Medical Systems, Inc.	<b>2019275657</b>	Icon Plastics Pty Ltd
<b>2019275593</b>	Antecip Bioventures II LLC	<b>2019275658</b>	Leveler Holdings Pty Ltd
<b>2019275594</b>	Syqe Medical Ltd.	<b>2019275659</b>	AbbVie Inc.
<b>2019275595</b>	Palo Alto Research Center Incorporated	<b>2019275660</b>	Intact Vascular, Inc.
<b>2019275596</b>	Cashmallow Co., Ltd	<b>2019275661</b>	SKINPROTECT CORPORATION SDN BHD
<b>2019275597</b>	The Boeing Company	<b>2019275662</b>	QINGDAO BEIMEI OIL AND GAS ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.
<b>2019275598</b>	MasterCard International Incorporated	<b>2019275663</b>	JCDecaux SA
<b>2019275599</b>	Array BioPharma Inc.	<b>2019275664</b>	Komatsu Ltd.
<b>2019275600</b>	TECOMEC S.r.l.	<b>2019275665</b>	NanoString Technologies, Inc.
<b>2019275601</b>	Locator IP, LP	<b>2019275666</b>	McCloskey International Limited
<b>2019275602</b>	OMEGAQUANT ANALYTICS, LLC	<b>2019275667</b>	Aristocrat Technologies Australia Pty Limited
<b>2019275603</b>	HONYA Biotechnology; Liu, J.T.	<b>2019275668</b>	Covidien LP
<b>2019275604</b>	JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH	<b>2019275669</b>	Avery Dennison Corporation; PPG Coatings Europe BV
<b>2019275605</b>	Su, G.	<b>2019275670</b>	Aristocrat Technologies Australia Pty Limited
<b>2019275606</b>	Erciftci, I.	<b>2019275671</b>	Google LLC
<b>2019275607</b>	Global Blood Therapeutics, Inc.; The Regents of the University of California	<b>2019275672</b>	Newnham, N.
<b>2019275608</b>	McNeil-PPC, Inc.	<b>2019275673</b>	Google LLC
<b>2019275609</b>	Watkins Manufacturing Corporation	<b>2019275674</b>	DJM EMPREENDIMENTOS MINERAIS E CONSULTORIA EM ENGENHARIA LTDA; ACTT TECNOLOGIA E TREINAMENTOS AMFG LTDA
<b>2019275610</b>	Mederis Diabetes, LLC	<b>2019275675</b>	Hau, K.K.
<b>2019275611</b>	KIM, H.	<b>2019275676</b>	Ruoey Lung Enterprise Corp.
<b>2019275612</b>	Sumitomo Metal Mining Co., Ltd.	<b>2019275677</b>	Baylor College of Medicine
<b>2019275613</b>	Vector Remediation Ltd.	<b>2019275678</b>	Hogan, M.
<b>2019275614</b>	Stryker Corporation	<b>2019279865</b>	Kingspan Insulation Pty Ltd
<b>2019275615</b>	Pivotal Software, Inc	<b>2019279899</b>	Gilead Sciences, Inc.
<b>2019275617</b>	Breville Pty Limited	<b>2019279900</b>	CareFusion 303, Inc.
<b>2019275618</b>	CareFusion 303, Inc.	<b>2019279901</b>	Inscape Data, Inc.
<b>2019275619</b>	ImmunoGen, Inc.	<b>2019279902</b>	CURTIS, M.J.
<b>2019275620</b>	THORIUM POWER, INC.	<b>2019279903</b>	SAP SE
<b>2019275621</b>	Freudenberg Medical, LLC	<b>2019279904</b>	A. Finkl & Sons Co.
<b>2019275622</b>	Aerovironment, Inc.	<b>2019279905</b>	Beiersdorf AG
<b>2019275623</b>	Echo 360, Inc.	<b>2019279906</b>	Polystyrene Reforming Pty Ltd
<b>2019275625</b>	Gilead Sciences, Inc.	<b>2019279907</b>	SCHLUMBERGER TECHNOLOGY B.V.
<b>2019275626</b>	James Hardie Technology Limited	<b>2019279908</b>	Lineage Cell Therapeutics, Inc.
<b>2019275628</b>	Precision Planting LLC	<b>2019279909</b>	Sage Therapeutics, Inc.
<b>2019275629</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2019279910</b>	Joh. Friedrich Behrens AG
<b>2019275630</b>	Flexopack S.A.	<b>2019279911</b>	THALES
<b>2019275631</b>	Huawei Technologies Co., Ltd.	<b>2019279912</b>	Baxter International Inc.; Baxter Healthcare SA
<b>2019275632</b>	Komatsu Ltd.	<b>2019279913</b>	Fredette, B.
<b>2019275633</b>	Infosys Limited	<b>2019279914</b>	THALES
<b>2019275634</b>	DEKA Products Limited Partnership	<b>2019279915</b>	Gea Farm Technologies GmbH
<b>2019275635</b>	Aristocrat Technologies Australia Pty Limited	<b>2019279916</b>	Adobe Inc.
<b>2019275636</b>	Dow AgroSciences LLC	<b>2019279917</b>	Foundation Medicine, Inc.
<b>2019275637</b>	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH	<b>2019279918</b>	Corning Cable Systems LLC
<b>2019275638</b>	Galmed Research & Development Limited	<b>2019279919</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>2019275639</b>	Fisher & Paykel Healthcare Limited	<b>2019279920</b>	Cardiff Group, Naamloze Vennootschap
<b>2019275640</b>	FISHER & PAYKEL HEALTHCARE LIMITED	<b>2019279921</b>	Tangent Reprofilling Limited
<b>2019275641</b>	Becton, Dickinson and Company	<b>2019279922</b>	Plastic Solutions Australia Pty Ltd
<b>2019275642</b>	Xencor, Inc.	<b>2019279923</b>	Plastic Solutions Australia Pty Ltd
<b>2019275643</b>	Google LLC	<b>2019279924</b>	University of Strathclyde
<b>2019275644</b>	Action Sports Equipment Pty Ltd	<b>2019279925</b>	MasterCard International Incorporated
<b>2019275645</b>	Deere & Company	<b>2019279926</b>	TTI (Macao Commercial Offshore) Limited
<b>2019275646</b>	Deere & Company	<b>2019279927</b>	The Board of Trustees of The University of Illinois
<b>2019275647</b>	Deere & Company	<b>2019279928</b>	Foresee Pharmaceuticals Co., Ltd.; Li, Y.; Guarino, A.
<b>2019275648</b>	Google LLC	<b>2019279929</b>	Aristocrat Technologies Australia Pty Limited
<b>2019275649</b>	Northwestern University	<b>2019279930</b>	McCormick, S.
		<b>2019279931</b>	Maquet Cardiovascular LLC.

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2019279933	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2019280008	Apple Inc.
2019279934	Electrolux Appliances Aktiebolag	2019280009	NTT DOCOMO, INC.
2019279935	LG Electronics Inc.	2019280010	Illumina, Inc.
2019279936	Black & Decker Inc.	2019280011	Aristocrat Technologies Australia Pty Limited
2019279937	Deere & Company	2019280012	Sackley, J.
2019279938	GENENTECH, INC.	2019280013	Kyushu University, National University Corporation
2019279940	PATEL, G.N.	2019280014	DSM IP Assets B.V.
2019279941	Technip France	2019280015	GE Global Sourcing LLC
2019279942	ENSCO, Inc.	2019280016	FISHER & PAYKEL HEALTHCARE LIMITED
2019279943	Baxalta Incorporated; Baxalta GmbH	2019280017	Jagwood Pty Ltd
2019279944	Optis Wireless Technology, LLC	2019280018	4C Medical Technologies, Inc.
2019279945	Alder Biopharmaceuticals, Inc.	2019280019	Société des Produits Nestlé S.A.
2019279946	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2019280020	Next Science IP Holdings Pty Ltd
2019279947	Aristocrat Technologies Australia Pty Limited	2019280021	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2019279948	Imad, M.	2019280022	Empi, Inc.
2019279949	Aurora Flight Sciences Corporation	2019280023	Nogra Pharma Limited
2019279950	Ent. Services Development Corporation LP	2019280024	Australian Adjuvants Pty Ltd
2019279951	TP Therapeutics, Inc.	2019280025	Special Water Patents B.V.
2019279952	Prysmian S.p.A.	2019280026	Novartis AG
2019279954	Google LLC	2019280027	Children's Medical Center Corporation
2019279955	Medlumics S.L.	2019280028	Sensors Unlimited, Inc.
2019279956	Prysmian S.p.A.	2019280029	Miramore Inc. DBA BlendJet
2019279957	Byford Equipment Pty Ltd	2019280030	SAMSUNG ELECTRONICS CO., LTD.
2019279959	Dormer, K.	2019280031	The Trustees of Columbia University in the City of New York
2019279960	Angel Playing Cards Co., Ltd.	2019280032	Komatsu Ltd.
2019279961	Amgen Inc.	2019280033	Kygee Pty Ltd
2019279962	Sony Interactive Entertainment Inc.	2019280034	Halliburton Energy Services, Inc.
2019279963	Sony Interactive Entertainment Inc.	2019280035	CSR Building Products Limited
2019279964	I.C. Medical, Inc.	2019280036	Peach, B.
2019279965	AMOURIS, K.	2019280038	Gavrieli Brands, LLC
2019279966	Prysmian S.p.A.	2019280039	My Partners And Global Stars Investments (MP&GSI) Ltd
2019279967	FiberLean Technologies Limited	2019280040	NTT DOCOMO, INC.
2019279969	RAEEN, B.	2019280041	NTT DOCOMO, Inc.
2019279970	The Boeing Company	2019280043	Vertie Equipment Pty Ltd
2019279971	Memorial Sloan-Kettering Cancer Center	2019280044	The Boeing Company
2019279973	Baxter Healthcare SA; Baxter International Inc	2019280046	Joy Global Surface Mining Inc
2019279974	Nutrition Care Pharmaceuticals Pty Ltd; Ausnutria Dairy (China) Co., Ltd	2019280047	Adobe Inc.
2019279975	Angel Playing Cards Co., Ltd.	2019280048	Nextivity, Inc.
2019279977	PTR Innovations Pty Ltd	2019280049	Regeneron Pharmaceuticals, Inc.
2019279978	Video Gaming Technologies, Inc.	2019280050	Sony Corporation
2019279979	Novartis AG	2019280051	Twelve, Inc.
2019279980	ASSA ABLOY New Zealand Limited	2019280052	ATF Services Pty Ltd
2019279981	Nicoventures Holdings Limited	2019280053	Autonomous Healthcare, Inc.
2019279982	CSIdentity Corporation	2019280054	Bemis Manufacturing Company
2019279983	IDEMIA France	2019280055	Wisconsin Alumni Research Foundation
2019279984	ATM Security Systems International Limited	2019280056	W. L. Gore & Associates, Inc.
2019279985	Wincor Nixdorf International GmbH	2019280057	WestRock Packaging Systems, LLC
2019279986	GENENTECH, INC.	2019280058	ServiceNow, Inc.
2019279987	Freedom Solutions Group, LLC	2019280059	LifeCell Corporation
2019279988	Telefonaktiebolaget LM Ericsson (publ)	2019280060	Isol8 Pty Ltd
2019279989	Kraft Foods Group Brands LLC	2019280061	Biosense Webster (Israel) Ltd.
2019279990	Acoustic Knowledge, LLC	2019280062	Price Link Pty Ltd
2019279991	CFPH, LLC	2019280063	Aristocrat Technologies Australia Pty Limited
2019279992	Wincor Nixdorf International GmbH	2019280064	Innerworkings, Inc.
2019279993	Aristocrat Technologies Australia Pty Limited	2019280065	Elgra Engineering Pty Ltd
2019279994	Sorrento Therapeutics, Inc.	2019280066	TNBT Holdings Pty Ltd
2019279995	Finicity Corporation	2019280067	The Boeing Company
2019279996	Aristocrat Technologies Australia Pty Limited	2019280068	Medeon Biodesign, Inc.
2019279997	IGT	2019280069	Krystal Biotech, Inc.
2019279998	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2019280070	Infuze, LLC
2019279999	Aristocrat Technologies Australia Pty Limited	2019280071	Neurocrine Biosciences, Inc.
2019280000	Américo Coelho Relvas, Sucessores, S.A.	2019280072	Jarvis Products Corporation
2019280001	Magic Leap, Inc.	2019280073	Fugro N.V.
2019280002	10X Genomics, Inc.	2019280074	Otis Elevator Company
2019280003	NTT DOCOMO, INC.	2019280075	Optos PLC
2019280004	Invacare Corp.	2019280076	Beckman Coulter, Inc.
2019280005	Freedom Solutions Group, LLC	2019280077	Amarula Pty Ltd
2019280006	Nant Holdings IP, LLC	2019280079	Terremoto Limited
2019280007	Strata Safety Products, LLC	2019280080	Hamilton Sundstrand Corporation
		2019280081	TNBT Holdings Pty Ltd

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**2019280082** MAESTRANZA MINING PARTS LTDA.  
**2019280083** Landmark Graphics Corporation  
**2019280084** TNBT Holdings Pty Ltd  
**2019280085** Jarvis Products Corporation  
**2019280086** Jarvis Products Corporation  
**2019280087** Jarvis Products Corporation  
**2019280088** Morgan Advanced Ceramics, Inc  
**2019280089** TNBT Holdings Pty Ltd  
**2019280090** Howmedica Osteonics Corp.  
**2019280091** Snap-on Incorporated  
**2019280092** TNBT Holdings Pty Ltd  
**2019280093** Wolff, J.  
**2019280094** The Procter & Gamble Company; The Cleveland Clinic Foundation  
  
**2019280095** AMO Development, LLC  
**2019280096** Shinn Fu Corporation  
**2019280097** Renewtrak Global Services Pty Ltd  
**2019280098** 3M Innovative Properties Company  
**2019280099** Facebook, Inc.  
**2019280100** TNBT Holdings Pty Ltd  
**2019280101** Golden Arrow Printing Technology (Kunshan) Co., Ltd.  
**2019280102** Epizyme, Inc.  
**2019280103** CFPH, LLC  
**2019280104** Nextremity Solutions, Inc.  
**2019280394** The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; The Rockefeller University  
  
**2019283762** Schneider Electric Industries SAS  
**2019283763** AMF-Bruns GmbH & Co. KG  
**2019283764** Wageningen Universiteit  
**2019283765** Forma Therapeutics, Inc.  
**2019283766** Whitehead Institute for Biomedical Research  
**2019283767** LG ELECTRONICS INC.  
**2019283768** LG ELECTRONICS INC.  
**2019283769** LG ELECTRONICS INC.  
**2019283770** The Boeing Company  
**2019283771** The Middleby Corporation  
**2019283772** Campbell, S.  
**2019283773** W.L. GORE & ASSOCIATES, INC.  
**2019283774** Google LLC  
**2019283775** Couplermate Investments Pty Ltd  
**2019283776** Apple Inc.  
**2019283777** Skylark Wireless, LLC  
**2019283778** Nektar Therapeutics  
**2019283779** KISS Digital Media Pty Ltd  
**2019283780** M.G.A. Insurance Brokers Pty. Ltd.  
**2019283781** Intercontinental Great Brands LLC  
**2019283782** W.L. GORE & ASSOCIATES, INC.  
**2019283783** Indian Oil Corporation Limited  
**2019283784** MasterCard International Incorporated  
**2019283785** Liquid Fertiliser Pty Ltd  
**2019283786** CommScope Technologies LLC  
**2019283787** The Board of Trustees of the Leland Stanford Junior University  
  
**2019283789** City of Hope  
**2019283790** Adobe Inc.  
**2019283791** Therma-Stor LLC  
**2019283792** Therma-Stor LLC

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Applications listed below were processed through the Patent Office Canberra during the period ending 10 Dec 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101558 (22) 12.12.2019 (54) Method and apparatus for displaying display object according to real-time information (62) 2016363434</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101559 (22) 12.12.2019 (54) Method and apparatus for generating random character string (62) 2016367801</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101562 (22) 12.12.2019 (54) Blockchain-based transaction processing method and apparatus (62) 2018246109</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101563 (22) 12.12.2019 (54) Method and device for determining areas of interest based on geolocation data (62) 2017335101</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101564 (22) 12.12.2019 (54) Information registration and authentication method and device (62) 2016325979</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101565 (22) 12.12.2019 (54) User data sharing method and device (62) 2016364120</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101566 (22) 12.12.2019 (54) Resource processing method and device (62) 2016365345</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101567 (22) 12.12.2019 (54) Method and apparatus for consensus verification (62) 2018240272</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101568 (22) 12.12.2019</p>	<p>(54) Method and apparatus for recognizing service request to change mobile phone number (62) 2016372749</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101569 (22) 12.12.2019 (54) Network transaction method and device based on privilege separation control (62) 2017287304</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101570 (22) 12.12.2019 (54) Data storage, data check, and data linkage method and apparatus (62) 2017312177</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101572 (22) 12.12.2019 (54) Method, system, and device for process triggering (62) 2016347047,2019253827</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101574 (22) 12.12.2019 (54) System and method for ending view change protocol (62) 2019203862</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101575 (22) 12.12.2019 (54) System and method for ending view change protocol (62) 2019203861</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101579 (22) 13.12.2019 (54) User identity verification method, apparatus and system (62) 2017314341</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101581 (22) 13.12.2019 (54) System and method for information protection (62) 2018322507</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101582 (22) 13.12.2019 (54) System and method for information protection (62) 2018327218</p> <hr/>	<p>(71) Alibaba Group Holding Limited (21) 2019101583 (22) 13.12.2019 (54) Method and device for writing stored data into storage medium based on flash memory (62) 2017325886</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101584 (22) 13.12.2019 (54) Operation object processing method and apparatus (62) 2017329937</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101585 (22) 13.12.2019 (54) Identity recognition method and device (62) 2017329507</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101586 (22) 13.12.2019 (54) Information push method and device (62) 2017333190</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101588 (22) 13.12.2019 (54) Methods and devices for encoding and decoding binary data (62) 2017342863</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101589 (22) 13.12.2019 (54) System and method for information protection (62) 2018347195</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101590 (22) 13.12.2019 (54) System and method for information protection (62) 2018347196</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101591 (22) 13.12.2019 (54) System and method for information protection (62) 2018347197</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019101593 (22) 13.12.2019 (54) System and method for improving security of smart contract on blockchain (62) 2018348324</p> <hr/>
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(71) Alibaba Group Holding Limited  
(21) 2019101594 (22) 13.12.2019  
(54) Data transmission method, apparatus and system  
(62) 2017352361

(71) Alibaba Group Holding Limited  
(21) 2019101596 (22) 13.12.2019  
(54) Scan and pay method and device utilized in mobile apparatus  
(62) 2017390725

(71) Alibaba Group Holding Limited  
(21) 2019101598 (22) 13.12.2019  
(54) System and method for information protection  
(62) 2018349940

(71) Alibaba Group Holding Limited  
(21) 2019101599 (22) 13.12.2019  
(54) Resource allocation method and device, and electronic payment method  
(62) 2017376038

(71) Alibaba Group Holding Limited  
(21) 2019101601 (22) 16.12.2019  
(54) Currency type switching method and device  
(62) 2017390721

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(21) 2019101602 (22) 16.12.2019  
(54) Service processing method and apparatus  
(62) 2018212186

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(21) 2019101603 (22) 16.12.2019  
(54) Data processing method and device  
(62) 2018221097

(71) Alibaba Group Holding Limited  
(21) 2019101605 (22) 16.12.2019  
(54) Blockchain system and data storage method and apparatus  
(62) 2018222076

(71) Alibaba Group Holding Limited  
(21) 2019101606 (22) 16.12.2019  
(54) Method and apparatus for writing service data into block chain and method for determining service subset  
(62) 2018228540

(71) Alibaba Group Holding Limited  
(21) 2019101607 (22) 16.12.2019  
(54) System and method for parallel-processing blockchain transactions  
(62) 2019204722

(71) Apple Inc.  
(21) 2019101597 (22) 13.12.2019  
(54) Devices, methods, and graphical user interfaces for system-wide behavior for 3D models  
(62) 2019101021

(71) Arpel, I.  
(21) 2019101554 (22) 11.12.2019  
(54) Improved online real-estate actions  
(62) PCT/AU2018/050523

**Ausnutria Dairy (China) Co., Ltd see Nutrition Care Pharmaceuticals Pty Ltd**  
(21) 2019101555

(71) Beta (Shenzhen) Package Products Co., Ltd  
(21) 2019101551 (22) 11.12.2019  
(54) Full Recycling Environmental Protection Packaging Structure  
(31) 2019102528560 (32) 29.03.19 (33) CN  
2019204193567 29.03.19 CN  
2019212810099 08.08.19 CN

(71) Bolderoff, S.  
(21) 2019101533 (22) 06.12.2019  
(54) TELESCOPIC PIPE RACK

(71) Central South University  
(21) 2019101531 (22) 06.12.2019  
(54) Nano-oxide/kaolin composite hemostatic antibacterial material, hemostatic healing-promoting dressing and preparation method thereof  
(31) 201910062718.6 (32) 23.01.19 (33) CN

(71) CENTRAL SOUTH University  
(21) 2019101523 (22) 05.12.2019  
(54) Two-dimensional clay based composite phosphorus removing agent and preparation method and application thereof  
(31) 201910491643.3 (32) 06.06.19 (33) CN

(71) Chan, Y.  
(21) 2019101549 (22) 10.12.2019  
(54) INSTANT ADHESIVE CONTAINER

(71) Changzhou United Dental Medical Instrument Co., Ltd.  
(21) 2019101546 (22) 10.12.2019  
(54) ROOT CANAL FILE WITH NON-CONTINUOUS SPIRAL CUTTING EDGE  
(62) PCT/CN2018/088196

(71) Dal Santo, J.  
(21) 2019101536 (22) 07.12.2019  
(54) Performance, Feedback and Development Technology System

(71) Dias, N.  
(21) 2019101526 (22) 05.12.2019  
(54) A method and system for mobile device users to engage in multiple promotional campaigns by single registration  
(31) 2018904782 (32) 17.12.18 (33) AU

(71) ECO CAR WASH - Mobile Services; Rocha da Silva, L.; Hub App Technologies  
(21) 2019101543 (22) 10.12.2019  
(54) The "Hub" invention, an innovative application and cutting-edge technology (Native Mobile Software App) to Android and iOS platforms, connects customers to providers of goods & services, and has been specifically designed by the Hub App Technologies for Goods & Services Pty Ltd for the provision of Goods & Services.

(71) ECONOMOU, G.  
(21) 2019101542 (22) 09.12.2019  
(54) LADDER ACCESSORY  
(31) 2018904870 (32) 20.12.18 (33) AU

(71) Energy Revolution Co., Ltd.  
(21) 2019101544 (22) 10.12.2019  
(54) A VENTILATING ASSEMBLY FOR COOLING TOWER  
(31) 1903002608 (32) 08.10.19 (33) TH

(71) Fleming, I.  
(21) 2019101587 (22) 13.12.2019  
(54) A MECHANISM FOR AUTHORISING EFTPOS TRANSACTIONS ON NON-FINANCIAL INSTITUTION LEDGER SYSTEMS

(71) GUANGDONG WIREKING HOUSEWARES AND HARDWARE CO., LTD.  
(21) 2019101541 (22) 09.12.2019  
(54) TROLLEY ASSEMBLED BY SNAP-FIT STRUCTURE  
(31) 201920093253.6 (32) 19.01.19 (33) CN

(71) Guangzhou Cane Sugar Industry Research Institute Hainan Sugarcane Breeding Farm  
(21) 2019101518 (22) 05.12.2019  
(54) METHOD FOR REGULATING AND CONTROLLING DELAY FLOWERING OF SUGARCANE THROUGH NIGHT LIGHTING TREATMENT  
(31) 201910920647.9 (32) 27.09.19 (33) CN

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(21) 2019101524

(71) Hangzhou Laihe Biotech Co., Ltd  
(21) 2019101573 (22) 12.12.2019

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(54) KIT FOR DETECTING HAIR TRACE DRUGS BY FLUORESCENCE IMMUNITY

(71) Harmer, S.  
(21) 2019101537 (22) 08.12.2019  
(54) Application of drone technology for the assessment and analysis of volumetric GPS based site contamination prior to construction to reduce risks and improve estimation of site contamination including water, hydrocarbons and other contaminants. Use of drones using key technologies to monitor, measure and plot site contamination using big data analysis to determine volumetric requirements for site decontamination in construction and environmental assessment.

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(21) 2019101543

(71) HUNTSMAN CHEMICAL COMPANY AUSTRALIA PTY LIMITED  
(21) 2019101571 (22) 12.12.2019  
(54) A STARTER CHANNEL  
(31) 2019900912 (32) 19.03.19 (33) AU  
2018904725 12.12.18 AU

(71) Institute of Chemical Industry of Forest Products Chinese Academy of Forestry  
(21) 2019101540 (22) 09.12.2019  
(54) Use of Schiff Base Derivative from Dehydroabietylamine and (Substituted) Benzaldehyde  
(31) 201910938419.4 (32) 30.09.19 (33) CN

(71) JIANGNAN UNIVERSITY  
(21) 2019101529 (22) 06.12.2019  
(54) SLEEP RECORDING CHAMBER AND RECORDING METHOD

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(71) Jilin University; Jilin Province TeyiFood Biotechnology Company Limited  
(21) 2019101528 (22) 05.12.2019  
(54) ACE INHIBITORY PEPTIDE WITH CELL REPAIRING, NOURISHING AND ACTIVATING EFFECTS AND PREPARATION METHOD THEREOF

(71) Jilin University  
(21) 2019101539 (22) 09.12.2019  
(54) ANDROID-BASED IMAGE AND TEXT INFORMATION FEEDBACK TERMINAL SYSTEM  
(31) 201910180123.0 (32) 11.03.19 (33) CN

(71) Joule Case Inc.  
(21) 2019101560 (22) 12.12.2019  
(54) Automatic transfer plug  
(31) 62/910,268 (32) 03.10.19 (33) US

(71) Joule Case Inc.  
(21) 2019101561 (22) 12.12.2019  
(54) Modularized ESS and power distribution system  
(31) 62/913,349 (32) 10.10.19 (33) US

KARAMOOZIAN, A. see WU, D.  
(21) 2019101535

(71) KeMi Sourcing Company Limited  
(21) 2019101534 (22) 06.12.2019  
(54) SUPPORT DEVICE AND SUPPORT FRAME COMPRISING THE SAME  
(31) 201921898448.4 (32) 05.11.19 (33) CN

LI, S. see SUI, D.  
(21) 2019101463

(71) LIN, S.; WANG, Y.  
(21) 2019101462 (22) 27.11.2019  
(54) Method of electronics design of 2kw new photovoltaic cell

(71) Moore-Gilbert, G.  
(21) 2019101538 (22) 08.12.2019  
(54) Welding jig table Positioning Matrix

(71) MU, W.; XU, C.  
(21) 2019101550 (22) 10.12.2019  
(54) A set of method and system with combustion control unit (CCU) for gas appliances

(71) Mulga Resources  
(21) 2019101556 (22) 11.12.2019  
(54) Axe, Jack and Shovel Rack

(71) Nutrition Care Pharmaceuticals Pty Ltd; Ausnutria Dairy (China) Co., Ltd  
(21) 2019101555 (22) 11.12.2019  
(54) Compositions and methods for treating certain gastrointestinal disorders  
(31) 2019903461 (32) 17.09.19 (33) AU

(71) O.E. & D.R. POPE PTY LTD  
(21) 2019101545 (22) 10.12.2019  
(54) A vented tube for use in the packaging of powdery or granular products

(71) ORANGE HARDWARE COMPANY  
(21) 2019101521 (22) 05.12.2019  
(54) DUAL-MODE BOX CUTTER CONVENIENT

(71) Orbis Mining Pty Ltd  
(21) 2019101547 (22) 10.12.2019  
(54) Crushing of core samples  
(31) 2018904710 (32) 11.12.18 (33) AU

(71) OXTI CORPORATION  
(21) 2019101548 (22) 10.12.2019  
(54) SUPPORT ARM COVER STRUCTURE

(71) OZDOCS INTERNATIONAL PTY LTD  
(21) 2019101527 (22) 05.12.2019  
(54) PictogrammaticNomograph

(71) Proof & Company Spirits Pte. Ltd.  
(21) 2019101592 (22) 13.12.2019  
(54) VESSEL ASSEMBLY  
(31) 10201811165V (32) 13.12.18 (33) SG

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(21) 2019101543

(71) Southwest University  
(21) 2019101520 (22) 05.12.2019  
(54) A Double Accelerated Distributed Algorithm Over Time-Varying Directed Networks for Optimization Problem

(71) SUI, D.; LI, S.; YOU, Q.  
(21) 2019101463 (22) 27.11.2019  
(54) Method of searching and mining of social information on Internet based on Elasticsearch

(71) Techronic Cordless GP  
(21) 2019101522 (22) 05.12.2019  
(54) Convertible utility knife  
(31) 62/775,478 (32) 05.12.18 (33) US

(71) Techronic Cordless GP  
(21) 2019101525 (22) 05.12.2019  
(54) Drywall taping tool  
(31) 62/775,478 (32) 05.12.18 (33) US

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(21) 2019101524 (22) 05.12.2019  
(54) SILAGE FODDER MIXED BY REYAN NO.4 KING GRASS AND CASSAVA LEAF, AND ENSILING METHOD THEREOF

(71) Vucic, P.  
(21) 2019101519 (22) 05.12.2019  
(54) SYSTEM FOR PROVIDING VERIFIABLE AND SECURE VEHICLE INFORMATION  
(31) 2018904838 (32) 19.12.18 (33) AU

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**(71)** WU, D.; KARAMOOZIAN, A.  
**(21)** 2019101535 **(22)** 07.12.2019  
**(54)** RISK ASSESSMENT IN CONSTRUCTION PROJECTS BY CONSIDERING INTERDEPENDENCIES BETWEEN RISK FACTORS

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**(71)** XNOVA PTY LTD  
**(21)** 2019101557 **(22)** 11.12.2019  
**(54)** Lighting system  
**(31)** 2018904749 **(32)** 14.12.18 **(33)** AU

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**XU, C. see MU, W.**  
**(21)** 2019101550

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**(71)** Xuzhou Institute of Technology  
**(21)** 2019101580 **(22)** 13.12.2019  
**(54)** CONTINUOUS IMPACT SUPERCHARGING SYSTEM WITH TWO PUMPS FOR OIL SUPPLY  
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**(21)** 2019101464

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**(21)** 2019101463

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**(71)** ZHAO, T.; YAN, A.  
**(21)** 2019101464 **(22)** 27.11.2019  
**(54)** Method of synthesizing of prussion blue nanozymes with peroxidase-like activity for the colorimetric detection of Fe<sup>2+</sup>

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**(71)** Zhejiang Jinyatai Leisure Products Co.,Ltd.  
**(21)** 2019101532 **(22)** 06.12.2019  
**(54)** A novel trampoline

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**Applications with amended filing dates Reg 3.5(A).**

2019253910 **Aristocrat Technologies Australia Pty Limited** The  
filing date has been amended to 29.10.2019

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

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**2015**

2015100692 ( 22E ) 2015100704 ( 22E ) 2015100766 ( 22E )  
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**2016**

2016100210 ( 22 ) 2016100223 ( 22G ) 2016100646 ( 22 )  
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**2018**

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 2018904860 ( 12AN )

**2019**

2019100218 ( 21F ) 2019100378 ( 21F ) 2019200864 ( 4C )  
 2019201366 ( 4C ) 2019232917 ( 1B ) 2019236585 ( 1B )  
 2019236608 ( 1BN ) 2019240575 ( 7AN ) 2019900847 ( 12AN )

2019902196 ( 12AN ) 2019902528 ( 12AN ) 2019904335 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014219244 Astrolink International LLC; Dominion Energy Technologies, Inc. The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

2014274664 Dominion Energy Technologies, Inc.; Astrolink International LLC The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

**2015**

2015204709 Siluria Technologies, Inc. The application has been assigned to **LUMMUS TECHNOLOGY LLC**

2015338896 Dominion Energy Technologies, Inc.; Astrolink International LLC The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

2015338943 Dominion Energy Technologies, Inc.; Astrolink International LLC The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

2015358448 Dominion Energy Technologies, Inc.; Astrolink International LLC The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

**2016**

2016258423 Cellex Life Sciences, Incorporated The application has been assigned to **Ilias Biologics Inc.**

**2017**

2017298256 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Med-shine Discovery Inc. The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**

2017335084 Cellex Life Sciences, Incorporated The application has been assigned to **Ilias Biologics Inc.**

**2018**

2018203997 Dominion Energy Technologies, Inc.; Astrolink International LLC The application has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

2018220087 Hantash, Basil The application has been assigned to **AgeX Therapeutics, 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.

**2006**

2006301914 **Bluepoint International Pty Ltd** An application to extend the time from 06 Oct 2018 to 06 Nov 2019 in which to pay a renewal fee

**Extensions of Time, Section 223**

has been filed . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

**2011**

2011221365 **Light-Weight Concrete Townsville Pty Ltd** An application to extend the time from 07 Sep 2018 to 07 May 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2012**

2012321345 **The University of Utah Research Foundation** The time in which to pay the renewal fee has been extended to 03 Aug 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2015**

2015364277 **Outleads, Inc; Rosenshine, D.** The time in which to request Examination has been extended to 24 Dec 2019 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

**2016**

2016264877 **pro aqua Diamantelektroden Produktion GmbH & Co KG** The time in which to request Examination has been extended to 11 Dec 2019 . Address for service - Dennemeyer & Associates PO Box 363 KEW VIC 3101 AU

**2017**

2017235908 **Thinking Solutions Pty Ltd** The time in which to pay the continuation fee has been extended to 21 Jul 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2019**

2019226283 **FMC CORPORATION** The time in which to request Examination has been extended to 18 Dec 2019 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 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.

**2014**

2014332171 Formulations of (S)-3-(4-((4-(morpholinomethyl)benzyloxy)-1-oxoisindolin-2-yl)piperidine-2,6-dione **Celgene Corporation** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2017**

2017202253 Vehicle control systems and methods and related vehicles **MTD Products Inc** The nature of the amendment is as

**Amendments**

shown in the statement(s) filed 09 Dec 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017232206 SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS FOR THEIR USE IN INCREASING TISSUE OXYGENATION **Global Blood Therapeutics, Inc. ; The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2019 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2018**

2018208625 WEED SEED DESTRUCTION **Mayerle , D.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2019 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

**2019**

2019100677 Baby mode for a heating vessel **Sunbeam Corporation Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made**

**2001**

2001078273 **Zoetis Services LLC** The nature of the amendment is as shown in the statement filed 13 Sep 2019

**2014**

2014100051 **CSR Building Products Limited** The nature of the amendment is as shown in the statement filed 17 Apr 2019

2014324630 **PerkinElmer Health Sciences, Inc.** The nature of the amendment is as shown in the statement filed 16 Sep 2019

2014366221 **Zoetis Services LLC** The nature of the amendment is: Amend the name of the inventor to read Ewin, Richard Andrew; Hu, Steven X.; Machkovech, Susan M.; Manning, Barton H. and Secreast, Stephen Lee

2014393489 **Tecnimed Sociedade Tecnico-Medicinal S.A.** The nature of the amendment is: Amend the name of the inventor to read Pardal Filipe, Augusto Eugénio; Eufrazio Pedroso, Pedro Filipe; Almeida Pecorelli, Susana Marques; Casimiro Caixado, Carlos Alberto Eufrazio; Lopes, Ana Sofia Da Conceicao and Damil, Joao Carlos Ramos

2014393490 **Tecnimed Sociedade Tecnico-Medicinal S.A.** The nature of the amendment is: Amend the name of the inventor to read Pardal Filipe, Augusto Eugenio; Eufrazio Pedroso, Pedro Filipe; Almeida Pecorelli, Susana Marques; Casimiro Caixado, Carlos Alberto Eufrazio; Lopes, Ana Sofia Da Conceicao and Damil, Joao Carlos Ramos

**2015**

2015214645 **Wight, R.** The nature of the amendment is as shown in the statement filed 16 Sep 2019



**Amendments**

2015237807 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement filed 06 Dec 2019

2015261627 **Edginton, F.** The nature of the amendment is: Application is to proceed under the number 2015101979

2015342730 **UNISEG Products Pty Ltd** The nature of the amendment is: Amend the invention title to read A LATCH MECHANISM

**2016**

2016318344 **PolyActiva Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Birkett, Stephen Lonsdale; Donohue, Andrew Craig; D'Souza, Asha Marina; Ng, Sarah Man Yee; Sulistio, Adrian; Tait, Russell John; Valade, David; Naylor, Alan and Blencowe, Anton

2016339974 **Uber Technologies, Inc.** The nature of the amendment is as shown in the statement filed 18 Sep 2019

**2017**

2017101197 **Weir Minerals Australia Ltd** The nature of the amendment is as shown in the statement filed 10 Dec 2019

2017208233 **Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement filed 28 Aug 2019

2017413373 **South China University of Technology** The nature of the amendment is: Amend the invention title to read METHOD AND DEVICE FOR BIOREMEDIATION OF WATER BODY

2017419197 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read REGISTRATION METHOD, SESSION ESTABLISHMENT METHOD, TERMINAL, AND AMF ENTITY

**2018**

2018224235 **IROA Technologies, LLC** The nature of the amendment is as shown in the statement filed 03 Dec 2019

2018256383 **Baxter International Inc.; Baxter Healthcare SA** The nature of the amendment is: Amend the name of the inventor to read CAWTHON, Dustin Christopher

2018261832 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Signal transmission method and apparatus

2018261914 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND COMMUNICATIONS DEVICE

2018263098 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Information sending and receiving method, network device, and terminal device

2018267319 **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read CARBON DIOXIDE ADSORBENT AND METHOD FOR MANUFACTURING SAME, AS WELL AS CARBON DIOXIDE SEPARATION SYSTEM

**Amendments**

2018276307 **Ravenscroft, S.** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2019

2018284707 **Asahi Kasei Medical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for filtering protein-containing liquid

2018308952 **Leung, Y.** The nature of the amendment is: Application is to proceed under the number 2018102152

2018342485 **ZTE Corporation** The nature of the amendment is: Amend the name of the inventor to read Wang, Yuxin; Jiang, Chuangxin; Zhang, Shujuan; Lu, Zhaohua and Li, Yu Ngok

2018357499 **Sichuan Provincial People's Hospital** The nature of the amendment is: Application is to proceed under the number 2018102151

**2019**

2019271908 **Avent Inc.** The nature of the amendment is: Amend the priority details to read 62/776,908 07 Dec 2018 US and 62/776,926 07 Dec 2018 US

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

**2008**

2008228089 Flight Refuelling Limited The name of the patentee has been altered to **COBHAM MISSION SYSTEMS WIMBORNE LIMITED**

2008265595 PureTech LYT-100 Inc. The name of the patentee has been altered to **PureTech LYT 100 Inc.**

**2014**

2014232907 Cornell University; Sloan-Kettering Institute for Cancer Research The name of the patentee has been altered to **Cornell University; The Curators of the University of Missouri; Memorial Sloan-Kettering Cancer Center**

**2015**

2015261706 PureTech LYT-100 Inc. The name of the patentee has been altered to **PureTech LYT 100 Inc.**

2015411412 Low Emission Resources Corporation The name of the applicant has been altered to **Low Emissions Resources Corporation**

**2016**

2016218190 Schunk Hoffmann Carbon Technology AG The name of the applicant has been altered to **Schunk Carbon Technology GmbH**

2016279486 NMD Pharma ApS The name of the applicant has been altered to **NMD Pharma A/S**

**2017**

2017214654 PrinterLogic, LLC The name of the applicant has been altered to **PrinterLogic, Inc**

**Amendments****2018**

2018268799 Eden Innovations LLC; Justin Fulton; Gregory H. Solomon; Roger W. Marmaro; Robert Cavaliero; Allan Godsk Larsen; Shawn Meredith; Christopher Flatley Abatelli The name of the applicant has been altered to **Eden Innovations LLC**

2018311844 XCath, Inc.; The Board of Regents of The University of Texas The name of the applicant has been altered to **XCath, Inc.; The Board of Regents of The University of Texas**

**2019**

2019904505 Deakin University; UNIVERSITY OF THE BASQUE COUNTRY; Basque Center for Macromolecular Design and Engineering The name of the applicant has been altered to **Deakin University; UNIVERSITY OF THE BASQUE COUNTRY; Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa**

Applications Open to Public Inspection

Name Index

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

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(71) AbbVie Inc.  
 (11) AU-A-2019275525  
 (21) 2019275525 (22) 02.12.2019  
 (54) Wearable automatic injection device and related methods of assembly and use  
 (51) Int. Cl.  
     **A61M 5/24** ( 2006.01 )  
     **A61M 5/142** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2016383061  
 (72) GALITZ, Charles M.; ABRAHAMSON, Kent; MCLENNAN, Kevin P.  
 (74) Spruson & Ferguson

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(71) AbbVie Inc.  
 (11) AU-A-2019275659  
 (21) 2019275659 (22) 06.12.2019  
 (54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 31/56** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61K 45/06** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2017258097  
 (72) TIMONY, Gregg; GUJRATHI, Sheila; PEACH, Robert; OLSON, Allan  
 (74) Spruson & Ferguson

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019203386  
 (21) 2019203386 (22) 14.05.2019  
 (54) DATA VALIDATION  
 (51) Int. Cl.  
     **G06Q 40/00** ( 2012.01 )  
     **G06F 17/27** ( 2006.01 )  
 (31) 16/002,516 (32) 07.06.18 (33) US  
 (43) 02.01.2020  
 (72) LI, Chung-Sheng; MUNGUIA TAPIA, Emmanuel; GHORBANI, Mohammad; FAN, Jingyun; BHOWAL, Priyankar; CLUNE, David; SINGH, Sumraat  
 (74) Murray Trento & Associates Pty Ltd

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(71) ACIPLATANE Pty Ltd  
 (11) AU-A-2019203972  
 (21) 2019203972 (22) 06.06.2019  
 (54) LIFTING APPARATUS  
 (51) Int. Cl.  
     **E04G 23/06** ( 2006.01 )  
     **B66F 1/02** ( 2006.01 )  
     **E04G 25/00** ( 2006.01 )  
 (31) 2018902040 (32) 06.06.18 (33) AU  
 (43) 02.01.2020  
 (72) Nixon, Bret  
 (74) HoppgoodGanim

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(71) Action Sports Equipment Pty Ltd  
 (11) AU-A-2019275644  
 (21) 2019275644 (22) 06.12.2019  
 (54) Trampoline equipment and methods  
 (51) Int. Cl.  
     **A63B 5/11** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2017213240  
 (72) Seaman, Robert Brian; Jones, David Andrew; Hunter, Murray David Kirby; Blattmann, Lee David  
 (74) Acacia Law

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(71) Aerovironment, Inc.  
 (11) AU-A-2019275622  
 (21) 2019275622 (22) 05.12.2019  
 (54) Mounting system for mechanical-shock resistant printed circuit board (PCB)  
 (51) Int. Cl.  
     **B64C 1/06** ( 2006.01 )  
     **H05K 1/02** ( 2006.01 )  
     **H05K 1/18** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2016232834  
 (72) Nicoloff, William John  
 (74) Shelston IP Pty Ltd.

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(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2019275561  
 (21) 2019275561 (22) 03.12.2019  
 (54) COMPOSITIONS AND METHODS DIRECTED TO TREATING LIVER FIBROSIS  
 (51) Int. Cl.  
     **A61K 31/7088** ( 2006.01 )  
     **A61P 1/16** ( 2006.01 )  
     **C07H 21/00** ( 2006.01 )  
     **C12N 15/113** ( 2010.01 )  
 (43) 02.01.2020  
 (62) 2017232114  
 (72) Novobrantseva, Tatiana; Bettencourt, Brian; Hinkle, Greg; Kotelianski, Victor; Sehgal, Alfica  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2019268153  
 (21) 2019268153 (22) 21.11.2019  
 (54) Management of computing sessions  
 (51) Int. Cl.  
     **G06F 9/455** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2017232148  
 (72) FARRELL, Eugene, Michael; SURY-ANARAYANAN, Deepak; LAKSHMANAN, Vivek; BROWN, David Everard; BRACE, Colin Harrison  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2019275575  
 (21) 2019275575 (22) 04.12.2019  
 (54) Sharing video footage from audio/video recording and communication devices  
 (51) Int. Cl.  
     **H04N 7/18** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2017223188  
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 (74) LAMINAR IP PTY LTD

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 (21) 2019275548

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(71) AMURI PRODUCTS LIMITED  
 (11) AU-A-2019204097  
 (21) 2019204097 (22) 12.06.2019  
 (54) ADJUSTABLE BEAM CLAMP  
 (51) Int. Cl.  
     **E04D 3/36** ( 2006.01 )  
     **E04B 1/24** ( 2006.01 )  
     **E04B 1/58** ( 2006.01 )  
     **F16B 2/12** ( 2006.01 )  
     **F16M 13/02** ( 2006.01 )  
 (31) 743392 (32) 12.06.18 (33) NZ  
 (43) 02.01.2020  
 (72) LARSEN, Lionel Harald Olaf  
 (74) James & Wells Intellectual Property

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(71) Andreatta, A.  
 (11) AU-A-2018204019  
 (21) 2018204019 (22) 06.06.2018  
 (54) Title :COBEN Concrete Bench/Seat fixed or freestanding in various sizes , to be used in public or private recreational spaces,Activity Centres, Streetscapes, Parks and Gardens, Sporting Reseves as well as transport spaces such as bus stops , taxi stands and train stations  
 (51) Int. Cl.  
     **A47C 5/00** ( 2006.01 )  
     **A47C 11/00** ( 2006.01 )  
 (43) 02.01.2020  
 (72) Andreatta, Angelo Antonio  
 (74) Angelo Antonio Andreatta

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(71) Antecip Bioventures II LLC  
 (11) AU-A-2019275593  
 (21) 2019275593 (22) 04.12.2019  
 (54) COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN

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**A61K 31/485** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
(43) 02.01.2020  
(62) 2019236614  
(72) Tabuteau, Herriot  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) AQUATICA NZ LIMITED  
(11) AU-A-2019203677  
(21) 2019203677 (22) 27.05.2019  
(54) Tap or Faucet With Safety Interlock for Near-Boiling and Chilled Water  
(51) Int. Cl.  
**F16K 31/60** ( 2006.01 )  
**F16K 35/02** ( 2006.01 )  
(31) 2018902037 (32) 06.06.18 (33) AU  
(43) 02.01.2020  
(72) Becroft, Leonard Forsdick  
(74) Donald Rivers Ensor
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- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2019204053  
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(54) PROVIDING A PREDETERMINED RETURN-TO-PLAYER FOR A SKILL-BASED WAGERING MACHINE  
(51) Int. Cl.  
**G07F 17/34** ( 2006.01 )  
(31) 16/020,012 (32) 27.06.18 (33) US  
16/006,507 12.06.18 US  
(43) 02.01.2020  
(72) BOLLING, T. Grant  
(74) Griffith Hack
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(21) 2019204057 (22) 11.06.2019  
(54) SKILL-BASED WAGERING MACHINE PROVIDING A PREDETERMINED RETURN-TO-PLAYER  
(51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
(31) 16/019,975 (32) 27.06.18 (33) US  
16/006,507 12.06.18 US  
(43) 02.01.2020  
(72) BOLLING, T. Grant  
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2019204066  
(21) 2019204066 (22) 11.06.2019  
(54) CONTROLLED RETURN TO PLAYER IN A SKILL-BASED WAGERING GAME  
(51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
(31) 16/006,507 (32) 12.06.18 (33) US  
(43) 02.01.2020  
(72) BOLLING, T. Grant  
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(11) AU-A-2019253910  
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(54) ADAPTIVE DISPLAY SYSTEM AND METHOD FOR A GAMING MACHINE  
(51) Int. Cl.  
**G06F 15/00** ( 2006.01 )  
**A63F 13/00** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
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(62) 2018204728  
(72) KAMMLER, Keith Donald  
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2019275564  
(21) 2019275564 (22) 03.12.2019  
(54) GAMING DEVICE WITH MULTIPLIER METER  
(51) Int. Cl.  
**A63F 13/46** ( 2014.01 )  
**G07F 17/34** ( 2006.01 )  
(43) 02.01.2020  
(62) 2018204151  
(72) SATTERLIE, Eric; PRYOR, Chantrelle; LOMBARDO, Paul; SANDERS, Liam; MEYER, Jason; PENACHO, Gary; FINCH, Patrick  
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2019275635  
(21) 2019275635 (22) 05.12.2019  
(54) GAMING SYSTEM WITH ELIMINATION FEATURE  
(51) Int. Cl.  
**G07F 7/00** ( 2006.01 )  
(43) 02.01.2020  
(62) 2017210569  
(72) DAVIES, Clive Evan  
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2019275667  
(21) 2019275667 (22) 06.12.2019  
(54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC BONUS GAME  
(51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
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(62) 2018204238  
(72) BOLLING, T. Grant; CASEY, Michael P.  
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(21) 2019275670 (22) 06.12.2019  
(54) GAMING MACHINE HAVING SEPARATED FEATURE GAMES  
(51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
(43) 02.01.2020  
(62) 2018204241  
(72) SATTERLIE, Eric; UBERUAGA, Christmas  
(74) Griffith Hack
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(54) Substituted pyrazolo[1,5-a]pyrimidine compounds as TRK kinase inhibitors  
(51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
(43) 02.01.2020  
(62) 2017268517  
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- (71) Aurora Flight Sciences Corporation  
(11) AU-A-2019201954  
(21) 2019201954 (22) 20.03.2019  
(54) System and method to reflect radar using aircraft  
(51) Int. Cl.  
**G01S 13/00** ( 2006.01 )  
(31) 16/003,709 (32) 08.06.18 (33) US  
(43) 02.01.2020  
(72) Choi, Jae-Woo; Abramov, Boris; Paduano, James D.  
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- (71) Avery Dennison Corporation; PPG Coatings Europe BV  
(11) AU-A-2019275669  
(21) 2019275669 (22) 06.12.2019  
(54) Self adhesive fouling release coating composition  
(51) Int. Cl.  
**C09D 5/16** ( 2006.01 )  
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(62) 2016212197  
(72) Michel, Gautier; Siraux, Guy; Perotti, Daniele; Van Der Kolk, Kees; Courtin, Jacques  
(74) Watermark Intellectual Property Pty Ltd

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 (21) 2019275589 (22) 04.12.2019  
 (54) Self-provisioning access control  
 (51) Int. Cl.  
**G06F 7/04** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Baylor College of Medicine  
 (11) AU-A-2019275678  
 (21) 2019275678 (22) 09.12.2019  
 (54) TARGETING CD138 IN CANCER  
 (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/14** ( 2006.01 )  
 (43) 02.01.2020  
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 (72) Dotti, Gianpietro; Ramos, Carlos A.; Savoldo, Barbara  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Becton, Dickinson and Company  
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 (21) 2019275641 (22) 06.12.2019  
 (54) Blood sample management using open cell foam  
 (51) Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/151** ( 2006.01 )  
**A61B 10/00** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 8/24** ( 2006.01 )  
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**A61K 8/36** ( 2006.01 )  
**A61K 8/362** ( 2006.01 )  
**A61K 8/365** ( 2006.01 )  
**A61K 8/55** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2015252336  
 (72) Weinert, Katrin; Borchers, Kathrin; Schade, Tatjana; Bleckmann, Andreas  
 (74) Shelston IP Pty Ltd.

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 (11) AU-A-2018400528  
 (21) 2018400528 (22) 18.09.2018

(54) Damper position-limiting device, tower and wind turbine  
 (51) Int. Cl.  
**F03D 13/20** ( 2016.01 )  
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 (72) Guo, Dadong; Shan, Donghua  
 (74) Madderns Pty Ltd

(71) Berkeley Lights, Inc.  
 (11) AU-A-2019275650  
 (21) 2019275650 (22) 06.12.2019  
 (54) Microfluidic devices having isolation pens and methods of testing biological micro-objects with same  
 (51) Int. Cl.  
**C12M 1/24** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**G01N 35/08** ( 2006.01 )  
 (43) 02.01.2020  
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(71) Blackhawk Network, Inc.  
 (11) AU-A-2019275656  
 (21) 2019275656 (22) 06.12.2019  
 (54) Efficient stored-value card transactions  
 (51) Int. Cl.  
**G06Q 40/00** ( 2006.01 )  
**G06Q 20/22** ( 2012.01 )  
**G06Q 20/28** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
 (43) 02.01.2020  
 (62) 2018201066  
 (72) ANSARI, Ansar  
 (74) Davies Collison Cave Pty Ltd

(71) Boehringer Ingelheim Animal Health USA Inc.  
 (11) AU-A-2019275585  
 (21) 2019275585 (22) 04.12.2019  
 (54) PRRSV minor protein-containing recombinant viral vectors and methods of making and use thereof  
 (51) Int. Cl.  
**C07K 14/08** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
 (43) 02.01.2020  
 (62) 2016282772  
 (72) MEBATSION, Teshome; KASSA, Aemro; KIM, Taejoong  
 (74) FB Rice Pty Ltd

(71) Breville Pty Limited  
 (11) AU-A-2019275617  
 (21) 2019275617 (22) 05.12.2019  
 (54) Blender for food and beverages  
 (51) Int. Cl.  
**A47J 43/046** ( 2006.01 )  
**B01F 7/16** ( 2006.01 )  
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(71) Broinowski, S.  
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 (54) Marine ducted propeller jet propulsion system  
 (51) Int. Cl.  
**B63H 11/08** ( 2006.01 )  
**B63H 11/113** ( 2006.01 )  
**B63H 11/117** ( 2006.01 )  
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 (72) BROINOWSKI, Stefan  
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 (11) AU-A-2019275545  
 (21) 2019275545 (22) 03.12.2019  
 (54) Marine ducted propeller jet propulsion system  
 (51) Int. Cl.  
**B63H 11/08** ( 2006.01 )  
**B63H 11/113** ( 2006.01 )  
**B63H 11/117** ( 2006.01 )  
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 (72) BROINOWSKI, Stefan  
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(71) Brown, D.  
 (11) AU-A-2019275551  
 (21) 2019275551 (22) 03.12.2019  
 (54) Compositions and methods to improve the therapeutic benefit of indirubin and analogs thereof, including meisoindigo  
 (51) Int. Cl.  
**A61K 31/497** ( 2006.01 )  
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 (62) 2018200361  
 (72) BROWN, Dennis  
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(71) Burgis, W.; Burgis, A.; Vo, T.T.T.  
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 (51) Int. Cl.  
**E03D 9/02** ( 2006.01 )  
**A47K 17/00** ( 2006.01 )  
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(71) Butsonian Enterprises Pty Ltd  
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 (54) Medical Shield  
 (51) Int. Cl.  
**A61B 6/10** ( 2006.01 )  
**A61N 5/10** ( 2006.01 )  
**G21F 3/00** ( 2006.01 )

(43) 02.01.2020  
 (72) Butson, Macinley  
 (74) Freshwater IP

(71) Candace Guidance Signage Ltd.  
 (11) AU-A-2019204029  
 (21) 2019204029 (22) 07.06.2019  
 (54) Tactile Marker and Manufacturing Method  
 (51) Int. Cl.  
**E01F 9/553** ( 2016.01 )  
**E01C 15/00** ( 2006.01 )  
 (31) 18107519.7 (32) 11.06.18 (33) HK  
 (43) 02.01.2020  
 (72) Fung, Chun Hung  
 (74) LAMINAR IP PTY LTD

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2018204004  
 (21) 2018204004 (22) 06.06.2018  
 (54) Method, system and apparatus for selecting frames of a video sequence  
 (51) Int. Cl.  
**H04N 21/00** ( 2011.01 )  
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(71) CareFusion 303, Inc.  
 (11) AU-A-2019275618  
 (21) 2019275618 (22) 05.12.2019  
 (54) Managing medications at the bedside  
 (51) Int. Cl.  
**A61J 7/00** ( 2006.01 )  
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 (62) 2015357521  
 (72) Latorraca, Gary; Larrabee, Kelly; Utech, Thomas; Urankar, Jitendra; Eldredge, Guy; Burgess, Brendan; Jaskela, Maria  
 (74) FB Rice Pty Ltd

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 (11) AU-A-2019279901  
 (21) 2019279901 (22) 09.12.2019  
 (54) Zero reflux female valve with small priming volume  
 (51) Int. Cl.  
**A61M 39/22** ( 2006.01 )  
**A61M 39/02** ( 2006.01 )

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 (62) 2019201757  
 (72) Mansour, George Michel  
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(71) CFPH, LLC  
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 (54) CARD GAME WITH RAKE  
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**A63F 9/24** ( 2006.01 )  
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 (72) FLAHERTY, Phillip  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Formation core sample holder assembly and testing method for nuclear magnetic resonance measurements  
 (51) Int. Cl.  
**G01R 33/30** ( 2006.01 )  
**G01N 24/08** ( 2006.01 )  
**G01V 3/32** ( 2006.01 )  
**G01R 33/44** ( 2006.01 )

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 (72) Yang, Zheng; Sun, Boqin; Zintsmaster, John S.; Latorraca, Gerald; Pradhan, Ajit R.  
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 (11) AU-A-2019268206  
 (21) 2019268206 (22) 22.11.2019  
 (54) MISSION-BASED, GAME-IMPLEMENTED CYBER TRAINING SYSTEM AND METHOD  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
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 (62) 2016327973  
 (72) MORTON, Gary; MIHELIC, Mark; MONIZ, Michael; THORNTON, Paul; PRESSLEY, Ryan; LEE, Laura  
 (74) Baxter Patent Attorneys Pty Ltd

(71) CJ Cheiljedang Corporation  
 (11) AU-A-2018386357  
 (21) 2018386357 (22) 21.06.2018  
 (54) Microorganism of the genus Corynebacterium producing 5'-xanthosine monophosphate and method for preparing 5'-xanthosine monophosphate using the same  
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**C12N 1/21** ( 2006.01 )

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(71) Clarity, Inc.  
 (11) AU-A-2019203960  
 (21) 2019203960 (22) 06.06.2019  
 (54) Cups and containers with a living hinge and sleeves  
 (51) Int. Cl.  
**B65D 43/16** ( 2006.01 )  
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 (72) Tobias, Glenn  
 (74) Watermark Intellectual Property Pty Ltd

(71) CNH Industrial America LLC  
 (11) AU-A-2019204107  
 (21) 2019204107 (22) 12.06.2019  
 (54) Knife drive with integral hydraulic motor for a header of an agricultural harvester  
 (51) Int. Cl.  
**A01D 34/30** ( 2006.01 )  
**A01D 34/14** ( 2006.01 )  
 (31) 16/006,121 (32) 12.06.18 (33) US  
 (43) 02.01.2020  
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(71) Commonwealth Scientific and Industrial Research Organisation  
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 (54) Object monitoring system  
 (51) Int. Cl.  
**G08B 21/22** ( 2006.01 )  
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 (72) Valencia, Philip Juan; Heaney, Nicholas Alexander  
 (74) Davies Collison Cave Pty Ltd

(71) Concentric Ag Corporation  
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 (54) Microbial compositions and methods  
 (51) Int. Cl.  
**A01N 63/02** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 1/14** ( 2006.01 )

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 (72) Bywater-Ekegard, Margaret; Fitzsimmons, Ananda  
 (74) FPA Patent Attorneys Pty Ltd

(71) Covidien LP  
 (11) AU-A-2019275668  
 (21) 2019275668 (22) 06.12.2019  
 (54) Powered surgical stapling device  
 (51) Int. Cl.

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**(62)** 2019202294  
**(72)** ZEMLOK, Michael A.; ROSS, Adam J.  
**(74)** Spruson & Ferguson

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**(21)** 2019275538

**(71)** DEKA Products Limited Partnership  
**(11)** AU-A-2019275634  
**(21)** 2019275634 **(22)** 05.12.2019  
**(54)** Syringe pump having a pressure sensor assembly  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )

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**(62)** 2015218864  
**(72)** DESCH, Martin D.; GRAY, Larry B.; BODWELL, Jesse T.; VAN DER MERWE, Dirk A.  
**(74)** Griffith Hack

**(71)** Dentsply Sirona Inc; DeGuDent GmbH  
**(11)** AU-A-2019275538  
**(21)** 2019275538 **(22)** 03.12.2019  
**(54)** BLANK AND DENTAL RESTORATION  
**(51)** Int. Cl.  
**A61C 13/00** ( 2006.01 )  
**A61C 13/083** ( 2006.01 )  
**A61C 13/09** ( 2006.01 )

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**(62)** 2016383549  
**(72)** Völkl, Lothar; Fecher, Stefan; Kutzner, Martin; Hörhold, Heiner  
**(74)** Patent Attorney Services

**(71)** Derivative Technology, LLC  
**(11)** AU-A-2018203906  
**(21)** 2018203906 **(22)** 02.06.2018  
**(54)** Adaptive security-framework driven, self-organizing, context-aware method for information security governance  
**(51)** Int. Cl.  
**G06Q 10/10** ( 2012.01 )

**(43)** 02.01.2020  
**(72)** Orhun, Efe; Archibald, Matthew; Brauchhausen, Orhun, Jill  
**(74)** Derivative Technology, LLC

**(71)** DIAMANTI, INC.  
**(11)** AU-A-2019275539  
**(21)** 2019275539 **(22)** 03.12.2019  
**(54)** METHODS AND SYSTEMS FOR CONVERGED NETWORKING AND STORAGE  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**G06F 3/06** ( 2006.01 )

**(43)** 02.01.2020  
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**(72)** CHOU, Jeffrey; SHARMA, Gopal; GUHA, Amitava; FONG, Kevin; GANESH, Jayasenan Sundara  
**(74)** AJ PARK

**(71)** Diehl Defence GmbH & Co. KG  
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**(21)** 2019203736 **(22)** 28.05.2019  
**(54)** Radiation source for microwave pulses and radiation device  
**(51)** Int. Cl.  
**H01Q 1/36** ( 2006.01 )  
**(31)** 10 2018 004 568.5 **(32)** 08.06.18 **(33)** DE  
**(43)** 02.01.2020  
**(72)** STARK, Robert; HERTEL, Martin  
**(74)** Spruson & Ferguson

**(71)** Dow AgroSciences LLC  
**(11)** AU-A-2019275636  
**(21)** 2019275636 **(22)** 06.12.2019  
**(54)** Herbicidal compositions containing 4-amino-3-chloro-6-(4-chloro-2-fluouro-3-methoxyphenyl) pyridine-2-carboxylic acid or a derivative thereof and a cell membrane disruptor herbicide or a derivative thereof  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**(43)** 02.01.2020  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Echo 360, Inc.  
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**(54)** METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE  
**(51)** Int. Cl.  
**H04N 5/232** ( 2006.01 )  
**(43)** 02.01.2020  
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**(74)** RnB IP Pty Ltd

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**(54)** FLURO-INORGANICS FOR INHIBITING OR REMOVING SILICA OR METAL SILICATE DEPOSITS  
**(51)** Int. Cl.  
**C09K 8/528** ( 2006.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
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**(21)** 2019275639 **(22)** 06.12.2019  
**(54)** HEADGEAR FOR BREATHING MASK  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**(43)** 02.01.2020  
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**(71)** FISHER & PAYKEL HEALTHCARE LIMITED  
**(11)** AU-A-2019275640  
**(21)** 2019275640 **(22)** 06.12.2019  
**(54)** IMPROVEMENTS TO FLOW THERAPY  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**(43)** 02.01.2020  
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**(72)** WHITE, Craig Karl; EVANS, Alicia Jerram Hunter; OLDFIELD, Samantha Dale; SPENCE, Callum James Thomas; JAVED, Salman Mansoor  
**(74)** AJ PARK

**(71)** Genus, plc  
**(11)** AU-A-2019275526  
**(21)** 2019275526 **(22)** 02.12.2019  
**(54)** Method of breeding cows for improved milk yield  
**(51)** Int. Cl.  
**A01K 67/02** ( 2006.01 )  
**(43)** 02.01.2020  
**(62)** 2016301159  
**(72)** Dattilo, Katrina; Zare, Yalda; Marquez Betz, Gabriela Carolina; Stephan, Kaleena; Starkenburg, Ryan; Vergara, Cristian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** GETINGE LA CALHENE  
**(11)** AU-A-2019203990  
**(21)** 2019203990 **(22)** 07.06.2019  
**(54)** Transfer system for sealed enclosure comprising a device for sealed connection with a closed volume  
**(51)** Int. Cl.  
**B25J 21/00** ( 2006.01 )  
**B01L 1/02** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B25J 18/00** ( 2006.01 )  
**G21F 7/005** ( 2006.01 )  
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 (54) Sample array coding for low-delay  
 (51) Int. Cl.  
*H04N 19/13* ( 2014.01 )  
*H03M 7/40* ( 2006.01 )  
*H04N 19/167* ( 2014.01 )  
*H04N 19/174* ( 2014.01 )

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 (21) 2019275625 (22) 05.12.2019  
 (54) Human immunodeficiency virus neutralizing antibodies  
 (51) Int. Cl.  
*C07K 16/10* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )

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 (62) 2016370591  
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2019279900 (22) 09.12.2019  
 (54) Modulators of toll-like receptors for the treatment of HIV  
 (51) Int. Cl.  
*A61K 31/496* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61P 31/18* ( 2006.01 )

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 (11) AU-A-2019275607  
 (21) 2019275607 (22) 04.12.2019  
 (54) SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS FOR THEIR USE IN INCREASING TISSUE OXYGENATION  
 (51) Int. Cl.  
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 (54) EFFICIENT COMMUNICATION FOR DEVICES OF A HOME NETWORK  
 (51) Int. Cl.  
*H04L 12/28* ( 2006.01 )  
*H04L 12/701* ( 2013.01 )  
*H04L 29/06* ( 2006.01 )  
*H04L 29/12* ( 2006.01 )  
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 (54) MESH NETWORK COMMISSIONING  
 (51) Int. Cl.  
*H04W 12/06* ( 2009.01 )  
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 (51) Int. Cl.  
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 (54) EFFICIENT NETWORK LAYER FOR IPV6 PROTOCOL  
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*H04L 29/06* ( 2006.01 )  
*H04L 12/28* ( 2006.01 )  
*H04W 40/02* ( 2009.01 )  
*H04W 40/24* ( 2009.01 )

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 (54) Water pump and aquarium equipment comprising the water pump  
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*A01K 63/04* ( 2006.01 )

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*H01M 10/44* ( 2006.01 )

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*G02B 23/08* ( 2006.01 )  
*F41H 7/00* ( 2006.01 )

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 (74) Griffith Hack

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 (11) AU-A-2019275590  
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 (54) A Composition For Treating Diabetes Or Diabetes Comprising Oxymetformin Analog  
 (51) Int. Cl.  
*C07K 14/605* ( 2006.01 )  
*A61K 38/26* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )

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 (74) WRAYS PTY LTD

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 (51) Int. Cl.  
*G06Q 50/20* ( 2012.01 )  
*G06F 15/00* ( 2006.01 )



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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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(21) 2019202946 (22) 26.04.2019  
(54) Molten metal samplers for high and low oxygen applications  
(51) Int. Cl.  
**G01N 1/12** ( 2006.01 )  
**G01N 1/10** ( 2006.01 )  
**G01N 33/20** ( 2019.01 )
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(54) Improved molten metal sampler  
(51) Int. Cl.  
**G01N 1/20** ( 2006.01 )
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(43) 02.01.2020  
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(54) Connector device. The present invention relates to a connector device having application in the procedure of introducing an object into or through a passageway of a body, such as introducing an endotracheal tube into an airway.  
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**A61M 16/04** ( 2006.01 )
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(74) Christopher A. Hill
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(51) Int. Cl.  
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**E06B 9/68** ( 2006.01 )
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**G07C 11/00** ( 2006.01 )  
**H04W 4/02** ( 2018.01 )
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(54) Conjugation methods  
(51) Int. Cl.  
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**A61K 51/00** ( 2006.01 )
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(54) Methods for identifying video segments and displaying option to view from an alternative source and/or on an alternative device  
(51) Int. Cl.  
**H04N 21/234** ( 2011.01 )  
**H04N 21/472** ( 2011.01 )  
**H04N 21/4722** ( 2011.01 )  
**H04N 21/658** ( 2011.01 )
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(51) Int. Cl.  
**A61F 2/82** ( 2006.01 )  
**A61F 2/86** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61M 29/04** ( 2006.01 )  
**A61F 2/92** ( 2006.01 )
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(51) Int. Cl.  
**A61K 31/277** ( 2006.01 )  
**A61K 31/325** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
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- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
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**G05F 1/70** ( 2006.01 )
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- (71) Kingspan Insulation Pty Ltd  
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(54) Developments in perforated sheeting  
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**F16L 59/02** ( 2006.01 )  
**E04B 1/62** ( 2006.01 )  
**E04B 1/64** ( 2006.01 )  
**F16L 59/08** ( 2006.01 )
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 (54) Work machine management system, work machine control system, and work machine  
 (51) Int. Cl.  
*B60Q 1/34* ( 2006.01 )  
*B60Q 1/38* ( 2006.01 )  
*E02F 9/20* ( 2006.01 )  
*G05D 1/02* ( 2006.01 )  
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 (54) Construction management system and construction management method  
 (51) Int. Cl.  
*G06Q 50/08* ( 2012.01 )  
*E02D 17/18* ( 2006.01 )  
*E02F 9/20* ( 2006.01 )  
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*F16M 11/04* ( 2006.01 )  
*F16M 11/24* ( 2006.01 )  
*H02B 1/26* ( 2006.01 )  
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(71) MasterCard International Incorporated  
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 (54) Systems and methods for authenticat- ing an online user using a secure au- thorization server  
 (51) Int. Cl.  
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*A01D 41/12* ( 2006.01 )  
*A01D 75/00* ( 2006.01 )  
*A01F 12/42* ( 2006.01 )  
*A01F 12/44* ( 2006.01 )  
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 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (21) 2019275608 (22) 05.12.2019  
 (54) Preserved compositions containing hy- aluronic acid or a pharmaceutically-ac- ceptable salt thereof and related meth- ods  
 (51) Int. Cl.  
*A61K 47/18* ( 2006.01 )  
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 (54) Multi-Articulated Goods-Carrying Road Vehicle  
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 (54) Improved peptide pharmaceuticals  
 (51) Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A61K 31/35* ( 2006.01 )  
*A61K 38/08* ( 2006.01 )  
*A61P 5/00* ( 2006.01 )  
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 (74) AJ PARK

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 (74) Phillips Ormonde Fitzpatrick

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*C07D 487/04* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61P 19/08* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (43) 02.01.2020  
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 (74) Spruson & Ferguson

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 (11) AU-A-2019203987  
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 (54) METHOD FOR REAL-TIME AUTHOR- IZATION WITHIN A PUSH TO TALK

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**(51)** Int. Cl.  
*H04W 4/08* ( 2009.01 )  
*G06F 21/30* ( 2013.01 )  
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**(43)** 02.01.2020  
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**(74)** Phillips Ormonde Fitzpatrick
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- (71)** NanoString Technologies, Inc.  
**(11)** AU-A-2019275665  
**(21)** 2019275665 **(22)** 06.12.2019  
**(54)** Enzyme- and amplification-free sequencing  
**(51)** Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
**(43)** 02.01.2020  
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**(74)** Spruson & Ferguson
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- (71)** Otonomy, Inc.  
**(11)** AU-A-2019275578  
**(21)** 2019275578 **(22)** 04.12.2019  
**(54)** Sterilization of ciprofloxacin composition  
**(51)** Int. Cl.  
*C07D 215/56* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
**(43)** 02.01.2020  
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**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2019275529  
**(21)** 2019275529 **(22)** 02.12.2019  
**(54)** Outcome Determination Method for Gaming Device  
**(51)** Int. Cl.  
*A63F 13/00* ( 2006.01 )  
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**(72)** Acres, John F.  
**(74)** Golja Haines & Friend
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**(51)** Int. Cl.  
*G06T 5/50* ( 2006.01 )  
**(31)** 2018902060 **(32)** 07.06.18 **(33)** AU  
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**(72)** Pavic, Boris  
**(74)** Patentec Patent Attorneys
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**(11)** AU-A-2019275615
- (21)** 2019275615 **(22)** 05.12.2019  
**(54)** CLASSIFYING USER BEHAVIOR AS ANOMALOUS  
**(51)** Int. Cl.  
*G06F 21/31* ( 2013.01 )  
*G06F 21/55* ( 2013.01 )  
*H04L 29/06* ( 2006.01 )  
**(43)** 02.01.2020  
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**(72)** Yu, Jin; Radhakrishnan, Regunathan; Kondaveeti, Anirudh  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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**(21)** 2019275669
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- (71)** Precision Planting LLC  
**(11)** AU-A-2019275628  
**(21)** 2019275628 **(22)** 05.12.2019  
**(54)** Seed planting apparatus, systems and methods  
**(51)** Int. Cl.  
*A01C 7/04* ( 2006.01 )  
**(43)** 02.01.2020  
**(62)** 2015346218  
**(72)** SCHAEFER, Tim; RADTKE, Ian  
**(74)** Spruson & Ferguson
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- (71)** Project Simpel Pty Ltd  
**(11)** AU-A-2019203793  
**(21)** 2019203793 **(22)** 30.05.2019  
**(54)** Systems and methods for recording and/or processing property defects  
**(51)** Int. Cl.  
*G06Q 50/16* ( 2012.01 )  
*G06Q 10/06* ( 2012.01 )  
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**(51)** Int. Cl.  
*E06B 11/02* ( 2006.01 )  
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**(74)** Grant Michael Scanlen
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**(21)** 2019203775 **(22)** 29.05.2019  
**(54)** TOMATO HYBRID SVTM9003 AND PARENTS THEREOF  
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*A01H 6/82* ( 2018.01 )  
*A01H 5/08* ( 2018.01 )  
*A01H 5/10* ( 2018.01 )
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**(43)** 02.01.2020  
**(72)** Kramer, Chad  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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**(21)** 2019264677 **(22)** 15.11.2019  
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**(51)** Int. Cl.  
*C06B 47/00* ( 2006.01 )  
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**(72)** Senules, Jeffrey S.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Series International, LLC  
**(11)** AU-A-2019204076  
**(21)** 2019204076 **(22)** 11.06.2019  
**(54)** Chair frame with injection molded foam padding  
**(51)** Int. Cl.  
*A47C 5/12* ( 2006.01 )  
*A47C 1/124* ( 2006.01 )  
*A47C 3/04* ( 2006.01 )  
*A47C 7/18* ( 2006.01 )  
*A47C 7/44* ( 2006.01 )  
*A47C 7/72* ( 2006.01 )  
**(31)** 62/682,486 **(32)** 08.06.18 **(33)** US  
 16/431,196 04.06.19 US  
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**(72)** Olarte, Alvaro Mauricio  
**(74)** Shelston IP Pty Ltd.
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- (71)** Series International, LLC  
**(11)** AU-A-2019204079  
**(21)** 2019204079 **(22)** 11.06.2019  
**(54)** Folding chair with reduced footprint  
**(51)** Int. Cl.  
*A47C 1/121* ( 2006.01 )  
**(31)** 62/682,460 **(32)** 08.06.18 **(33)** US  
 16/434,386 07.06.19 US  
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**(11)** AU-A-2019275549  
**(21)** 2019275549 **(22)** 03.12.2019  
**(54)** A device for locating a position for at least one hole and a hole position-locating system  
**(51)** Int. Cl.  
*B25H 7/00* ( 2006.01 )  
*E05D 11/00* ( 2006.01 )  
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**(72)** Hussein, Nizar Bou  
**(74)** Davies Collison Cave Pty Ltd
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**A01N 59/00** ( 2006.01 )  
**A01N 25/08** ( 2006.01 )  
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**A01N 25/34** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
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**C23C 22/05** ( 2006.01 )  
**C23C 22/07** ( 2006.01 )  
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(71) Software Motor Company  
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**H02P 6/18** ( 2016.01 )  
**H02K 1/14** ( 2006.01 )  
**H02K 1/24** ( 2006.01 )  
**H02P 25/08** ( 2016.01 )  
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**A61B 17/16** ( 2006.01 )
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(54) METHOD AND DEVICE FOR VAPORIZATION AND INHALATION OF ISOLATED SUBSTANCES

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**A24F 47/00** ( 2006.01 )  
**A61M 11/04** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )

**A61M 16/20** ( 2006.01 )  
**A61J 1/03** ( 2006.01 )

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**E06B 9/24** ( 2006.01 )  
**A47H 13/01** ( 2006.01 )  
**A47H 23/06** ( 2006.01 )

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(54) Method of treating alveolar bone loss through the use of anti-sclerostin antibodies

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(54) FUEL ASSEMBLY

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**G21C 3/08** ( 2006.01 )  
**G21C 3/322** ( 2006.01 )  
**G21C 3/326** ( 2006.01 )  
**G21C 3/328** ( 2006.01 )  
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 (54) SYSTEMS AND METHODS FOR EX-VIVO ORGAN CARE USING LACTATE AS AN INDICATOR  
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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 (54) PROTON-BINDING POLYMERS FOR ORAL ADMINISTRATION  
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 (54) Truck with Lowerable Bed  
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 B60P 1/04 ( 2006.01 )  
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(71) Verb Surgical Inc.  
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 (54) Chlorine generator system  
 (51) Int. Cl.  
 A61H 33/00 ( 2006.01 )  
 B01D 35/02 ( 2006.01 )  
 C02F 1/46 ( 2006.01 )  
 C02F 1/68 ( 2006.01 )  
 C25B 9/08 ( 2006.01 )  
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 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 C07K 14/55 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
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 F15B 11/00 ( 2006.01 )  
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(71) Xyleco, Inc.  
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 (54) ANTENNA WITH ANTI-INTERFERENCE ARRANGEMENT AND ITS MANUFACTURING METHOD  
 (51) Int. Cl.  
 H01Q 1/00 ( 2006.01 )  
 H01Q 13/00 ( 2006.01 )  
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<b>2018203906</b>	Derivative Tecnology, LLC	<b>2019275558</b>	Mayerle, D.
<b>2018204004</b>	Canon Kabushiki Kaisha	<b>2019275559</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
<b>2018204019</b>	Andreatta, A.	<b>2019275561</b>	Alnylam Pharmaceuticals, Inc.
<b>2018204141</b>	Scanlen, G.	<b>2019275562</b>	Skydrop, LLC
<b>2018204144</b>	Butsonian Enterprises Pty Ltd	<b>2019275564</b>	Aristocrat Technologies Australia Pty Limited
<b>2018357831</b>	Xuzhou Ji'an Mining Technology Co., Ltd; China University of Mining and Technology	<b>2019275568</b>	Mechanical System Dynamics Pty Ltd
<b>2018386357</b>	CJ Cheiljedang Corporation	<b>2019275572</b>	Sha'ked Microbial Solutions Ltd
<b>2018400528</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2019275574</b>	MAKO Surgical Corp.
<b>2018423071</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019275575</b>	Amazon Technologies, Inc.
<b>2019200280</b>	Teh Yor Co., Ltd.	<b>2019275578</b>	Otonomy, Inc.
<b>2019200800</b>	Zou, G.	<b>2019275579</b>	LU, Y.Q.
<b>2019201692</b>	Burgis, W.; Burgis, A.; Vo, T.T.T.	<b>2019275581</b>	Chevron U.S.A. Inc.
<b>2019201954</b>	Aurora Flight Sciences Corporation	<b>2019275583</b>	GE Video Compression, LLC
<b>2019202946</b>	Heraeus Electro-Nite International N.V.	<b>2019275584</b>	Tricida, Inc.
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<b>2019202988</b>	Heraeus Electro-Nite International N.V.	<b>2019275587</b>	TransMedics, Inc.
<b>2019203386</b>	Accenture Global Solutions Limited	<b>2019275589</b>	Avigilon Analytics Corporation
<b>2019203414</b>	Snap-on Incorporated	<b>2019275590</b>	Hanmi Pharm. Co., Ltd
<b>2019203418</b>	Snap-on Incorporated	<b>2019275591</b>	Merck Sharp & Dohme B.V.
<b>2019203677</b>	AQUATICA NZ LIMITED	<b>2019275592</b>	Ventana Medical Systems, Inc.
<b>2019203736</b>	Diehl Defence GmbH & Co. KG	<b>2019275593</b>	Antecip Bioventures II LLC
<b>2019203775</b>	Seminis Vegetable Seeds, Inc.	<b>2019275594</b>	Syqe Medical Ltd.
<b>2019203793</b>	Project Simpel Pty Ltd	<b>2019275598</b>	MasterCard International Incorporated
<b>2019203936</b>	Armor	<b>2019275599</b>	Array BioPharma Inc.
<b>2019203945</b>	Valsch Dynamic Mechtronics Ltd.	<b>2019275604</b>	JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
<b>2019203960</b>	Clarity, Inc.	<b>2019275607</b>	Global Blood Therapeutics, Inc.; The Regents of the University of California
<b>2019203972</b>	ACIPLATANE Pty Ltd	<b>2019275608</b>	McNeil-PPC, Inc.
<b>2019203987</b>	Motorola Solutions, Inc.	<b>2019275609</b>	Watkins Manufacturing Corporation
<b>2019203990</b>	GETINGE LA CALHENE	<b>2019275610</b>	Mederis Diabetes, LLC
<b>2019204029</b>	Candace Guidance Signage Ltd.	<b>2019275612</b>	Sumitomo Metal Mining Co., Ltd.
<b>2019204053</b>	Aristocrat Technologies Australia Pty Limited	<b>2019275615</b>	Pivotal Software, Inc
<b>2019204057</b>	Aristocrat Technologies Australia Pty Limited	<b>2019275617</b>	Breville Pty Limited
<b>2019204066</b>	Aristocrat Technologies Australia Pty Limited	<b>2019275618</b>	CareFusion 303, Inc.
<b>2019204071</b>	Hunter Douglas Inc.	<b>2019275619</b>	ImmunoGen, Inc.
<b>2019204076</b>	Series International, LLC	<b>2019275620</b>	THORIUM POWER, INC.
<b>2019204079</b>	Series International, LLC	<b>2019275622</b>	Aerovironment, Inc.
<b>2019204097</b>	AMURI PRODUCTS LIMITED	<b>2019275623</b>	Echo 360, Inc.
<b>2019204107</b>	CNH Industrial America LLC	<b>2019275625</b>	Gilead Sciences, Inc.
<b>2019213355</b>	Waikato Milking LP	<b>2019275628</b>	Precision Planting LLC
<b>2019219710</b>	Guangdong BOYU Group Co., Ltd	<b>2019275629</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2019232894</b>	Pavic, B.	<b>2019275631</b>	Huawei Technologies Co., Ltd.
<b>2019253910</b>	Aristocrat Technologies Australia Pty Limited	<b>2019275632</b>	Komatsu Ltd.
<b>2019264677</b>	Senules, J.	<b>2019275634</b>	DEKA Products Limited Partnership
<b>2019268153</b>	Amazon Technologies, Inc.	<b>2019275635</b>	Aristocrat Technologies Australia Pty Limited
<b>2019268206</b>	CIRCADENCE CORPORATION	<b>2019275636</b>	Dow AgroSciences LLC
<b>2019271913</b>	Software Motor Company	<b>2019275637</b>	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH
<b>2019271923</b>	Hill, C.	<b>2019275639</b>	Fisher & Paykel Healthcare Limited
<b>2019271980</b>	Ecolab USA Inc.	<b>2019275640</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2019272054</b>	MedImmune Limited	<b>2019275641</b>	Becton, Dickinson and Company
<b>2019275525</b>	AbbVie Inc.	<b>2019275642</b>	Xencor, Inc.
<b>2019275526</b>	Genus, plc	<b>2019275643</b>	Google LLC
<b>2019275528</b>	Snap-on Incorporated	<b>2019275644</b>	Action Sports Equipment Pty Ltd
<b>2019275529</b>	Patent Investment & Licensing Company	<b>2019275648</b>	Google LLC
<b>2019275530</b>	GuS Persiscopes GmbH & Co. KG	<b>2019275650</b>	Berkeley Lights, Inc.
<b>2019275538</b>	Dentsply Sirona Inc; DeguDent GmbH	<b>2019275655</b>	Concentric Ag Corporation
<b>2019275539</b>	DIAMANTI, INC.	<b>2019275656</b>	Blackhawk Network, Inc.
<b>2019275542</b>	Broinowski, S.	<b>2019275659</b>	AbbVie Inc.
<b>2019275543</b>	CFPH, LLC	<b>2019275660</b>	Intact Vascular, Inc.
<b>2019275544</b>	Xyleco, Inc.	<b>2019275664</b>	Komatsu Ltd.
<b>2019275545</b>	Broinowski, S.	<b>2019275665</b>	NanoString Technologies, Inc.
<b>2019275547</b>	Verb Surgical Inc.		
<b>2019275548</b>	The Regents of the University of Michigan; Amgen, Inc.		
<b>2019275549</b>	Sevenco Pty Ltd		
<b>2019275551</b>	Brown, D.		

**Applications Open to Public Inspection - Numerical Index cont'd**

**2019275667** Aristocrat Technologies Australia Pty Limited  
**2019275668** Covidien LP  
**2019275669** Avery Dennison Corporation; PPG Coatings Europe BV  
**2019275670** Aristocrat Technologies Australia Pty Limited  
**2019275671** Google LLC  
**2019275673** Google LLC  
**2019275676** Hau, K.K.  
**2019275678** Baylor College of Medicine  
**2019279899** Kingspan Insulation Pty Ltd  
**2019279900** Gilead Sciences, Inc.  
**2019279901** CareFusion 303, Inc.  
**2019279902** Inscape Data, Inc.  
**2019279906** Beiersdorf AG  
**2019279909** Lineage Cell Therapeutics, Inc.

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<b>A01C 7 /-</b> 2019275628	2019204079	2019279900 2019279909	2019275604	<b>B25J 21 /-</b> 2019203990	<b>C09D 5 /-</b> 2019275669
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<b>A01D 41 /-</b> 2019275558	<b>A47C 3 /-</b> 2019204076	<b>A61K 38 /-</b> 2019275590 2019275610	<b>A61P 3 /-</b> 2019275584 2019275590	<b>B60Q 1 /-</b> 2019275632	<b>C12M 1 /-</b> 2019275650
<b>A01D 75 /-</b> 2019275558	<b>A47C 5 /-</b> 2018204019 2019204076	<b>A61K 39 /-</b> 2019275585 2019275590 2019275619 2019275625 2019275637 2019275642 2019275659	<b>A61P 31 /-</b> 2019275591 2019279900	<b>B62D 53 /-</b> 2019275568	<b>C12N 1 /-</b> 2018386357 2019275655
<b>A01F 12 /-</b> 2019275558	<b>A47C 7 /-</b> 2019204076	<b>A61K 45 /-</b> 2019275659 2019279900	<b>A61P 35 /-</b> 2019275591 2019275642	<b>B63H 11 /-</b> 2019275542 2019275545	<b>C12N 15 /-</b> 2019275561 2019275585
<b>A01G 25 /-</b> 2019275562	<b>A47H 13 /-</b> 2019200280	<b>A61K 47 /-</b> 2019275608	<b>A61P 37 /-</b> 2019275591 2019275642	<b>B64C 1 /-</b> 2019275622	<b>C12N 5 /-</b> 2019275678
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<b><u>F03D 13 /-</u></b> 2018400528	<b><u>G06F 3 /-</u></b> 2019275539	<b><u>G21F 7 /-</u></b> 2019203990	<b><u>No IPC Mark</u></b>
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<b><u>F16L 59 /-</u></b> 2019279899	<b><u>G06Q 30 /-</u></b> 2019275656	<b><u>H02K 1 /-</u></b> 2019271913	
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<b><u>F41H 7 /-</u></b> 2019275530	<b><u>G06T 5 /-</u></b> 2019232894	<b><u>H03M 7 /-</u></b> 2019275583	
<b><u>G01N 1 /-</u></b> 2019202946 2019202988 2019275592	<b><u>G07C 11 /-</u></b> 2019202976	<b><u>H04L 12 /-</u></b> 2019275643 2019275673	
<b><u>G01N 24 /-</u></b> 2019275581	<b><u>G07C 9 /-</u></b> 2019275528	<b><u>H04L 29 /-</u></b> 2019275539 2019275598 2019275615 2019275643 2019275648 2019275673	
<b><u>G01N 33 /-</u></b> 2019202946	<b><u>G07F 17 /-</u></b> 2019204053 2019204057 2019204066 2019253910 2019275543 2019275564 2019275667 2019275670	<b><u>H04N 19 /-</u></b> 2019275583 2019275631	
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<b><u>G01S 13 /-</u></b> 2019201954	<b><u>G09B 5 /-</u></b> 2019275676	<b><u>H04N 7 /-</u></b> 2019275575	
<b><u>G01V 3 /-</u></b> 2019275581	<b><u>G09B 7 /-</u></b> 2019275676	<b><u>H04W 12 /-</u></b> 2019275648	
<b><u>G02B 23 /-</u></b> 2019275530	<b><u>G21C 21 /-</u></b> 2019275620	<b><u>H04W 4 /-</u></b> 2019202976 2019203987	
<b><u>G05D 1 /-</u></b> 2019275632		<b><u>H04W 40 /-</u></b> 2019275673	
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<b><u>G06F 15 /-</u></b> 2019253910 2019275676			

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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.)

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**Access Technical Centre see The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST**  
**(21)** 2019101424

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**(71)** Apple Inc.  
**(11)** AU-A-2019101448  
**(21)** 2019101448 **(22)** 25.11.2019  
**(54)** Mobile zoom using multiple optical image stabilization cameras  
**(51)** Int. Cl.  
*H04N 5/232* ( 2006.01 )  
*G02B 13/00* ( 2006.01 )  
*G02B 15/12* ( 2006.01 )  
**(45)** 02.01.2020  
**(62)** 2019100876  
**(72)** MILLER, Scott W.; SHARMA, Shashank; LEE, Simon S.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Ayers, G.  
**(11)** AU-A-2019101219  
**(21)** 2019101219 **(22)** 05.10.2019  
**(54)** Fail safe pool gate system is designed to prevent a pool gate from being left open by accident or on purpose. The design incorporates two sliding gates with an inter-gate locking mechanism (sliding interlocking cross bar) that will only allow one of the gates to be open at any point in time. Each gate when in the open position prevents the other gate from opening. As such a swimmer must open one gate first, enter and close that gate behind them prior to being able to open the second gate. Each gate also has the traditional "top pull up locks" as their individual locking system.  
**(51)** Int. Cl.  
*E06B 11/08* ( 2006.01 )  
*E04H 4/06* ( 2006.01 )  
**(45)** 02.01.2020  
**(72)** Ayers, Gregory Peter  
**(74)** Gregory Peter Ayers

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**(71)** BCGI Industria de Maquinas e Gestao de Ativos Intangiveis SPE Ltda.  
**(11)** AU-A-2019101407  
**(21)** 2019101407 **(22)** 15.11.2019  
**(54)** System and method for the sterilization by electrolysis of the content of closed receptacles in closed receptacles and corresponding post-packaging sterilization receptacle  
**(51)** Int. Cl.  
*A23L 3/32* ( 2006.01 )  
*A61L 2/03* ( 2006.01 )

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*A61L 2/26* ( 2006.01 )  
*B65D 81/18* ( 2006.01 )  
*B65D 81/24* ( 2006.01 )  
*C25B 11/02* ( 2006.01 )  
**(45)** 02.01.2020  
**(62)** 2015296905  
**(72)** Duvoisin, Charles Adriano  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2016102430  
**(21)** 2016102430 **(22)** 19.12.2016  
**(54)** Systems and methods for predicting service time point  
**(51)** Int. Cl.  
*G06Q 10/04* ( 2012.01 )  
**(31)** 201610142876.9 **(32)** 14.03.16 **(33)** CN  
**(45)** 02.01.2020  
**(72)** Zhang, Lingyu  
**(74)** Shelston IP Pty Ltd.

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**(71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2016102431  
**(21)** 2016102431 **(22)** 14.12.2016  
**(54)** Systems and methods for determining predicted distribution of future transportation service time point  
**(51)** Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
**(31)** 201610122417.4 **(32)** 03.03.16 **(33)** CN  
**(45)** 02.01.2020  
**(72)** Zhang, Lingyu; Cheng, Wei  
**(74)** Shelston IP Pty Ltd.

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**(71)** Campbell, R.  
**(11)** AU-A-2019101324  
**(21)** 2019101324 **(22)** 31.10.2019  
**(54)** A SCALE-ABLE AND AFFORDABLE WATER PRODUCTION DEVICE FOR POTABLE WATER AND IRRIGATION. A unique application of existing technologies that utilizes an inexpensive energy source and an application of solid state electronics to produce water from air in multiple situations. The invention makes use of otherwise disregarded technologies and free energy to produce essential and emergency supplies of potable water specifically to rural settings and third world arid regions.  
**(51)** Int. Cl.

*B01D 5/00* ( 2006.01 )  
*E03B 3/28* ( 2006.01 )  
*F24F 5/00* ( 2006.01 )  
*F25B 21/02* ( 2006.01 )  
*H02S 40/42* ( 2014.01 )

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**(45)** 02.01.2020  
**(72)** Campbell, Robert Kenneth  
**(74)** Robert Kenneth Campbell

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**(71)** Carragher, D.  
**(11)** AU-A-2019101420  
**(21)** 2019101420 **(22)** 19.11.2019  
**(54)** Assembly, Exercise Apparatus, Bag therefor and associated Method of Use  
**(51)** Int. Cl.  
*A63B 21/04* ( 2006.01 )  
**(31)** 2018904417 **(32)** 19.11.18 **(33)** AU  
**(45)** 02.01.2020  
**(72)** Carragher, David Raymond  
**(74)** IP& Pty Ltd

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**Chang, P. see Zhao, Z.**  
**(21)** 2019101391

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**China Electric Power Research Institute Company Limited see North China Electric Power University**  
**(21)** 2019101413

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**(71)** Clarke, J.  
**(11)** AU-A-2019101386  
**(21)** 2019101386 **(22)** 12.11.2019  
**(54)** REMOTE LAND BASED PILOTAGE  
**(51)** Int. Cl.  
*G05D 1/00* ( 2006.01 )  
*B63J 99/00* ( 2009.01 )  
**(31)** 748387 **(32)** 15.11.18 **(33)** NZ  
**(45)** 02.01.2020  
**(72)** Clarke, John  
**(74)** AJ PARK

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**(71)** Corbett, J.  
**(11)** AU-A-2019101392  
**(21)** 2019101392 **(22)** 13.11.2019  
**(54)** A flower garden support  
**(51)** Int. Cl.  
*A01G 9/02* ( 2018.01 )  
**(31)** 2018904745 **(32)** 13.12.18 **(33)** AU  
**(45)** 02.01.2020  
**(72)** Corbett, Janet Anne  
**(74)** LESICAR MAYNARD ANDREWS PTY LTD

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**(71)** CSL Sunmaster Enterprises Co., Ltd.  
**(11)** AU-A-2019101442  
**(21)** 2019101442 **(22)** 22.11.2019  
**(54)** Roller blind and control device thereof  
**(51)** Int. Cl.  
*E06B 9/68* ( 2006.01 )  
*E06B 9/42* ( 2006.01 )

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Innovation Patents Open to Public Inspection - Name Index cont'd

(45) 02.01.2020  
(72) TAO, Yi-Chin  
(74) Spruson & Ferguson

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(71) Digilog Tech Pty Ltd  
(11) AU-A-2019101383  
(21) 2019101383 (22) 11.11.2019  
(54) HYBRID SOLAR POWER SUPPLY CONTROL SYSTEM  
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H04M 1/725 ( 2006.01 )  
H04K 3/00 ( 2006.01 )  
H04W 4/02 ( 2018.01 )  
H04W 4/40 ( 2018.01 )  
H04W 48/04 ( 2009.01 )

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A01C 15/08 ( 2006.01 )  
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F04B 1/32 ( 2006.01 )  
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(54) Dodgeball Spin - An improved sport of one-ball point-system dodgeball and method of playing that introduces side outfield players, shifting positions (rotation) of players after every point and "adults can't hit" rule which all ensures smooth flow of the game and option of adults and children playing in the same team  
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(54) METHOD FOR EVALUATING AND REGULATING CONSUMPTION CAPACITY OF REGIONAL POWER GRID FOR RENEWABLE ENERGY SOURCES  
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H02J 3/14 ( 2006.01 )  
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A45C 13/22 ( 2006.01 )  
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D06F 57/12 ( 2006.01 )  
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D06F 57/12 ( 2006.01 )  
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*H04W 12/12* ( 2009.01 )  
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 (54) Method and system to provide, control, reward and communicate allocation of peer funds to a funding facility available to an installment payments service provider to provide funding liquidity for peer purchases of goods and/or services on the basis of buy now and pay in installments  
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 (54) Pure natural nipple cream and preparation method thereof  
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*A61K 9/06* ( 2006.01 )  
*A61K 47/44* ( 2017.01 )  
*A61P 17/16* ( 2006.01 )  
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*E02D 29/14* ( 2006.01 )  
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 (54) A WATER TANK  
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 (72) CHEN, Yifei  
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**A23B 9/18** ( 2006.01 )  
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**E04H 7/22** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Folding tent with central self-lock structure  
 (51) Int. Cl.  
**E04H 15/50** ( 2006.01 )  
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2019101405	Schwantler, E.
2019101406	Ningbo Kayaka Sports Co., Ltd.
2019101407	BCGI Industria de Maquinas e Gestao de Ativos Intangiveis SPE Ltda.
2019101408	The Trustee for KJ PRATER FAMILY TRUST
2019101409	Spittle, D.
2019101411	Southwest University
2019101412	Southwest University
2019101413	North China Electric Power University; State Grid Corporation of China; State Grid Hebei Electric Power Supply Co., Ltd.; China Electric Power Research Institute Company Limited
2019101414	Thompson Meat Machinery Pty Ltd
2019101415	Muollo, G.
2019101416	Manuel, G.
2019101417	Southwest University
2019101418	Safe Barriers Development Co. Pte. Ltd
2019101419	Unikode Group Pty Ltd
2019101420	Carragher, D.
2019101421	Wilkinson, R.; Smeed, J.
2019101422	Zhejiang Jiansheng Leisure Products Co., Ltd
2019101423	Zhejiang Jiansheng Leisure Products Co., Ltd
2019101424	The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre
2019101427	Mitchell, R.; The Trustee for THE MITCHELL FAMILY TRUST
2019101428	Wuhan University
2019101430	Techtronic Outdoor Products Technology Limited
2019101431	Liberation Developments Pty Ltd
2019101433	Kaizen Nutrition Pty Ltd
2019101434	Harman, P.
2019101436	Institute of Crops, Shandong Academy of Agricultural Sciences
2019101440	Dunn, B.
2019101442	CSL Sunmaster Enterprises Co., Ltd.
2019101443	OXTI CORPORATION
2019101444	OXTI CORPORATION
2019101445	Marinic, M.
2019101448	Apple Inc.

IPC Index

<b><u>A01C 15 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>B23D 59 /-</u></b>	<b><u>E03B 3 /-</u></b>	<b><u>G01M 9 /-</u></b>	<b><u>H02J 7 /-</u></b>
2019101436	2019101388	2019101430	2019101324 2019101408	2019101391	2019101383
<b><u>A01F 25 /-</u></b>	<b><u>A61K 131 /-</u></b>	<b><u>B44D 3 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>G02B 13 /-</u></b>	<b><u>H02S 40 /-</u></b>
2018102149	2019101398	2019101409	2019101431	2019101448	2019101324
<b><u>A01G 9 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>B60J 11 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>G02B 15 /-</u></b>	<b><u>H04K 3 /-</u></b>
2019101392	2019101398	2019101393	2019101422	2019101448	2019101440
<b><u>A23B 9 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>B62B 3 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>H04M 1 /-</u></b>
2018102149	2019101398	2019101423	2019101431	2019101386	2019101440
<b><u>A23L 3 /-</u></b>	<b><u>A61L 2 /-</u></b>	<b><u>B63C 13 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>H04N 5 /-</u></b>
2019101407	2019101407	2019101406	2019101219	2019101411 2019101412 2019101417	2019101448
<b><u>A44B 11 /-</u></b>	<b><u>A61N 2 /-</u></b>	<b><u>B63J 99 /-</u></b>	<b><u>E04H 7 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>H04W 12 /-</u></b>
2019101443	2019101388	2019101386	2018102149	2016102430 2016102431 2019101405 2019101413	2019101411
<b><u>A45C 13 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>E06B 11 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H04W 4 /-</u></b>
2019101443 2019101444	2019101398	2019101407	2019101219	2019101394	2019101440
<b><u>A45C 3 /-</u></b>	<b><u>A62C 27 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>E06B 7 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H04W 48 /-</u></b>
2019101443	2019101404	2018102149	2019101390	2019101405 2019101413	2019101440
2019101443 2019101444	<b><u>A63B 21 /-</u></b>	<b><u>B66B 9 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>H04W 84 /-</u></b>
2019101420	2019101420	2019101404	2019101390 2019101442	2019101396	2019101411 2019101417
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2019101443	2019101399	2019101402	2019101376	2019101396	
<b><u>A47B 97 /-</u></b>	<b><u>A63B 67 /-</u></b>	<b><u>B66F 19 /-</u></b>	<b><u>F01K 3 /-</u></b>	<b><u>G08B 29 /-</u></b>	
2019101409	2019101445	2019101402	2019101421	2019101427	
<b><u>A47C 20 /-</u></b>	<b><u>A63B 71 /-</u></b>	<b><u>B66F 7 /-</u></b>	<b><u>F04B 1 /-</u></b>	<b><u>G08B 29 /-</u></b>	
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2019101415	2019101342	2015101976	2019101416	2019101276	
<b><u>A47F 1 /-</u></b>	<b><u>B01D 5 /-</u></b>	<b><u>C25B 11 /-</u></b>	<b><u>F21S 41 /-</u></b>	<b><u>G08C 25 /-</u></b>	
2019101433	2019101324	2019101407	2019101389	2019101276	
<b><u>A47F 10 /-</u></b>	<b><u>B02C 18 /-</u></b>	<b><u>D06F 57 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>H02J 1 /-</u></b>	
2019101433	2019101414	2019101402 2019101403	2019101421	2019101383	
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2019101419	2019101397	2019101424	2019101324	2019101419	
<b><u>A61B 5 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>E03B 11 /-</u></b>	<b><u>G01F 23 /-</u></b>		
2019101396	2019101421	2019101408	2019101428		



PCT applications which have entered the National Phase

Name Index

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

<p>(71) 3D at Depth, Inc.                      (11) AU-A-2018261777                      (21) 2018261777 (22) 04.05.2018                      (54) Systems and methods for monitoring underwater structures                      (51) Int. Cl.  <i>G01S 17/89</i> ( 2006.01 )  <i>G02B 6/00</i> ( 2006.01 )  <i>G06T 3/40</i> ( 2006.01 )                      (87) WO2018/204742                      (31) 62/501,487 (32) 04.05.17 (33) US                      (43) 08.11.2018                      (72) Embry, Carl W.; Hardy, Mark; Nickerson, Brett; Manning, Neil                      (74) Madderns Pty Ltd</p>	<p>(43) 13.06.2019                      (72) McQuiston, Beth; Datwyler, Saul; Chandran, Raj                      (74) Spruson &amp; Ferguson</p>	<p><i>B01F 15/00</i> ( 2006.01 )                      (87) WO2018/234050                      (31) 15/628,913 (32) 21.06.17 (33) US                      (43) 27.12.2018                      (72) Marstrand, Christian Savstrup; Falster-Hansen, Henrik; Martin, Denis; Hartvigsen, Alyce                      (74) Watermark Intellectual Property Pty Ltd</p>
<p>(71) 5i Corporation Pty. Limited                      (11) AU-A-2018263287                      (21) 2018263287 (22) 04.05.2018                      (54) Devices, systems and methodologies configured to enable generation, capture, processing, and/or management of digital media data                      (51) Int. Cl.  <i>G06F 3/00</i> ( 2006.01 )  <i>G06T 7/30</i> ( 2017.01 )  <i>G11B 27/02</i> ( 2006.01 )  <i>H04H 60/33</i> ( 2008.01 )  <i>H04N 21/234</i> ( 2011.01 )  <i>H04N 21/8549</i> ( 2011.01 )                      (87) WO2018/201195                      (31) 2017901732 (32) 10.05.17 (33) AU                      2017901664 05.05.17 AU                      2017901658 05.05.17 AU                      2017901662 05.05.17 AU                      2017901657 05.05.17 AU                      (43) 08.11.2018                      (72) De Saldanha, Deon Christopher; Leong, Sao Ian; Ristov, Lupco; Dimeski, John                      (74) Shelston IP Pty Ltd.</p>	<p>(71) ABB Schweiz AG                      (11) AU-A-2018267087                      (21) 2018267087 (22) 08.05.2018                      (54) Multiple fed busbar system                      (51) Int. Cl.  <i>H02B 1/20</i> ( 2006.01 )  <i>H02B 1/24</i> ( 2006.01 )                      (87) WO2018/206560                      (31) 100196 (32) 08.05.17 (33) LU                      (43) 15.11.2018                      (72) De Roo, Harm; Baiatu, Tudor                      (74) FB Rice Pty Ltd</p>	<p>(71) Alivio Therapeutics, Inc.                      (11) AU-A-2018266131                      (21) 2018266131 (22) 08.05.2018                      (54) Formulation of nanostructured gels for increased agent loading and adhesion                      (51) Int. Cl.  <i>A61K 9/06</i> ( 2006.01 )  <i>A61K 31/167</i> ( 2006.01 )  <i>A61K 31/245</i> ( 2006.01 )  <i>A61K 31/445</i> ( 2006.01 )  <i>A61K 31/47</i> ( 2006.01 )  <i>A61K 47/02</i> ( 2006.01 )  <i>A61K 47/10</i> ( 2017.01 )  <i>A61K 47/14</i> ( 2017.01 )  <i>A61K 47/20</i> ( 2006.01 )  <i>A61K 47/22</i> ( 2006.01 )  <i>A61K 47/26</i> ( 2006.01 )                      (87) WO2018/208822                      (31) 62/502,872 (32) 08.05.17 (33) US                      (43) 15.11.2018                      (72) Van Der Poll, Derek G.; Blasioli, Dominick J.; Zugates, Gregory T.                      (74) FB Rice Pty Ltd</p>
<p>(71) Abbott Laboratories                      (11) AU-A-2018378971                      (21) 2018378971 (22) 07.12.2018                      (54) Methods for aiding in the diagnosis and evaluation of a subject who has sustained an orthopedic injury and that has or may have sustained an injury to the head, such as mild traumatic brain injury (TBI), using glial fibrillary acidic protein (GFAP) and/or ubiquitin carboxy-terminal hydrolase 11 (UCH-L1)                      (51) Int. Cl.  <i>G01N 33/68</i> ( 2006.01 )                      (87) WO2019/113525                      (31) 62/596,805 (32) 09.12.17 (33) US                      62/652,734 04.04.18 US                      62/611,707 29.12.17 US</p>	<p>(71) Agency for Science, Technology and Research; Lion TCR                      (11) AU-A-2018291556                      (21) 2018291556 (22) 27.06.2018                      (54) Antisense oligonucleotides for modulating the function of a T cell                      (51) Int. Cl.  <i>C12N 15/113</i> ( 2010.01 )  <i>A61K 31/7088</i> ( 2006.01 )  <i>A61K 35/17</i> ( 2015.01 )  <i>C12N 5/0783</i> ( 2010.01 )  <i>A61P 31/00</i> ( 2006.01 )  <i>A61P 35/00</i> ( 2006.01 )  <i>A61P 37/00</i> ( 2006.01 )                      (87) WO2019/004939                      (31) 10201705285S (32) 27.06.17 (33) SG                      (43) 03.01.2019                      (72) Guccione, Ernest; Wee, Keng Boon Dave; Bertolletti, Antonio                      (74) James &amp; Wells Intellectual Property</p>	<p>(71) Allergan, Inc.                      (11) AU-A-2018277754                      (21) 2018277754 (22) 30.05.2018                      (54) Botulinum neurotoxin for treatment of disorders associated with melanocyte hyperactivity and/or excess melanin                      (51) Int. Cl.  <i>A61Q 19/02</i> ( 2006.01 )  <i>A61K 8/99</i> ( 2017.01 )  <i>A61K 38/48</i> ( 2006.01 )                      (87) WO2018/222652                      (31) 62/512,792 (32) 31.05.17 (33) US                      (43) 06.12.2018                      (72) Jacky, Birgitte P.S.; Malik, Shizazh Z.; Wang, Joanne; Liu, Yi; Brideau-Anderesen, Amy; Steward, Lance E.; Le, Linh Q.; Hsia, Edward C.                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Alfa Laval Corporate AB                      (11) AU-A-2018285219                      (21) 2018285219 (22) 11.06.2018                      (54) Centrifugal separator and method of operating a centrifugal separator                      (51) Int. Cl.  <i>B04B 13/00</i> ( 2006.01 )                      (87) WO2018/228992                      (31) 17176208.1 (32) 15.06.17 (33) EP                      (43) 20.12.2018                      (72) Larsson, Per-Gustaf                      (74) Watermark Intellectual Property Pty Ltd</p>	<p>(71) Alfa Laval Corporate AB                      (11) AU-A-2018288489                      (21) 2018288489 (22) 07.06.2018                      (54) Fluid handling apparatus and fluid tank system                      (51) Int. Cl.  <i>B01F 5/10</i> ( 2006.01 )  <i>B01F 5/02</i> ( 2006.01 )</p>	<p>(71) Alma Mater Studiorum - Università di Bologna                      (11) AU-A-2018284306                      (21) 2018284306 (22) 08.06.2018                      (54) Hierarchical multiscale electrospun scaffold for the regeneration and/or replacement of the tendinous/ligamentous tissue and a method for its production                      (51) Int. Cl.</p>

PCT applications which have entered the National Phase - Name Index cont'd

- A61L 27/18** ( 2006.01 )  
**A61L 27/34** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**(87)** WO2018/229615  
**(31)** 102017000064613 **(32)** 12.06.17 **(33)** IT  
**(43)** 20.12.2018  
**(72)** Sensini, Alberto; Cristofolini, Luca;  
Gualandi, Chiara; Focarete, Maria Let-  
izia; Belcari, Juri; Zucchelli, Andrea  
**(74)** Franke Hyland
- 
- (71)** Almirall, S.A.  
**(11)** AU-A-2018314833  
**(21)** 2018314833 **(22)** 08.08.2018  
**(54)** Novel compounds activating the NRF2  
pathway  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2019/030298  
**(31)** 17382558.9 **(32)** 08.08.17 **(33)** EP  
**(43)** 14.02.2019  
**(72)** Puig Duran, Carlos; Albericio Palomera,  
Fernando; Gongora Benitez, Miriam;  
Paradis Bas, Marta; Miret Casals, Laia;  
Ramos Tomillero, Ivan; Fiacco, Steph-  
en; Davis, Andrew; Geschwindner,  
Stefan; Brun Cubero, Omar; Heras  
Paniagua, Carlos; Trallero Canela,  
Nuria  
**(74)** AJ PARK
- 
- (71)** Aluminium Industries Investments Pty  
Ltd  
**(11)** AU-A-2018267688  
**(21)** 2018267688 **(22)** 17.05.2018  
**(54)** Utility vehicle deck corner apparatus,  
system and method  
**(51)** Int. Cl.  
**B62D 33/027** ( 2006.01 )  
**B60P 1/26** ( 2006.01 )  
**B62D 25/02** ( 2006.01 )  
**B62D 27/06** ( 2006.01 )  
**B62D 33/02** ( 2006.01 )  
**(87)** WO2018/209393  
**(31)** 2017901864 **(32)** 17.05.17 **(33)** AU  
**(43)** 22.11.2018  
**(72)** Keen, Matthew  
**(74)** AUSTRALASIA IP PTY LTD
- 
- (71)** Aluminium Industries Investments Pty  
Ltd  
**(11)** AU-A-2018268416  
**(21)** 2018268416 **(22)** 17.05.2018  
**(54)** Tray deck mounting apparatus with ad-  
justable spacer  
**(51)** Int. Cl.  
**B60P 1/64** ( 2006.01 )  
**B62D 33/02** ( 2006.01 )  
**(87)** WO2018/211449  
**(31)** 2018900171 **(32)** 19.01.18 **(33)** AU  
2017901869 17.05.17 AU  
**(43)** 22.11.2018  
**(72)** Keen, Matthew; Norman, Robin  
**(74)** AUSTRALASIA IP PTY LTD
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- (71)** Aluminium Industries Investments Pty  
Ltd  
**(11)** AU-A-2018271148  
**(21)** 2018271148 **(22)** 17.05.2018  
**(54)** Utility vehicle tray deck surface appar-  
atus, system, and method  
**(51)** Int. Cl.  
**B60R 13/04** ( 2006.01 )  
**B60J 11/06** ( 2006.01 )  
**B62D 33/023** ( 2006.01 )  
**(87)** WO2018/209401  
**(31)** 2017901873 **(32)** 17.05.17 **(33)** AU  
**(43)** 22.11.2018  
**(72)** Stolfo, Antony  
**(74)** AUSTRALASIA IP PTY LTD
- 
- (71)** Aluminium Industries Investments Pty  
Ltd  
**(11)** AU-A-2018271149  
**(21)** 2018271149 **(22)** 17.05.2018  
**(54)** Utility vehicle corner module with gate  
securing apparatus  
**(51)** Int. Cl.  
**B62D 25/02** ( 2006.01 )  
**B62D 27/06** ( 2006.01 )  
**B62D 33/023** ( 2006.01 )  
**B62D 33/027** ( 2006.01 )  
**B62D 33/037** ( 2006.01 )  
**E05C 1/14** ( 2006.01 )  
**(87)** WO2018/209402  
**(31)** 2017901874 **(32)** 17.05.17 **(33)** AU  
2017901860 17.05.17 AU  
**(43)** 22.11.2018  
**(72)** Gallagher, James; Keen, Matthew  
**(74)** AUSTRALASIA IP PTY LTD
- 
- (71)** Aluminium Industries Investments Pty  
Ltd  
**(11)** AU-A-2019208452  
**(21)** 2019208452 **(22)** 21.01.2019  
**(54)** Variable distance spacer for vehicles,  
component and system  
**(51)** Int. Cl.  
**B60P 1/64** ( 2006.01 )  
**B60R 9/00** ( 2006.01 )  
**B62D 33/02** ( 2006.01 )  
**(87)** WO2019/140490  
**(31)** PCT/ **(32)** 17.05.18 **(33)** IB  
IB2018/053476  
2018900179 19.01.18 AU  
2018900171 19.01.18 AU  
**(43)** 25.07.2019  
**(72)** Keen, Matthew; Norman, Robin  
**(74)** AUSTRALASIA IP PTY LTD
- 
- (71)** American Traffic Solutions, Inc.  
**(11)** AU-A-2018281220  
**(21)** 2018281220 **(22)** 06.06.2018  
**(54)** Item return tracking systems and meth-  
ods  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06K 19/07** ( 2006.01 )  
**G06Q 50/28** ( 2012.01 )  
**(87)** WO2018/226830  
**(31)** 62/515,980 **(32)** 06.06.17 **(33)** US  
**(43)** 13.12.2018  
**(72)** Rivera, Jason A.; Fox, Jason A.  
**(74)** Griffith Hack
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2018288852  
**(21)** 2018288852 **(22)** 20.06.2018  
**(54)** Method of treating or ameliorating  
metabolic disorders using antagonist-  
ic binding proteins for gastric inhibitory  
peptide receptor (GIPR)/GLP-1 recep-  
tor agonist fusion proteins  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**(87)** WO2018/237095  
**(31)** 62/523,216 **(32)** 21.06.17 **(33)** US  
**(43)** 27.12.2018  
**(72)** Walker, Kenneth W.; Holder, Jerry Ry-  
an; Lloyd, David J.; Lu, Shu-Chen; Ve-  
niant-Ellison, Murielle M.; Stanislaus,  
Shanaka  
**(74)** Spruson & Ferguson
- 
- (71)** AMO Groningen B.V.  
**(11)** AU-A-2018287249  
**(21)** 2018287249 **(22)** 22.06.2018  
**(54)** Intraocular lenses for presbyopia treat-  
ment  
**(51)** Int. Cl.  
**G02C 7/04** ( 2006.01 )  
**A61F 2/14** ( 2006.01 )  
**A61F 2/16** ( 2006.01 )  
**(87)** WO2018/234552  
**(31)** 62/524,128 **(32)** 23.06.17 **(33)** US  
**(43)** 27.12.2018  
**(72)** Rosen, Robert; Weeber, Hendrik A.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** AMO Groningen B.V.  
**(11)** AU-A-2018292024  
**(21)** 2018292024 **(22)** 27.06.2018  
**(54)** Diffractive lenses and related intraocu-  
lar lenses for presbyopia treatment  
**(51)** Int. Cl.  
**G02C 7/04** ( 2006.01 )  
**A61F 2/14** ( 2006.01 )  
**A61F 2/16** ( 2006.01 )  
**(87)** WO2019/002384  
**(31)** 62/525,965 **(32)** 28.06.17 **(33)** US  
**(43)** 03.01.2019  
**(72)** Weeber, Hendrik A.; Rosen, Robert  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** AMO Groningen B.V.  
**(11)** AU-A-2018292030  
**(21)** 2018292030 **(22)** 27.06.2018  
**(54)** Extended range and related intraocular  
lenses for presbyopia treatment  
**(51)** Int. Cl.  
**G02C 7/04** ( 2006.01 )  
**A61F 2/14** ( 2006.01 )  
**A61F 2/16** ( 2006.01 )  
**(87)** WO2019/002390  
**(31)** 62/526,094 **(32)** 28.06.17 **(33)** US  
**(43)** 03.01.2019  
**(72)** Weeber, Hendrik A.; Rosen, Robert  
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(71) AMO Groningen B.V.  
 (11) AU-A-2018293748  
 (21) 2018293748 (22) 29.06.2018  
 (54) Non-repeating echelettes and related intraocular lenses for presbyopia treatment  
 (51) Int. Cl.  
*G02C 7/04* ( 2006.01 )  
*A61F 2/14* ( 2006.01 )  
*A61F 2/16* ( 2006.01 )  
 (87) WO2019/002555  
 (31) 62/527,720 (32) 30.06.17 (33) US  
 (43) 03.01.2019  
 (72) Weeber, Hendrik A.; Rosen, Robert  
 (74) FPA Patent Attorneys Pty Ltd

(71) Amsted Rail Company, Inc.  
 (11) AU-A-2018285000  
 (21) 2018285000 (22) 14.06.2018  
 (54) Railway freight car coupling force monitoring system  
 (51) Int. Cl.  
*B61G 9/06* ( 2006.01 )  
*B61G 3/00* ( 2006.01 )  
*G01G 19/04* ( 2006.01 )  
*G01G 19/08* ( 2006.01 )  
 (87) WO2018/232137  
 (31) 15/624,143 (32) 15.06.17 (33) US  
 (43) 20.12.2018  
 (72) Seidel, Andrew  
 (74) Murray Trento & Associates Pty Ltd

(71) Amsted Rail Company, Inc.  
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*B01J 8/02* ( 2006.01 )

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 (51) Int. Cl.  
*B01J 20/22* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
*B01D 53/62* ( 2006.01 )  
*B01D 53/83* ( 2006.01 )  
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**(54)** Composite dressings for improved granulation and reduced maceration with negative-pressure treatment  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61F 13/00** ( 2006.01 )  
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**(72)** Locke, Christopher Brian; Robinson, Timothy Mark  
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**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
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**B65D 85/804** ( 2006.01 )  
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**A23L 33/135** ( 2016.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**H04B 1/10** ( 2006.01 )  
**H04B 7/185** ( 2006.01 )  
**H04L 25/03** ( 2006.01 )  
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**(72)** Pearce, Stephen; Potter, Robert  
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**(51)** Int. Cl.  
**H04N 19/593** ( 2014.01 )  
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**(72)** Lee, Bae Keun  
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**(54)** Method and device for video signal processing  
**(51)** Int. Cl.  
**H04N 19/583** ( 2014.01 )  
**H04N 19/103** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
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**H04N 19/593** ( 2014.01 )  
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**A62B 18/02** ( 2006.01 )  
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**A61K 31/7105** ( 2006.01 )  
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**A61P 3/00** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
*A63B 21/00* ( 2006.01 )  
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**(72)** Lee, Byung Don  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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*E06B 9/68* ( 2006.01 )  
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**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(54)** Sample processing assembly  
**(51)** Int. Cl.  
*G01N 1/28* ( 2006.01 )  
*B01L 1/00* ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** A fluid transport system  
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*G01N 35/10* ( 2006.01 )  
*B25J 9/00* ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
*G01S 13/87* ( 2006.01 )  
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*H01Q 3/24* ( 2006.01 )  
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**(72)** Small, David  
**(74)** LOCATA CORPORATION PTY LTD

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**(54)** A suspended ceiling hanger clip  
**(51)** Int. Cl.  
*E04B 9/18* ( 2006.01 )  
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**(74)** Raven IP

**(71)** Locus IP Company, LLC  
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**A61K 9/70** ( 2006.01 )  
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(21) 2018289339 (22) 19.06.2018  
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(51) Int. Cl.  
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**A61K 31/165** ( 2006.01 )  
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**A23L 33/21** ( 2016.01 )  
**A23L 33/10** ( 2016.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )
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**C07K 16/40** ( 2006.01 )  
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**A61K 47/59** ( 2017.01 )  
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 (54) Key attestation statement generation providing device anonymity  
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**H04L 9/00** ( 2006.01 )  
**G06F 21/33** ( 2013.01 )  
**G06F 21/57** ( 2013.01 )  
**G06F 21/72** ( 2013.01 )  
**G06F 21/73** ( 2013.01 )  
**H04L 9/08** ( 2006.01 )  
**H04L 9/32** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
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**A61B 90/00** ( 2016.01 )  
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**G16H 50/20** ( 2018.01 )  
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<b>2017413373</b>	South China University of Technology	<b>2018265388</b>	Colorobbia Consulting S.r.l.
<b>2017414413</b>	Huawei Technologies Co., Ltd.	<b>2018265408</b>	BayMedica, Inc.
<b>2017414660</b>	Bioncotech Therapeutics SL	<b>2018265761</b>	CCL Secure Pty Ltd
<b>2017414804</b>	Gamida-Cell Ltd.	<b>2018265762</b>	CMS Interests Pty Ltd
<b>2017414881</b>	Kang, S.	<b>2018265772</b>	Locata Corporation Pty Ltd
<b>2017415631</b>	Snaps Ventures, Inc.	<b>2018265856</b>	Harpoon Therapeutics, Inc.
<b>2017416127</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018265874</b>	Undercover Colors, Inc.
<b>2017416204</b>	Casemed Engineering	<b>2018265912</b>	Washio, S.
<b>2017416677</b>	University of Otago	<b>2018266131</b>	Alivio Therapeutics, Inc.
<b>2017416737</b>	NTT DOCOMO, INC.	<b>2018266162</b>	NantOmics, LLC
<b>2017416848</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018266223</b>	Beiersdorf AG
<b>2017417179</b>	Honeywell International Inc.	<b>2018266269</b>	Yes Biotechnology Inc.
<b>2017417612</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018266361</b>	Beckman Coulter, Inc.
<b>2017417628</b>	Lei, Z.; Lei, X.	<b>2018266375</b>	Burzynski, S.
<b>2017418920</b>	Husqvarna AB	<b>2018266423</b>	Honey, G.; Honey, D.; Stronge, N.
<b>2017418972</b>	Essity Hygiene and Health Aktiebolag	<b>2018266458</b>	Elekta, Inc.
<b>2017419197</b>	Huawei Technologies Co., Ltd.	<b>2018266546</b>	Locus IP Company, LLC
<b>2017420073</b>	Mirade Consultants Ltd	<b>2018266554</b>	Cascade Designs, Inc.
<b>2017420758</b>	Regeneron Pharmaceuticals Inc.	<b>2018266705</b>	Gritstone Oncology, Inc.
<b>2017421673</b>	ArcelorMittal	<b>2018266850</b>	Aurinia Pharmaceuticals Inc.
<b>2017422261</b>	Essity Hygiene and Health Aktiebolag	<b>2018267087</b>	ABB Schweiz AG
<b>2017422275</b>	Essity Hygiene and Health Aktiebolag	<b>2018267180</b>	Grassa B.V.
<b>2017422277</b>	Essity Hygiene and Health Aktiebolag	<b>2018267200</b>	Grabtaxi Holdings Pte. Ltd.
<b>2017422280</b>	Nolte, A.	<b>2018267319</b>	Kawasaki Jukogyo Kabushiki Kaisha
<b>2017422549</b>	Essity Hygiene and Health Aktiebolag	<b>2018267526</b>	Bilix Co., Ltd.
<b>2017422786</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018267688</b>	Aluminium Industries Investments Pty Ltd
<b>2017422789</b>	Taiyuan University of Technology	<b>2018268087</b>	UMC Utrecht Holding B.V.
<b>2017423296</b>	Halliburton Energy Services, Inc.	<b>2018268112</b>	K-fee System GmbH
<b>2017424316</b>	Landmark Graphics Corporation	<b>2018268209</b>	Unitec S.p.A.
<b>2017424795</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018268228</b>	Metso Sweden AB
<b>2017424814</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018268346</b>	Viviana London Limited
<b>2017424871</b>	Mitsubishi Electric Corporation	<b>2018268416</b>	Aluminium Industries Investments Pty Ltd
<b>2017424980</b>	Anellotech, Inc.	<b>2018268427</b>	Equi-Nom Ltd.
<b>2017426659</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018268839</b>	Soto-Jara, C.; Lebovitz, R.; Vollrath, B.; Shahnawaz, M.; Dinamarca, N.; Amprion, Inc.; Board of Regents of The University of Texas System
<b>2017427114</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018268940</b>	Schreder S.A.
<b>2017427355</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018269937</b>	Memorial Sloan Kettering Cancer Center
<b>2017427357</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018269962</b>	PureCircle USA Inc.
<b>2017431871</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018269982</b>	BioMed Valley Discoveries, Inc.
<b>2017432427</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018270228</b>	Unitec S.p.A.
<b>2017432769</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018270253</b>	BlackBook Media Inc.
<b>2018261590</b>	Nokia Technologies Oy	<b>2018270396</b>	Stem Cell Medicine Ltd.
<b>2018261726</b>	Gynesonics Inc.	<b>2018270853</b>	KT Corporation
<b>2018261777</b>	3D at Depth, Inc.	<b>2018271089</b>	Intercontinental Great Brands LLC
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<b>2018261832</b>	Huawei Technologies Co., Ltd.	<b>2018271149</b>	Aluminium Industries Investments Pty Ltd
<b>2018261914</b>	Huawei Technologies Co., Ltd.	<b>2018271643</b>	Fujian Cosunter Pharmaceutical Co., Ltd.; Medshine Discovery Inc.
<b>2018262438</b>	Serum Institute of India Private Limited	<b>2018271741</b>	Lee, B.D.
<b>2018262843</b>	Huawei Technologies Co., Ltd.	<b>2018272061</b>	Mercator MedSystems, Inc.
<b>2018263098</b>	Huawei Technologies Co., Ltd.	<b>2018272082</b>	Opus One Solutions (USA) Corporation; Opus One Solutions Energy Corp.
<b>2018263287</b>	5i Corporation Pty. Limited	<b>2018272095</b>	EpicentRx, Inc.
<b>2018264196</b>	Sony Corporation	<b>2018273448</b>	D.O.R.C. Dutch Ophthalmic Research center (international) B.V.
<b>2018264636</b>	ToolGen Incorporated	<b>2018273457</b>	Hodder & Taylors Limited
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		<b>2018274180</b>	Denta Vision GmbH
		<b>2018274420</b>	Chengdu Qianniucuo Information Technology Co., LTD.
		<b>2018275109</b>	Xencor, Inc.
		<b>2018275145</b>	Push Through Innovation Corp
		<b>2018275161</b>	Expression Pathology, Inc.; Memorial Sloan-Kettering Cancer Center
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		<b>2018275198</b>	Haemonetics Corporation

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2018276253	Tetra Laval Holdings & Finance S.A.	2018282187	CONMED Corporation
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2018277094	Nantomics, LLC	2018282748	CONMED Corporation
2018277132	The University of Leeds; The University of York	2018282759	BostonGene Corporation
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2018277339	Dücker Group GmbH	2018283010	Monsanto Technology LLC
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2018277754	Allergan, Inc.	2018283289	Beta Pharma, Inc.
2018277892	Kuraray Kuraflex Co., Ltd.	2018283310	Sangamo Therapeutics, Inc.
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2018278274	Dücker Group GmbH	2018283811	Janssen Vaccines & Prevention B.V.; Bavarian Nordic A/S
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2018278348	Google LLC	2018283948	CONMED Corporation
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2018279117	BioNTech RNA Pharmaceuticals GmbH	2018284102	Intergraph Corporation
2018279310	Leigh Industries, Ltd.	2018284200	Cuesta Zabala, I.
2018279318	Eloxx Pharmaceuticals Ltd.	2018284252	Monsanto Technology LLC
2018279408	Teijin Limited	2018284306	Alma Mater Studiorum - Università di Bologna
2018279728	The Brigham and Women's Hospital, Inc.	2018284330	Intrabio Ltd
2018279764	Rothenberger AG	2018284437	Annabella Tech Ltd
2018279829	Editas Medicine, Inc.	2018284707	Asahi Kasei Medical Co., Ltd.
2018279847	Sico Incorporated	2018284779	Asahi Intecc Co., Ltd.
2018279853	Lyndra, Inc.	2018284901	Huawei Technologies Co., Ltd.
2018279892	ConMed Corporation	2018285000	Amsted Rail Company, Inc.
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2018280027	CONMED Corporation	2018285342	Pulmopharma IVS
2018280029	Conmed Corporation	2018285412	Virometix AG; Universität Zürich
2018280030	OV Loop, Inc.	2018285510	Graco Minnesota Inc.
2018280116	Research Institute at Nationwide Children's Hospital	2018285523	Bionomics Inc.
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2018280131	Oregon Health & Science University; Illumina, Inc.	2018285599	Rhodia Operations
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2018280264	The Board of Trustees of the Leland Stanford Junior University; Myoforte Therapeutics Inc.	2018285778	VIP Cinema LLC
2018280270	TherapeuticsMD, Inc.	2018285780	CONMED Corporation
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2018280351	Urban Mining Pty Ltd; NMR 360 Inc	2018285860	Flagship Pioneering Innovations V, Inc.
2018280353	MLD & Co. Pty Ltd	2018285867	Amsted Rail Company, Inc.
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2018280868	Black Belt Therapeutics Limited	2018285975	The University of British Columbia
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2018280954	CMR Surgical Limited	2018286247	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
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2018281120	KCI Licensing, Inc.	2018286479	Urban Mining Pty Ltd; NMR 360 Inc
2018281145	University of Massachusetts	2018286533	CONMED Corporation
2018281220	American Traffic Solutions, Inc.	2018286673	BASF SE
2018281297	Derrick Corporation	2018287151	Hofmann, K.
2018281310	Northwestern University	2018287199	Faiveley Transport Amiens
2018281316	Intrexon Corporation	2018287249	AMO Groningen B.V.
2018281346	Powell Mansfield, Inc.	2018287728	Johnson Matthey Public Limited Company
2018281528	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2018288101	Suntory Holdings Limited
2018281696	The New Zealand Institute for Plant and Food Research Limited	2018288311	Inventio AG

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<b>2018288643</b>	IDEXX Laboratories, Inc.	<b>2018301351</b>	Fresenius Medical Care Holdings, Inc.; Fresenius Medical Care Deutschland GmbH
<b>2018288687</b>	Honeywell International Inc.	<b>2018301418</b>	Fresenius Medical Care Holdings, Inc.
<b>2018288828</b>	HICKIES INC.	<b>2018301784</b>	Fresenius Medical Care Holdings, Inc.
<b>2018288841</b>	Shy Therapeutics LLC	<b>2018302611</b>	Daikin Industries, Ltd.
<b>2018288852</b>	Amgen Inc.	<b>2018302846</b>	Daikin Industries, Ltd.
<b>2018289010</b>	Raytheon Company	<b>2018303179</b>	Noscendo GmbH
<b>2018289303</b>	Imbria Pharmaceuticals, Inc.	<b>2018303872</b>	Wingbox Co.,Ltd
<b>2018289339</b>	Madrigal Pharmaceuticals, Inc.	<b>2018304404</b>	Medtronic Advanced Energy LLC.
<b>2018289349</b>	Madrigal Pharmaceuticals, Inc.	<b>2018304867</b>	UCB Biopharma SRL
<b>2018289351</b>	Tarveda Therapeutics, Inc.	<b>2018307582</b>	Oxford nanoSystems Ltd
<b>2018289354</b>	Tarveda Therapeutics, Inc.	<b>2018307730</b>	HG&H Pharmaceuticals (Pty) Ltd
<b>2018290228</b>	Gilead Sciences, Inc.	<b>2018307877</b>	Novartis AG
<b>2018290293</b>	API Intellectual Property Holdings, LLC	<b>2018308312</b>	Chong Kun Dang Pharmaceutical Corp.
<b>2018290330</b>	Mersana Therapeutics, Inc.	<b>2018309965</b>	JFE Steel Corporation
<b>2018290651</b>	Lely Patent N.V.	<b>2018310882</b>	Novartis AG
<b>2018290735</b>	CONMED Corporation	<b>2018312422</b>	Tyre Tuft Pty Ltd
<b>2018290745</b>	Salesforce.com, Inc.	<b>2018312548</b>	Schur Star Systems, Inc.
<b>2018290753</b>	Salesforce.com, Inc.	<b>2018312560</b>	Illumina, Inc.
<b>2018290766</b>	Vorso Corp.	<b>2018313853</b>	Fresenius Medical Care Holdings, Inc.
<b>2018290856</b>	Regeneron Pharmaceuticals, Inc.	<b>2018314195</b>	Kratos Integral Holdings, LLC
<b>2018290895</b>	MED-EL Elektromedizinische Geraete GmbH; Universidad de Salamanca	<b>2018314770</b>	F. Hoffmann-La Roche AG
<b>2018290991</b>	Butterfly Network, Inc.	<b>2018314833</b>	Almirall, S.A.
<b>2018291010</b>	SnowShoeFood Inc.	<b>2018317151</b>	Guangzhou Xaircraft Technology Co., Ltd.
<b>2018291393</b>	Profusa, Inc.	<b>2018317943</b>	Leica Biosystems Melbourne Pty Ltd
<b>2018291556</b>	Agency for Science, Technology and Research; Lion TCR	<b>2018319070</b>	Bayerische Motoren Werke Aktiengesellschaft
<b>2018291851</b>	Motorola Solutions, Inc.	<b>2018321577</b>	Leica Biosystems Melbourne Pty Ltd
<b>2018291992</b>	Intelligent Agricultural Solutions LLC	<b>2018322484</b>	Leica Biosystems Melbourne Pty Ltd
<b>2018292024</b>	AMO Groningen B.V.	<b>2018322975</b>	Shanghai Ticon Optical Co., Ltd.; St. Shine Optical Co., Ltd.; App Vision Care, Inc.; Eyescon Biomed. Co., Ltd.
<b>2018292030</b>	AMO Groningen B.V.	<b>2018325974</b>	KT Corporation
<b>2018292419</b>	Berry Global, Inc.	<b>2018326378</b>	Bayer HealthCare LLC
<b>2018292641</b>	Medos International Sàrl	<b>2018326386</b>	Bayer HealthCare LLC
<b>2018292873</b>	Inventio AG	<b>2018326485</b>	Bayer HealthCare LLC
<b>2018293203</b>	Cendori Co., Ltd.	<b>2018327924</b>	KT Corporation
<b>2018293361</b>	Sanovel Ilac Sanayi Ve Ticaret Anonim Sirketi	<b>2018328019</b>	Black Diamond Oilfield Rentals LLC
<b>2018293555</b>	Armour Wall Group Pty Limited	<b>2018329650</b>	Fresenius Medical Care Holdings, Inc.
<b>2018293680</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2018331002</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018293703</b>	Inventio AG	<b>2018340116</b>	Zhuzhou Huasheng Industrial Co., Ltd.
<b>2018293748</b>	AMO Groningen B.V.	<b>2018342203</b>	Illumina, Inc.; Illumina Cambridge Limited
<b>2018293918</b>	Reflex Instruments Asia Pacific Pty Ltd	<b>2018342485</b>	ZTE Corporation
<b>2018294054</b>	Beijing Tide Pharmaceutical Co., Ltd.	<b>2018345706</b>	Google LLC
<b>2018294484</b>	Sulzer Management AG	<b>2018357831</b>	Xuzhou Ji'an Mining Technology Co., Ltd; China University of Mining and Technology
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<b>2018295387</b>	Boehringer Ingelheim Vetmedica GmbH	<b>2018366798</b>	Huawei Technologies Co., Ltd.
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<b>2018295401</b>	Essity Hygiene and Health Aktiebolag	<b>2018386357</b>	CJ Cheiljedang Corporation
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<b>2018295431</b>	Johnson Matthey Davy Technologies Limited	<b>2018390983</b>	Leica Biosystems Melbourne Pty Ltd
<b>2018296282</b>	Franz Xaver Meiller Fahrzeug- und Maschinenfabrik - GmbH & Co KG	<b>2018397303</b>	Illumina, Inc.
<b>2018296421</b>	Subsea 7 Norway AS	<b>2018400528</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2018297318</b>	H. Lee Moffitt Cancer Center and Research Institute, Inc.	<b>2018401518</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018298193</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	<b>2018408669</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018298330</b>	RSM Imagineering AS	<b>2018411809</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018298388</b>	Bayer Aktiengesellschaft	<b>2018422759</b>	The University of North Carolina at Chapel Hill
<b>2018298695</b>	Doka GmbH	<b>2018423071</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018298849</b>	Nouscom AG	<b>2018426062</b>	Huawei Technologies Co., Ltd.
<b>2018299716</b>	Microsoft Technology Licensing, LLC	<b>2019208452</b>	Aluminium Industries Investments Pty Ltd
<b>2018299805</b>	Northrop Grumman Systems Corporation	<b>2019209199</b>	Illumina, Inc.
<b>2018299910</b>	Boehringer Ingelheim Animal Health USA Inc.	<b>2019209791</b>	Illumina, Inc.; Illumina Cambridge Limited
<b>2018299995</b>	Sigma-Aldrich Co. LLC	<b>2019211231</b>	Illumina, Inc.; Illumina Cambridge Limited
<b>2018300051</b>	Nouscom AG	<b>2019214867</b>	Illumina, Inc.
<b>2018300147</b>	Swirls, Inc.	<b>2019219710</b>	Guangdong BOYU Group Co., Ltd
<b>2018300198</b>	An Udder IP Company Ltd		
<b>2018300513</b>	BPW Bergische Achsen KG		
<b>2018300980</b>	Vanderbilt University		
<b>2018301157</b>	Schutte bagclosures B.V.		

**PCT applications which have entered the National Phase - Numerical Index cont'd**

<b>2019220559</b>	Illumina, Inc.
<b>2019231688</b>	Illumina Cambridge Limited; Illumina, Inc.
<b>2019232894</b>	Pavic, B.
<b>2019250975</b>	Illumina, Inc.
<b>2019257320</b>	Illumina, Inc.
<b>2019275527</b>	Guangdong BOYU Group Co., Ltd

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<b><u>A01C 1 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A45D 34 /-</u></b>	2018292641	2018281944	2018284707
2018273457	2018282252	2017416204	<b><u>A61C 7 /-</u></b>	2018282124	2018285523
<b><u>A01C 7 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A45D 37 /-</u></b>	2018287151	2018283289	2018285857
2018291992	2018273457	2017416204	<b><u>A61C 8 /-</u></b>	2018284330	2018297318
<b><u>A01F 15 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A45D 40 /-</u></b>	2018274180	2018285342	2018299910
2018288536	2018284252	2018280353	<b><u>A61F 13 /-</u></b>	2018285833	2018300051
<b><u>A01H 5 /-</u></b>	<b><u>A01P 9 /-</u></b>	<b><u>A47F 3 /-</u></b>	2017416204	2018286247	2018308312
2018268427	2018273457	2018286478	2017418972	2018288841	<b><u>A61K 45 /-</u></b>
<b><u>A01J 5 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A47G 29 /-</u></b>	2017422261	2018289303	2018280264
2018290651	2018267180	2018280877	2017422275	2018289349	2018310882
2018300198	<b><u>A23K 10 /-</u></b>	<b><u>A47J 43 /-</u></b>	2017422277	2018289351	<b><u>A61K 47 /-</u></b>
<b><u>A01J 9 /-</u></b>	2018267180	2018280353	2017422549	2018289354	2017414660
2018290651	<b><u>A23K 20 /-</u></b>	<b><u>A61B 17 /-</u></b>	2018280128	2018291556	2018266131
<b><u>A01K 61 /-</u></b>	2018267180	2018279892	2018281120	2018293361	2018279853
2018285812	<b><u>A23K 50 /-</u></b>	2018280027	2018282120	2018294054	2018281944
<b><u>A01K 63 /-</u></b>	2018267180	2018280029	2018282261	2018295387	2018283161
2019219710	<b><u>A23L 27 /-</u></b>	2018280954	2018282275	2018298193	2018285975
<b><u>A01K 7 /-</u></b>	2018269962	2018282187	2018282748	2018300980	2018289351
2019275527	<b><u>A23L 29 /-</u></b>	2018285780	2018282749	2018307730	2018290330
<b><u>A01M 21 /-</u></b>	2017414881	2018286533	2018292024	2018308312	
2018298388	<b><u>A23L 33 /-</u></b>	2018290735	2018292030	2018310882	
<b><u>A01M 7 /-</u></b>	2018267180	2018290991	2018293748		
2018298388	2018272061	2018292641	2018301248	<b><u>A61K 35 /-</u></b>	<b><u>A61K 48 /-</u></b>
<b><u>A01N 1 /-</u></b>	<b><u>A23N 17 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61F 2 /-</u></b>	2017414804	2018277476
2018322484	2018267180	2018261726	2018265360	2017416677	2018297318
<b><u>A01N 25 /-</u></b>	<b><u>A41D 13 /-</u></b>	2018290991	2018279101	2018264636	2018422759
2018284252	2018277892	2018304404	2018282632	2018266705	<b><u>A61K 49 /-</u></b>
<b><u>A01N 33 /-</u></b>	<b><u>A41D 15 /-</u></b>	<b><u>A61B 34 /-</u></b>	2018283948	2018270396	2018267526
2018283010	2017422280	2018280954	2018287249	2018275937	2018273448
<b><u>A01N 35 /-</u></b>	<b><u>A41D 3 /-</u></b>	<b><u>A61B 5 /-</u></b>	2018292024	2018280852	2018291393
2018273457	2018265912	2018266269	2018292030	2018281316	
<b><u>A01N 37 /-</u></b>	<b><u>A42B 1 /-</u></b>	2018278751	2018293748	2018291556	<b><u>A61K 51 /-</u></b>
2018283010	2017415631	2018280239	<b><u>A61F 5 /-</u></b>	2018275685	2018267526
<b><u>A01N 43 /-</u></b>	<b><u>A44C 11 /-</u></b>	2018281346	2018287151	2018275687	2018285523
2018273457	2018280603	2018283906	2018288828	2018307730	<b><u>A61K 8 /-</u></b>
2018283010	<b><u>A44C 13 /-</u></b>	2018289339	<b><u>A61F 9 /-</u></b>	<b><u>A61K 36 /-</u></b>	2018266223
<b><u>A01N 63 /-</u></b>	2018280603	2018290991	2018279101	2018266850	2018266546
2018283010	<b><u>A44C 13 /-</u></b>	2018329650	2018279940	2018268087	2018277754
	2018280603		2018301248	2018273958	2018282020
			<b><u>A61J 1 /-</u></b>	2018277754	2018282252
			2018266554	2018283161	<b><u>A61K 9 /-</u></b>
			2018285530	2018284707	2017414660
			<b><u>A61K 31 /-</u></b>	2018285412	2018266131
			2018261792	2018285857	2018279853
			2018265130	2018288852	2018280270
			2018265211	2018307877	2018281944
			2018266131	2018275109	2018293361
			2018266375	2018275161	
			2018267526	2018277343	<b><u>A61L 27 /-</u></b>
			2018269937	2018279117	2018265388
			2018271643	2018280868	<b><u>A61M 1 /-</u></b>
			2018272061	2018281316	2018275198
			2018275161	2018283161	2018284306
			2018275685	2018283811	<b><u>A61L 9 /-</u></b>
			2018275687	2018283957	2018265388
			2018277132		
			2018277476		
			2018280264		
			2018280270		
			2018281010		

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2018284437	<b><u>A61P 25 /-</u></b>			<b><u>B08B 9 /-</u></b>	<b><u>B32B 7 /-</u></b>
2018301351		<b><u>A61Q 15 /-</u></b>	<b><u>B01F 15 /-</u></b>		
2018301784	2017416677			2018280353	2018281959
2018329650	2018281010	2018266546	2018288489		
	2018284330			<b><u>B21B 37 /-</u></b>	<b><u>B41M 3 /-</u></b>
<b><u>A61M 11 /-</u></b>	2018288841	<b><u>A61Q 17 /-</u></b>	<b><u>B01F 5 /-</u></b>	2017421673	2018265761
	2018294557				
2018279940	2018300980	2018266223	2018288489	<b><u>B23B 35 /-</u></b>	<b><u>B42D 25 /-</u></b>
	2018307730	<b><u>A61Q 19 /-</u></b>	<b><u>B01J 20 /-</u></b>	2018266423	2018265761
<b><u>A61M 15 /-</u></b>	2018310882				
		2018266546	2018267319	<b><u>B23D 21 /-</u></b>	<b><u>B60G 7 /-</u></b>
2018279940	<b><u>A61P 29 /-</u></b>	2018277754			
2018288643			<b><u>B01J 21 /-</u></b>	2018279764	2018300513
	2018265211	<b><u>A61Q 5 /-</u></b>			
<b><u>A61M 16 /-</u></b>	2018285833		2018265388	<b><u>B23D 61 /-</u></b>	<b><u>B60J 1 /-</u></b>
	2018286247	2018266546			
2018288643	2018288841		<b><u>B01J 27 /-</u></b>	2017418920	2018279408
	2018294054	<b><u>A62B 18 /-</u></b>			
<b><u>A61M 21 /-</u></b>	2018298193		2018265388	<b><u>B23D 77 /-</u></b>	<b><u>B60J 11 /-</u></b>
		2018277892			
2018329650	<b><u>A61P 3 /-</u></b>		<b><u>B01J 35 /-</u></b>	2017418920	2018271148
		<b><u>A62B 3 /-</u></b>			
<b><u>A61M 25 /-</u></b>	2018275937		2018265388	<b><u>B24C 7 /-</u></b>	<b><u>B60K 6 /-</u></b>
	2018277476	2018277012			
2018282000			<b><u>B01J 37 /-</u></b>	2018285510	2018319070
	<b><u>A61P 31 /-</u></b>	<b><u>A63B 21 /-</u></b>			
<b><u>A61M 35 /-</u></b>			2018265388	<b><u>B25J 15 /-</u></b>	<b><u>B60N 2 /-</u></b>
	2017414660	2018271741			
2017416204	2018271643		<b><u>B01J 8 /-</u></b>	2018278230	2018285778
	2018280852	<b><u>A63B 24 /-</u></b>		2018278274	
<b><u>A61M 39 /-</u></b>	2018283811		2018295431		
	2018283957	2018271741			<b><u>B60P 1 /-</u></b>
2018282000	2018284707		<b><u>B01L 1 /-</u></b>	<b><u>B25J 9 /-</u></b>	
	2018285342	<b><u>A63B 71 /-</u></b>			2018267688
<b><u>A61M 5 /-</u></b>	2018290856		2018317943	2018390983	2018268416
	2018291556	2018271741			2019208452
2018285530	2018299910		<b><u>B01L 3 /-</u></b>	<b><u>B27B 33 /-</u></b>	
2018326378		<b><u>A63H 33 /-</u></b>			<b><u>B60R 13 /-</u></b>
2018326386	<b><u>A61P 35 /-</u></b>		2018265874	2017418920	
2018326485		2018280603	2018280239		2018271148
			2018281310	<b><u>B27C 5 /-</u></b>	<b><u>B60R 22 /-</u></b>
<b><u>A61N 1 /-</u></b>	2017414660	<b><u>B01D 33 /-</u></b>	2018342203		
	2018265130			2018279310	2018277012
2018281346	2018268087	2018281297	<b><u>B01L 9 /-</u></b>	<b><u>B27F 1 /-</u></b>	
2018290766	2018269982				<b><u>B60R 9 /-</u></b>
2018290895	2018275109	<b><u>B01D 46 /-</u></b>	2018317943	2018279310	
	2018280852		2018342203		2019208452
<b><u>A61N 5 /-</u></b>	2018280868	2018293203		<b><u>B28D 1 /-</u></b>	
	2018282124		<b><u>B04B 13 /-</u></b>		<b><u>B60T 17 /-</u></b>
2018266458	2018285833	<b><u>B01D 53 /-</u></b>		2017418920	
	2018286247		2018285219		2018287199
<b><u>A61P 1 /-</u></b>	2018288841	2018265388		<b><u>B29C 73 /-</u></b>	
	2018291556	2018267319	<b><u>B05B 11 /-</u></b>		<b><u>B60T 8 /-</u></b>
2018265211	2018294557			2018312422	
2018275685	2018298193	<b><u>B01D 61 /-</u></b>	2018268346		2018285930
2018278312	2018300051			<b><u>B32B 27 /-</u></b>	
		2018284707	<b><u>B05B 7 /-</u></b>		<b><u>B60W 10 /-</u></b>
<b><u>A61P 13 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01D 63 /-</u></b>		2018288536	
			2018268346	2018292419	2018319070
2018261792	2018269982	2018265762	<b><u>B07B 1 /-</u></b>		
2018266850	2018291556	2018284707		<b><u>B32B 37 /-</u></b>	<b><u>B60W 20 /-</u></b>
	2018294054		2018281297		
<b><u>A61P 17 /-</u></b>	2018298193	<b><u>B01D 65 /-</u></b>		2018281959	2018319070
			<b><u>B07C 5 /-</u></b>		
2018285833	<b><u>A61P 41 /-</u></b>	2018265762		<b><u>B32B 38 /-</u></b>	<b><u>B60W 30 /-</u></b>
		2018284707	2018268209	2018281959	2018319070
<b><u>A61P 19 /-</u></b>	2018273448		2018270228		
		<b><u>B01D 69 /-</u></b>		<b><u>B32B 5 /-</u></b>	<b><u>B61D 39 /-</u></b>
2018277343	<b><u>A61P 7 /-</u></b>		<b><u>B08B 7 /-</u></b>		
		2018284707		2018292419	2018340116
<b><u>A61P 21 /-</u></b>	2017414804		2019250975		
		<b><u>B01D 71 /-</u></b>			
2018270396	<b><u>A61P 9 /-</u></b>				
2018279318		2018284707			
	2018295387				

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<b><u>B61G 3 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C07D 489 /-</u></b>	<b><u>C08H 1 /-</u></b>	<b><u>C12N 5 /-</u></b>	
2018285000	2018271089 2018303872	2019211231	2018287728	2018262438	2017414804 2018264636 2018268427 2018270396 2018279728 2018291556 2018297318 2018422759 2019257320	
<b><u>B61G 9 /-</u></b>	<b><u>B65D 6 /-</u></b>	<b><u>B82Y 30 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C08J 5 /-</u></b>		
2018285000	2018303872	2018290293	2018265130 2018288841	2018288536		
<b><u>B61H 5 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C01G 23 /-</u></b>	<b><u>C07H 15 /-</u></b>	<b><u>C08L 5 /-</u></b>		
2018287199	2018266554 2018312548	2018265388	2018269962 2018279318	2018262438		
<b><u>B62D 25 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C09J 7 /-</u></b>	<b><u>C12N 7 /-</u></b>	
2018267688 2018271149	2018266554	2018265762	2018282868 2018297318	2018281959	2018272095 2018295421 2018422759	
<b><u>B62D 27 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C02F 101 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C10B 53 /-</u></b>		
2018267688 2018271149	2018312548	2017413373	2018304867	2017424980	<b><u>C12N 9 /-</u></b>	
<b><u>B62D 33 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C10B 57 /-</u></b>	2018264636 2018265408 2018269962 2018279829 2018280116 2018283310 2018299995 2018307877	
2018267688 2018268416 2018271148 2018271149 2019208452	2018271089 2018282663	2017413373 2018278178	2018266705 2018268087 2018273958 2018276434 2018279728 2018281316 2018283161 2018283811 2018283957 2018285412 2018285857 2018295421 2018298849 2018299910 2018307877 2018314833	2017424980		
<b><u>B63B 22 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C07C 39 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C10G 1 /-</u></b>	<b><u>C12P 5 /-</u></b>	
2018296421	2018268112	2018275687	2018265856 2018275109 2018275161 2018277343 2018280868 2018281316 2018285523 2018285857 2018288852 2018290228 2018290856 2018297318 2018299910	2017424980	2018265408	
<b><u>B63B 35 /-</u></b>	<b><u>B65G 49 /-</u></b>	<b><u>C07C 49 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	
2018360932	2018278230 2018278274	2018285599	2018266850 2018314833	2018275185	2018266162 2018269982 2018277094 2018279728 2018280131 2018281316 2018303179 2018312560 2019220559 2019231688 2019257320	
<b><u>B63C 9 /-</u></b>	<b><u>B66B 1 /-</u></b>	<b><u>C07D 235 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C11D 11 /-</u></b>		
2018293703	2018293703	2018298193	2018262438	2018275185		
<b><u>B63C 29 /-</u></b>	<b><u>B66B 19 /-</u></b>	<b><u>C07D 239 /-</u></b>	<b><u>C08G 63 /-</u></b>	<b><u>C11D 17 /-</u></b>	<b><u>C12R 9 /-</u></b>	
2018284200	2018292873	2018282154 2018283289	2018285975	2018275185	2018309965	
<b><u>B64C 29 /-</u></b>	<b><u>B66B 7 /-</u></b>	<b><u>C07D 299 /-</u></b>	<b><u>C08G 65 /-</u></b>	<b><u>C11D 3 /-</u></b>		
2018281883	2018288311	2018282154 2018283289	2018285975	2018275185		
<b><u>B64D 9 /-</u></b>	<b><u>B66B 9 /-</u></b>	<b><u>C07D 401 /-</u></b>		<b><u>C12N 1 /-</u></b>	<b><u>C22B 11 /-</u></b>	
2018280877	2018292873	2018283289 2018286247 2018294054 2018298193		2018269962 2018275937 2018282252 2018386357	2018280348	
<b><u>B65B 3 /-</u></b>	<b><u>B66C 1 /-</u></b>	<b><u>C07D 409 /-</u></b>		<b><u>C12N 15 /-</u></b>	<b><u>C22B 23 /-</u></b>	
2017420758	2018277339 2018278230 2018278274	2018294054		2018261792 2018264636 2018265408 2018266162 2018266705 2018269962 2018272095 2018277094 2018277132 2018277476 2018279728 2018279829 2018280116 2018281145 2018283310 2018285860 2018291556 2018295421 2018297318 2018299995 2018422759	2018309965	2018280351 2018286479
<b><u>B65D 1 /-</u></b>	<b><u>B66C 11 /-</u></b>	<b><u>C07D 413 /-</u></b>		<b><u>C22B 26 /-</u></b>		
2018288101 2018303872	2018277339 2018278230 2018278274	2018285833		2018280350 2018280351		
<b><u>B65D 25 /-</u></b>	<b><u>B66F 7 /-</u></b>	<b><u>C07D 417 /-</u></b>		<b><u>C22B 3 /-</u></b>		
2018266554	2018277339 2018278230 2018278274	2018294054		2018280348 2018280350 2018286479		
<b><u>B65D 33 /-</u></b>	<b><u>C07D 419 /-</u></b>	<b><u>C07D 471 /-</u></b>				
2018301157 2018312548	2018285833	2018271643				
<b><u>B65D 41 /-</u></b>	<b><u>C07D 427 /-</u></b>	<b><u>C07D 487 /-</u></b>				
2018309965	2018294557	2018294557				
<b><u>B65D 47 /-</u></b>						
2017416204						



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<b><u>C22B 7 /-</u></b>	<b><u>E04H 3 /-</u></b>	<b><u>F04D 1 /-</u></b>	<b><u>F21V 21 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G02B 7 /-</u></b>
2018280351	2018279847	2018294484	2018268940	2018265762	2018289010
<b><u>C22C 38 /-</u></b>	<b><u>E05C 1 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F21Y 103 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G02C 7 /-</u></b>
2018309965	2018271149	2018294484	2018268940	2018268228	2018287249
<b><u>C23C 18 /-</u></b>	<b><u>E05C 3 /-</u></b>	<b><u>F15B 11 /-</u></b>	<b><u>F21Y 115 /-</u></b>	<b><u>G01N 33 /-</u></b>	2018292024
2018307582	2018276059	2018357831	2018268940	2018265874	2018292030
<b><u>C40B 20 /-</u></b>	<b><u>E05F 15 /-</u></b>	<b><u>F16C 33 /-</u></b>	<b><u>F24F 11 /-</u></b>	2018266361	2018293748
2018279728	2018296282	2018285867	2017424871	2018266850	2018322975
<b><u>D06F 95 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F16D 55 /-</u></b>	2018293203	2018268087	<b><u>G05B 15 /-</u></b>
2017422280	2017417628	2018287199	<b><u>F24F 13 /-</u></b>	2018268839	2018272082
<b><u>D21B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F16D 65 /-</u></b>	2018293203	2018279117	<b><u>G05B 19 /-</u></b>
2018286673	2018296421	2018287199	<b><u>F24F 140 /-</u></b>	2018280239	2018276253
<b><u>D21C 3 /-</u></b>	2018328019	<b><u>F16H 25 /-</u></b>	2018302611	2018281310	2018288687
2018286673	<b><u>E21B 23 /-</u></b>	2018285778	<b><u>F24F 3 /-</u></b>	2018281696	<b><u>G05B 23 /-</u></b>
<b><u>D21C 9 /-</u></b>	2017423296	<b><u>F16K 27 /-</u></b>	2018293203	2018282868	2018285616
2018286673	<b><u>E21B 34 /-</u></b>	2018291992	<b><u>F25B 1 /-</u></b>	2018283348	2018288687
<b><u>D21H 11 /-</u></b>	2017423296	<b><u>F16K 3 /-</u></b>	2018302611	2018285523	<b><u>G05F 1 /-</u></b>
2018290293	<b><u>E21B 41 /-</u></b>	2017422789	<b><u>F25B 13 /-</u></b>	2018299910	2018272082
<b><u>E02D 11 /-</u></b>	2017420073	2018291992	2018302611	2018322484	<b><u>G06F 15 /-</u></b>
2018293555	<b><u>E21B 43 /-</u></b>	<b><u>F16K 31 /-</u></b>	<b><u>F28F 13 /-</u></b>	2018378971	2018288687
<b><u>E02D 13 /-</u></b>	2017420073	2017422789	2018307582	<b><u>G01N 35 /-</u></b>	<b><u>G05F 1 /-</u></b>
2018293555	2018298330	2018285930	<b><u>F42B 10 /-</u></b>	2018321577	2018272082
<b><u>E02D 5 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16K 47 /-</u></b>	2018276063	2018342203	<b><u>G06F 15 /-</u></b>
2018283423	2018283423	2017422789	<b><u>F42B 14 /-</u></b>	2018390983	<b><u>G06F 15 /-</u></b>
2018293555	<b><u>E21B 49 /-</u></b>	<b><u>F16L 15 /-</u></b>	2018276063	<b><u>G01R 31 /-</u></b>	2018270253
<b><u>E02D 7 /-</u></b>	2018293918	2018328019	<b><u>G01G 19 /-</u></b>	2018285898	<b><u>G06F 16 /-</u></b>
2018293555	<b><u>E21B 7 /-</u></b>	<b><u>F16L 23 /-</u></b>	<b><u>G01M 11 /-</u></b>	<b><u>G01R 33 /-</u></b>	2017414413
<b><u>E02F 3 /-</u></b>	2017423296	2018278763	2018285000	2018284779	2018282759
2018273797	2018293918	<b><u>F16L 55 /-</u></b>	<b><u>G01M 11 /-</u></b>	2018299805	2018284077
<b><u>E03D 11 /-</u></b>	<b><u>F03D 13 /-</u></b>	2018278763	2018301248	<b><u>G01S 13 /-</u></b>	2018290745
2018280778	2018400528	<b><u>F21S 2 /-</u></b>	<b><u>G01N 1 /-</u></b>	2018265772	2018290753
<b><u>E04B 9 /-</u></b>	<b><u>F03D 80 /-</u></b>	2018268940	2018317943	<b><u>G01S 17 /-</u></b>	2018300147
2018276075	2018400528	<b><u>F21S 4 /-</u></b>	2018321577	2018261777	<b><u>G06F 17 /-</u></b>
<b><u>E04F 15 /-</u></b>	<b><u>F04B 15 /-</u></b>	2018268940	2018322484	<b><u>G01S 17 /-</u></b>	2017424316
2018279847	2018298330	<b><u>F21S 8 /-</u></b>	2018390983	<b><u>G02B 13 /-</u></b>	2018275877
<b><u>E04G 11 /-</u></b>	<b><u>F04B 37 /-</u></b>	2018268940	2019211231	2018265772	2018345706
2018298695	2018298330	<b><u>F21V 19 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06F 21 /-</u></b>
<b><u>E04G 25 /-</u></b>	<b><u>F04B 43 /-</u></b>	2018268940	2018281696	2018289010	2018299716
2018298695	2018298330	<b><u>F21V 19 /-</u></b>	2018282868	<b><u>G02B 21 /-</u></b>	<b><u>G06F 3 /-</u></b>
			2018317151	2018273795	<b><u>G06F 3 /-</u></b>
			2019214867	2019209199	2018263287
			2019231688	2019209791	2018291010
				<b><u>G02B 27 /-</u></b>	<b><u>G06F 9 /-</u></b>
				2018273795	2018274420
				2019250975	2018345706
				<b><u>G02B 3 /-</u></b>	<b><u>G06K 19 /-</u></b>
				2018279101	2018281220
				<b><u>G02B 5 /-</u></b>	<b><u>G06K 9 /-</u></b>
				2018266269	2018284102
				<b><u>G02B 6 /-</u></b>	2019211231
				2018261777	

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<b><u>G06N 3 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H03M 13 /-</u></b>	<b><u>H04W 12 /-</u></b>
2017424316 2018278348	2018285887 2018301351 2018313853	2018293680	2018261590
<b><u>G06N 99 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H04B 1 /-</u></b>	<b><u>H04W 16 /-</u></b>
2018278348	2018285887	2018314195	2017416848 2017424814
<b><u>G06Q 10 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 24 /-</u></b>
2018274420 2018276969 2018281220 2018281924 2018284088	2018279940 2018301351 2018314770 2018321577	2018276237 2018314195	2017427355 2017432769 2018331002
<b><u>G06Q 20 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H04H 60 /-</u></b>	<b><u>H04W 28 /-</u></b>
2018283196	2018266269 2018301418 2018313853	2018263287	2017424795 2017432427 2018263098
<b><u>G06Q 50 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04J 11 /-</u></b>	<b><u>H04W 36 /-</u></b>
2018267200 2018270253 2018281220 2018281924 2018284088	2018390335 2018397303 2019214867	2018366798	2018261914 2018408669
<b><u>G06T 3 /-</u></b>	<b><u>H01L 43 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04W 4 /-</u></b>
2018261777	2018284779	2017417612 2017422786 2017424795 2018293680	2018266269 2018291851
<b><u>G06T 5 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 48 /-</u></b>
2019232894	2018423071	2017417179 2018285984	2017427355 2017427357
<b><u>G06T 7 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04L 25 /-</u></b>	<b><u>H04W 52 /-</u></b>
2018263287	2018301223 2018426062	2018314195	2017416127 2017426659
<b><u>G08B 25 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H04W 56 /-</u></b>
2017417179	2018265772	2018314195	2018261832 2018264196
<b><u>G09B 5 /-</u></b>	<b><u>H01Q 5 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 68 /-</u></b>
2018283906	2018426062	2017419197 2018261590 2018275145 2018299716	2017426659
<b><u>G09F 21 /-</u></b>	<b><u>H01Q 9 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H04W 72 /-</u></b>
2017415631	2018301223	2017431871 2018342485	2017416737 2018262843 2018284901 2018331002 2018366798 2018401518
<b><u>G10K 11 /-</u></b>	<b><u>H02B 1 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 76 /-</u></b>
2018329650	2018267087	2018270253 2018299716 2018411809	2017427114 2017427355 2018261914
<b><u>G10L 15 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04M 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
2018280030 2018283906 2018345706	2018272082	2018280030	2017427114 2018266269
<b><u>G10L 17 /-</u></b>	<b><u>H02M 1 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2018345706	2018281528 2018302846	2018270853 2018325974 2018327924	
<b><u>G11B 27 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2018263287	2018302846	2018263287 2018275145	
<b><u>G16H 15 /-</u></b>			
2018321577	2018281528 2018302846		

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**C07D 498/14** ( 2006.01 )  
**A61K 31/535** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
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**F01K 13/00** ( 2006.01 )  
**F01K 25/10** ( 2006.01 )  
**F02C 1/08** ( 2006.01 )  
**F02C 3/34** ( 2006.01 )  
**F02C 7/143** ( 2006.01 )  
**F17C 9/04** ( 2006.01 )  
**F23J 15/02** ( 2006.01 )  
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 (54) METHOD AND DEVICE FOR ELECTRICALLY CHARGING ELECTRIC VEHICLES  
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*B60L 53/302* ( 2019.01 )  
*F28D 21/00* ( 2006.01 )  
*H01M 10/44* ( 2006.01 )  
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**H04B 10/2581** ( 2013.01 )  
**A61N 1/372** ( 2006.01 )  
**H04R 25/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A47K 5/12** ( 2006.01 )  
**A47L 13/26** ( 2006.01 )  
**A47L 15/44** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61M 5/165** ( 2006.01 )  
**C07K 1/34** ( 2006.01 )  
**C07K 14/62** ( 2006.01 )  
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**(51)** Int. Cl.

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Caixado, Carlos Alberto Eufrazio;  
Lopes, Ana Sofia Da Conceicao; Damil,  
Joao Carlos Ramos  
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CONCEALMENT

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devices and methods for their delivery

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Tegels, Zachary J.; Ekvall, Craig A.  
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**(54)** Switch controller for separating multiple  
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posite materials

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DNA

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**(74)** Griffith Hack

**(71)** The Climate Corporation

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**(51)** Int. Cl.  
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Greg  
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Chad  
**(74)** Ellis Terry

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ing tumor cells

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**(71)** The General Hospital Corporation

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cing skin pigmentation

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Erich  
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en, K.**

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**The Johns Hopkins University see North-  
western University**

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ment and oral care implement

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**A46D 1/00** ( 2006.01 )  
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Sven Alexander; Claire-Zimmet, Karen  
Lynn  
**(74)** Watermark Intellectual Property Pty Ltd

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a body corporate see ClarVista Medical,  
Inc.**

**(21)** 2015380300

**(71)** The Trustees of the University of  
Pennsylvania; Acuitas Therapeutics  
Inc.

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**(54)** Nucleoside-modified RNA for inducing  
an adaptive immune response  
**(51)** Int. Cl.

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**C02F 11/02** ( 2006.01 )  
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**H04W 4/38** ( 2018.01 )  
**H04W 4/70** ( 2018.01 )  
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**G01C 21/00** ( 2006.01 )  
**A61F 9/00** ( 2006.01 )  
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**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**C22B 26/12** ( 2006.01 )  
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 (51) Int. Cl.  
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**H04W 12/06** ( 2009.01 )  
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**F01D 1/04** ( 2006.01 )  
**F01D 9/04** ( 2006.01 )  
**F01D 17/10** ( 2006.01 )  
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     **A61K 9/51** ( 2006.01 )  
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     **A61K 31/506** ( 2006.01 )  
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 (54) Vehicle  
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     **B65D 90/12** ( 2006.01 )  
 (31) 201720847049.X (32) 12.07.17 (33) CN  
 (43) 31.01.2019  
 (44) 02.01.2020  
 (72) Yang, Baotong; Jiang, Diqing; Zhang, Zhiyong; Feng, Cheng; Zhang, Donglan  
 (74) Davies Collison Cave Pty Ltd

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2013358904	Rutgers, The State University of New Jersey	2015258772	Ensitech IP Pty Ltd
2014205604	Genzyme Corporation	2015258842	Allergan, Inc.
2014212003	Seres Therapeutics, Inc.	2015264780	Covidien LP
2014225864	Fasetto, Inc.	2015266772	HUBBELL INCORPORATED
2014229953	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2015272132	Heineken Supply Chain B.V.
2014234955	National ICT Australia Limited	2015277574	Schleiffarth, J.
2014242689	Paycasso Verify Ltd	2015279047	Nogra Pharma Limited
2014248841	Pioneer Hi-Bred International, Inc.	2015283052	Sanofi
2014275772	VLP Therapeutics, LLC	2015284003	Fisher, J.; Tyll Solar, LLC
2014277743	Faiveley Transport Amiens	2015284004	Qualcomm Incorporated
2014287879	Hanmi Pharm. Co., Ltd.	2015284637	Dow Global Technologies LLC
2014287880	Hanmi Pharm. Co., Ltd.	2015286191	Rail-Veyor Technologies Global Inc.
2014289407	Lexogen GmbH	2015288078	Becton, Dickinson and Company
2014303356	Astellas Pharma Inc.	2015295348	Cellectis
2014308699	Board of Regents, The University of Texas System	2015296835	Marshall, J.
2014312130	Genentech, Inc.	2015296881	Sealife Pharma GmbH
2014312200	STC.UNM	2015298235	KADANT NORTHERN U.S. LLC
2014317857	Natreon, Inc.	2015300260	Oncotherapy Science, Inc.
2014328493	Veritas Technologies LLC	2015302253	Cryomedix, LLC
2014330911	Cosmetic Warriors Limited	2015303320	Umicore
2014342162	Regeneron Pharmaceuticals, Inc.; University Health Network (UHN)	2015306735	Airway Technologies, LLC
2014351996	F. Hoffmann-La Roche AG	2015306958	Veltex Associates, Inc.
2014362360	Hollister Incorporated	2015306982	Ecolab USA Inc.
2014364520	The General Hospital Corporation	2015308499	Gemoab Monoclonals GmbH
2014370204	Owens-Brockway Glass Container Inc.	2015308709	CHDI Foundation, Inc.
2014388153	Microsoft Technology Licensing, LLC	2015308814	Vascular Insights LLC
2014391080	Paladin Intellectual Property Pty Ltd	2015311772	Duke University
2014393487	Tecnimedede Sociedade Tecnico-Medicinal S.A.	2015314851	Janssen Pharmaceutica NV
2014393489	Tecnimedede Sociedade Tecnico-Medicinal S.A.	2015314911	Wilcoxon, K.; Fish, T.; Maxwell, J.; Cisek, K.; Johnson, M.; The Glad Products Company
2014393490	Tecnimedede Sociedade Tecnico-Medicinal S.A.	2015315557	8 Rivers Capital, LLC
2014399861	Orenda Automation Technologies Inc.	2015316183	Everingham Group Pty Ltd
2014404414	Landmark Graphics Corporation	2015320315	Novaphos Inc.
2014407470	Nanjing Lianzhong Construction Engineering Technology Co., Ltd.	2015323653	Tapintel S.L.
2014415570	Kimberly-Clark Worldwide, Inc.	2015326798	UCB Biopharma SPRL; Sanofi
2015201217	Syngenta Participations AG	2015327411	Merck Patent GmbH
2015201249	CYBERCHILL PTY LTD	2015328220	International Biophysics Corporation
2015201317	Multicell Pty Ltd	2015330554	Jiangsu Hengrui Medicine Co., Ltd.
2015201655	CGG Services SA	2015333589	Liquid Fertiliser Pty Ltd
2015203734	ASSA ABLOY Australia Pty Limited	2015334557	Eni S.p.A.
2015204838	Pictometry International Corp.	2015336127	Indiana University Research & Technology Corporation
2015208092	Chapelglade Limited	2015339951	Kimberly-Clark Worldwide, Inc.
2015209140	Church, W.	2015343479	Knappco Corporation
2015210708	Magic Leap, Inc.	2015344823	Angus Holdings Safety Group Limited
2015212265	Daiichi Sankyo Company, Limited	2015345233	Piqur Therapeutics AG; Universität Basel
2015215842	TallyWalker Pty Ltd	2015346022	The General Hospital Corporation
2015217259	Cornell University	2015349033	Merck Patent GmbH
2015227412	Fugro N.V.	2015349730	Stratos Genomics, Inc.
2015230737	CASIO COMPUTER CO., LTD.	2015352840	Haldor Topsøe A/S
2015232049	Fisher & Paykel Healthcare Limited	2015359624	Janssen Sciences Ireland UC
2015233469	Ivoclar Vivadent AG	2015363165	Huntsman Petrochemical LLC
2015234603	Orica International Pte Ltd	2015366202	Janssen Pharmaceutica NV
2015234708	Orica International Pte Ltd	2015367509	F. Hoffmann-La Roche AG
2015236208	SunPower Corporation; Total Marketing Services	2015374408	Kemira Oyj
2015241193	Standard Bariatrics, Inc.	2015380300	ClarVista Medical, Inc.; The Regents of the University of Colorado, a body corporate
2015241256	Microsoft Technology Licensing, LLC	2015387270	Certis Cisco Security Pte Ltd
2015242237	Fisher & Paykel Healthcare Limited	2015390863	NKT HV Cables GmbH
2015242363	The University of Nottingham	2015397044	Auasia Agrotech Sdn. Bhd.
2015245931	Sentek Pty Ltd.	2015397928	Halliburton Energy Services, Inc.
2015245944	Murdoch University	2016200049	Techtronic Industries Co., Ltd.
2015252281	Philip Morris Products S.A.	2016200180	ASAHI SEIKO CO., LTD.
2015252763	Roffe Medical Holdings Pty Ltd	2016200210	Oticon Medical A/S
2015252868	Nevro Corporation	2016201623	Covidien LP
2015256002	Northwestern University; The Johns Hopkins University	2016202221	The Boeing Company
2015256208	University of Tennessee Research Foundation; GTx, Inc.	2016206733	Stoller Enterprises, Inc.
2015258338	KONE CORPORATION	2016206797	Ethicon, Inc.
		2016207288	Samsung Electronics Co., Ltd.

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2016209005	Solmax International Inc.	2017232365	Nova Oculus Canada Manufacturing ULC
2016211305	The Climate Corporation	2017233533	Exxonmobil Upstream Research Company
2016211547	Tevnos LLC	2017235275	Robert Bosch GmbH
2016211581	Arthrex, Inc.	2017235928	Seminis Vegetable Seeds, Inc.; Plant Bioscience Limited
2016213099	Sumitomo Metal Mining Co., Ltd.	2017239295	Shanghai HaiHe Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2016215180	Noven Pharmaceuticals, Inc.	2017240074	Asieris Pharmaceutical Technologies Co., Ltd.
2016215197	Tendyne Holdings Inc.	2017245268	Spinal Modulation, Inc.
2016216748	Samsung Electronics Co., Ltd.	2017251784	Nokia Technologies Oy
2016218341	Qualcomm Incorporated	2017252458	Eli Lilly and Company
2016220072	Visa International Service Association	2017253581	DEKA Products Limited Partnership
2016226407	Gardner, G.	2017254459	Cardiac Pacemakers, Inc.
2016232834	AeroVironment, Inc.	2017254839	Biosense Webster (Israel), Ltd.
2016236437	Kleemann GmbH	2017255209	LG Electronics Inc.
2016238551	Pfizer Inc.,	2017255475	Huawei Technologies Co., Ltd.
2016241822	NIPPON STEEL NISSHIN CO., LTD.	2017261529	ServiceNow, Inc.
2016245324	Orontide Group Ltd	2017265092	PATEL, G.N.
2016248267	Jushi Group Co., Ltd.	2017269983	TAKRAF GmbH
2016249039	Panasonic Intellectual Property Corporation of America	2017270580	Allergan, Inc.
2016253270	CRRC Meishan Co., Ltd.	2017271296	Polarcus DMCC; Godøy, E.
2016253972	The Trustees of the University of Pennsylvania; Acuitas Therapeutics Inc.	2017272201	Novartis AG
2016254700	Janssen Sciences Ireland UC	2017272514	Purac Biochem BV
2016258087	Bristol-Myers Squibb Company	2017273354	Becton, Dickinson and Company
2016264100	Goldman Sachs & Co. LLC	2017273382	Comba Telecom Systems (China) Limited; Comba Telecom Technology (Guangzhou) Ltd.; Comba Telecom Systems (Guangzhou) Ltd.; Tianjin Comba Telecom Systems Ltd.
2016264360	The Climate Corporation	2017273604	Siemens Aktiengesellschaft
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2016270746	General Mills, Inc.	2017275583	The Procter & Gamble Company
2016271124	Molecular Templates, Inc.	2017279582	Fujian Mindong Electric Corp., Ltd.
2016271468	PellePharm, Inc.	2017282817	Alibaba Group Holding Limited
2016279686	Geobruugg AG	2017282891	KBP Biosciences Co., Ltd.
2016281346	Kissei Pharmaceutical Co., Ltd.	2017286315	Sandvik Mining and Construction Oy
2016305103	The Chinese University of Hong Kong	2017290252	Amazon Technologies, Inc.
2016306052	Satori Worldwide, LLC	2017292285	Yamaha Motor Power Products Kabushiki Kaisha
2016319405	AB Medica	2017293746	Samsung Electronics Co., Ltd.
2016324176	Glue AB	2017294246	Magang (Group) Holding Co., Ltd.; Maanshan Iron & Steel Co., Ltd.
2016329505	British American Tobacco (Investments) Limited	2017294932	Unilever PLC
2016339924	NantOmics, LLC	2017299655	Huawei Technologies Co., Ltd.
2016341619	Cadila Healthcare Limited	2017306852	Leone S.p.A.
2016344016	Factor 55, LLC	2017307103	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2016352206	Alibaba Group Holding Limited	2017308080	Janome Sewing Machine Co., Ltd.
2016355569	Merck Sharp & Dohme Corp.	2017311613	Komatsu Ltd.
2016355570	Merck Sharp & Dohme Corp.	2017311664	Novartis AG
2016365765	Outotec (Finland) Oy	2017312717	Siemens Industry, Inc.
2016368240	Hinova Pharmaceuticals Inc.	2017312722	Alkahest, Inc.
2016374348	Sumitomo Metal Mining Co., Ltd.	2017314290	Jiangsu Goldwind Science & Technology Co., Ltd.
2016380695	3M Innovative Properties Company	2017314909	3M Innovative Properties Company
2016386943	Planet GDZ AG	2017321215	Northrop Grumman Systems Corporation
2016389089	Google LLC	2017324259	3M Innovative Properties Company
2016397146	Katayama Chemical, Inc.	2017327619	Shibaura Institute of Technology; JX Nippon Mining & Metals Corporation
2016401750	Huawei Technologies Co., Ltd.	2017329987	Siemens Aktiengesellschaft
2016404495	Huawei Technologies Co., Ltd.	2017330597	MEDACTA INTERNATIONAL SA
2016407579	China University of Mining and Technology	2017331879	Fujikura Ltd.
2016412490	Mitsubishi Electric Corporation	2017337211	Lenz Ges.m.b.H.
2016426994	Colgate-Palmolive Company	2017337283	Shell Internationale Research Maatschappij B.V.
2016431712	Taiyuan University of Technology	2017339379	PayPal, Inc.
2017201894	Norilsk Nickel Harjavalta Oy	2017340881	Asahi Kasei Kabushiki Kaisha
2017202256	Wave Power Renewables Limited	2017343960	Boston Scientific Neuromodulation Corporation
2017204340	The Water & Carbon Group Pty Ltd	2017345601	NanEnergy, Inc.
2017206398	Huawei Technologies Co., Ltd.	2017352687	CRRC Qingdao Sifang Co., Ltd.
2017210921	Institut Pasteur of Shanghai, Chinese Academy of Sciences	2017360861	PPG Industries Ohio, Inc.
2017213239	Action Sports Equipment Pty Ltd	2017368288	Purac Biochem BV
2017213426	Ra, Y.	2017369779	Provepharm Life Solutions
2017215225	Ningbo Fotile Kitchen Ware Co., Ltd	2017381313	Dentsply DeTrey GmbH
2017219053	Koninklijke Douwe Egberts B.V.		
2017219080	Regeneron Pharmaceuticals, Inc.		
2017219156	Sanofi		
2017220902	Daikin Industries, Ltd.		
2017222964	Asceneuron S. A.		
2017224431	Unitec S.p.A.		
2017225297	Pulse Biosciences, Inc.		

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2017404565	Ping An Technology (Shenzhen) Co., Ltd.	2018256507	Becton, Dickinson and Company
2017416078	BOE Technology Group Co., Ltd.	2018256675	ExxonMobil Research and Engineering Company
2017423559	LG Electronics Inc.	2018258159	Corbus Pharmaceuticals, Inc.
2018200208	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2018260917	Medytox Inc.
2018200230	Shire Human Genetic Therapies, Inc.	2018263995	Vaculift, Inc (dba Vacuworx International)
2018200311	Silence Therapeutics GmbH	2018271369	AbbVie Inc.; Apogenix AG
2018200350	Fisher & Paykel Healthcare Limited	2018278973	CareFusion 303, Inc.
2018200619	Mesoblast International Sarl	2018278985	Mueller International, LLC
2018200781	MasterCard International Incorporated	2018278989	Mueller International, LLC
2018200795	SAMSUNG ELECTRONICS CO., LTD.	2018282380	LG Electronics Inc.
2018200922	Yangzhou Tonglee Reefer Container Co., LTD.; China International Marine Containers (Group) Ltd.; CIMC Containers Holding Company Ltd.	2018322506	Xinfa pharmaceutical co., LTD
2018200933	XSpray Microparticles AB	2018344099	Xinfa pharmaceutical co., LTD
2018201164	Hitachi Construction Machinery, Co., Ltd.	2018358933	Tionesta, LLC
2018201483	British American Tobacco (Investments) Limited	2019200456	Kimura Kohki Co., Ltd.
2018201501	Regeneron Pharmaceuticals, Inc.	2019200650	Daikin Industries, Ltd.
2018201534	MedImmune, LLC	2019201148	Northrop Grumman Systems Corporation
2018202006	Evogene Ltd.	2019201166	Kimberly-Clark Worldwide, Inc.
2018202111	Tata Consultancy Services Limited	2019201530	Biolectrics LLC
2018202200	Bluebird Bio, Inc.	2019203494	Shanghai Aodian Hardware & Mechanism Co., Ltd
2018202278	Boehringer Ingelheim International GmbH	2019205988	Beijing SMTP Technology Co., Ltd.
2018202412	Galvin Engineering Pty Ltd	2019210621	Biosuccess Biotech Co. Ltd.
2018202673	Toyota Jidosha Kabushiki Kaisha		
2018202789	Exosome Diagnostics, Inc.		
2018202829	Horizon Global Americas Inc		
2018202862	Serinet Ltda. Representaciones y Servicios de Petroleos		
2018202962	Materna Medical, Inc.		
2018202966	FISHER & PAYKEL HEALTHCARE LIMITED		
2018203175	Gilead Sciences, Inc.		
2018203273	AMO Development, LLC		
2018203449	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)		
2018203550	Earlens Corporation		
2018203692	Allergan Industrie, SAS		
2018204117	Southwest Research Institute; Shell Internationale Research Maatschappij B.V.		
2018204390	Hydac Drive Center GmbH		
2018204401	Apple Inc.		
2018204415	Dr. Ing. h.c.F. Porsche Aktiengesellschaft		
2018204600	Blount, Inc.		
2018204844	ES Xplore, L.L.C.		
2018204874	Biosense Webster (Israel) Ltd.		
2018205069	TLV CO., LTD.		
2018206399	DJO, LLC		
2018206724	Falcon Waterfree Technologies, LLC		
2018208634	China University of Mining and Technology		
2018208669	Alakai Technologies Corporation		
2018208674	FISHER & PAYKEL HEALTHCARE LIMITED		
2018210645	LG Electronics Inc.		
2018211325	Ionis Pharmaceuticals, Inc.		
2018213816	BASF SE		
2018214059	Apple Inc.		
2018217187	Bruin Biometrics, LLC		
2018220088	Apogean Metal Co., Ltd.		
2018220139	LG Electronics Inc.		
2018223058	INCYTE CORPORATION		
2018226456	SPR Therapeutics, Inc.		
2018226514	Mesoblast, Inc.		
2018229410	4D Pharma PLC		
2018229469	Colgate-Palmolive Company		
2018236752	Denso Corporation; Toyota Jidosha Kabushiki Kaisha		
2018239031	LG Electronics Inc.		
2018241159	Microsoft Technology Licensing, LLC		
2018246109	Alibaba Group Holding Limited		
2018246779	LG Electronics Inc.		
2018247261	Duke University		
2018250395	Smartsky Networks LLC		
2018251613	Kygee Pty Ltd		
2018253465	Hohai University		

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2018204600	2017337211	2015302253	2014393489	2015300260	<b><u>A61M 11 /-</u></b>
<b><u>A01G 25 /-</u></b>	<b><u>A43D 35 /-</u></b>	2017245268	2014393490	2016341619	2016329505
2016264360	2017337211	2018204874	2015212265	2016355569	2017324259
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2015397044	2016426994	2014234955	2015256208	2017272201	2016329505
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2018202006	2015258772	2019205988	2015296881	2018201534	<b><u>A61M 16 /-</u></b>
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2015201217	2017275583	2015208092	2015314851	2015242363	2015242237
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2014229953	2018282380	2017254839	2015327411	2018247261	2016226407
2014248841	<b><u>A47K 3 /-</u></b>	2017273354	2015330554	<b><u>A61K 47 /-</u></b>	2016329505
2015201217	2018202412	2018217187	2015345233	2016271468	2018200350
2017235928	<b><u>A47K 5 /-</u></b>	2018358933	2015359624	2018200933	2018202966
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2017219080	2015306982	2015230737	2015367509	2015300260	<b><u>A61M 25 /-</u></b>
2018200311	<b><u>A47L 15 /-</u></b>	<b><u>A61C 15 /-</u></b>	2016238551	2016339924	2014362360
2018201501	2015306982	2019201530	2016253972	2018202200	2015288078
<b><u>A01N 25 /-</u></b>	<b><u>A47L 5 /-</u></b>	<b><u>A61C 7 /-</u></b>	2016254700	2018202789	2016226407
2016206733	2015306982	2017306852	2016258087	2018211325	2017245268
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2015308709	2016200049	2014415570	2016281346	2015256002	2018204874
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2016269996	2017255209	2015258842	2017210921	<b><u>A61K 6 /-</u></b>	<b><u>A61M 29 /-</u></b>
<b><u>A23G 3 /-</u></b>	<b><u>A61B 1 /-</u></b>	2015380300	2017222964	2015233469	2015217259
2016270746	2016226407	2016211581	2017239295	2017381313	2018202962
<b><u>A23L 5 /-</u></b>	2018202962	2016215197	2017282891	<b><u>A61K 8 /-</u></b>	<b><u>A61M 39 /-</u></b>
2017369779	<b><u>A61B 10 /-</u></b>	2018206399	2017314909	2014330911	2017213426
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2015252281	<b><u>A61B 17 /-</u></b>	2015306735	2018200933	2018203692	2018278973
2016329505	2015241193	2018206399	2018202278	2018229469	<b><u>A61M 5 /-</u></b>
2018201483	2015252763	<b><u>A61F 9 /-</u></b>	2018203175	<b><u>A61K 9 /-</u></b>	2015288078
<b><u>A42B 3 /-</u></b>	2015264780	2014287880	2018223058	2016253972	2015308814
2015316183	2015311772	2014342162	2018226514	2016271468	2017213426
<b><u>A43B 3 /-</u></b>	2016201623	2014364520	2018229410	2018200933	2017252458
2017337211	2016206797	2015300260	<b><u>A61K 38 /-</u></b>	2018202789	<b><u>A61N 1 /-</u></b>
<b><u>A43B 7 /-</u></b>	2016215197	2017312722	2014212003	2018229410	2015252868
2017337211	2016215197	2018200230	2017312722	<b><u>A61K 6 /-</u></b>	2015336127
<b><u>A43B 7 /-</u></b>	2016319405	2018200311	2018226514	2015339951	2016200210
2017337211	2017245268	2018247261	2018229410	<b><u>A61L 2 /-</u></b>	2017232365
<b><u>A43B 7 /-</u></b>	2017330597	2018271369	<b><u>A61K 33 /-</u></b>	2016426994	2017254459
2018202962	2019205988	<b><u>A61K 39 /-</u></b>	2015242363	<b><u>A61L 29 /-</u></b>	2017343960
2019205988	<b><u>A61B 18 /-</u></b>	2014205604	<b><u>A61K 35 /-</u></b>	2018256507	2018203550
	2015302253	2014275772	2014212003	<b><u>A61L 31 /-</u></b>	2018226456
	2017245268	2014287880	2017312722	2015311772	<b><u>A61P 1 /-</u></b>
	2018204874	2014303356	2018229410	<b><u>A61M 1 /-</u></b>	2018229410
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<b>A61P 17 /-</b>		2014391080	<b>B23K 37 /-</b>	2016344016	<b>B65D 83 /-</b>
2016281346 2016368240	<b>A61P 37 /-</b>	<b>B01D 53 /-</b>	2015258772	<b>B60K 13 /-</b>	2015272132
<b>A61P 19 /-</b>	2016258087 2018223058	2015315557 2018256675	<b>B25J 11 /-</b>	2017292285	<b>B65D 85 /-</b>
2014308699 2015283052 2015330554 2016368240	<b>A61P 39 /-</b>	<b>B01D 61 /-</b>	2017255209	<b>B60K 17 /-</b>	2017219053
<b>A61P 21 /-</b>	2016368240	2014391080	<b>B25J 19 /-</b>	2018204600	<b>B65D 88 /-</b>
2015242363 2018247261	<b>A61P 7 /-</b>	<b>B01D 69 /-</b>	2017255209	<b>B60K 25 /-</b>	2015201317
<b>A61P 25 /-</b>	2018202200	2014391080	<b>B25J 9 /-</b>	2018204600	<b>B65D 90 /-</b>
2014393487 2014393489 2014393490 2015242363 2015314851 2015326798 2016281346 2017311664	<b>A61P 9 /-</b>	<b>B01F 3 /-</b>	2017255209	<b>B60L 53 /-</b>	2015201317 2018200922
<b>A61P 29 /-</b>	2015326798 2016368240 2018247261	2016365765	<b>B27C 5 /-</b>	2017286315 2018204415	<b>B65G 21 /-</b>
2015326798 2015327411 2015330554 2018223058 2018229410	<b>A61Q 11 /-</b>	<b>B01F 5 /-</b>	2015298235	<b>B60M 7 /-</b>	2016236437
<b>A61P 3 /-</b>	2018229469	2016365765	<b>B27C 7 /-</b>	2017286315	<b>B65G 39 /-</b>
2015326798 2015327411 2015330554 2018223058 2018229410	<b>A61Q 15 /-</b>	<b>B01J 2 /-</b>	2015298235	<b>B60Q 1 /-</b>	2016245324
<b>A61P 3 /-</b>	2017294932	2017270580	<b>B27L 1 /-</b>	2018202829	<b>B65G 41 /-</b>
2015326798 2015327411 2015330554 2018223058 2018229410	<b>A61Q 19 /-</b>	<b>B01J 20 /-</b>	2015298235	<b>B60Q 9 /-</b>	2016236437
<b>A61P 3 /-</b>	2014330911 2018203692	2018256675	<b>B29C 45 /-</b>	2018236752	<b>B65G 43 /-</b>
2014317857 2015326798 2016258087 2017282891 2018202278 2018247261 2018260917	<b>A62D 1 /-</b>	<b>B02C 15 /-</b>	2015284637	<b>B60T 17 /-</b>	2016245324
<b>A61P 31 /-</b>	2015344823	2017270580	<b>B30B 15 /-</b>	2014277743	<b>B66B 7 /-</b>
2015242363 2015359624 2016254700 2017210921 2017282891 2017314909 2018203175	<b>A62D 101 /-</b>	<b>B02C 4 /-</b>	2017269983	<b>B61B 3 /-</b>	2015258338
<b>A61P 33 /-</b>	2016397146	2017269983	<b>B30B 3 /-</b>	2015286191	<b>B66C 1 /-</b>
2014342162	<b>A62D 3 /-</b>	<b>B02C 7 /-</b>	2017269983	<b>B61B 5 /-</b>	2016344016 2018263995
<b>A61P 35 /-</b>	2016397146	2014399861	<b>B32B 17 /-</b>	2015286191	<b>B66C 13 /-</b>
2015212265 2015242363 2015300260 2015326798 2015345233 2015367509	<b>A63B 5 /-</b>	<b>B03D 1 /-</b>	2016202221	<b>B61D 25 /-</b>	2016431712
<b>B01D 1 /-</b>	2017213239	2017327619 2017381628	<b>B32B 27 /-</b>	2017352687	<b>B66F 9 /-</b>
<b>B01D 19 /-</b>	2015245944	<b>B05B 1 /-</b>	2016202221 2016209005	<b>B61H 5 /-</b>	2018263995
<b>B01D 29 /-</b>	2015277574	<b>B32B 3 /-</b>	2017269983	2014277743	<b>B67B 1 /-</b>
<b>B01D 3 /-</b>	2018220139	<b>B32B 37 /-</b>	2016202221	<b>B64C 1 /-</b>	2015323653
<b>B01D 35 /-</b>	2015277574	2016209005	2016202221	2016202221 2016232834	<b>B67D 1 /-</b>
	2018220139	<b>B32B 38 /-</b>	2016209005	<b>B64C 27 /-</b>	2015272132 2018210645 2018220139
	2017224431	2016202221	<b>B33Y 80 /-</b>	2018208669	<b>C01B 25 /-</b>
	2015258772	2016365765	2016365765	<b>B64D 47 /-</b>	2015320315
	<b>B21D 22 /-</b>	<b>B08B 3 /-</b>	<b>B41M 3 /-</b>	2015204838	<b>C01B 32 /-</b>
	2016241822	2016213099	<b>B42D 25 /-</b>	2016253270	2015315557
		<b>B65D 30 /-</b>		<b>B65D 30 /-</b>	<b>C01B 33 /-</b>
				2015314911	2017360861

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<b><u>C02F 1 /-</u></b>	<b><u>C07C 279 /-</u></b>	2018223058	2017314909	<b><u>C08F 8 /-</u></b>	2014205604
2015245944	2015296881	<b><u>C07D 405 /-</u></b>	2018203175	2017381313	2014275772
2016397146	<b><u>C07C 319 /-</u></b>	2015345233	<b><u>C07D 513 /-</u></b>	<b><u>C08J 3 /-</u></b>	<b><u>C12N 9 /-</u></b>
2017423559	2015352840	2015366202	2017222964	2016209005	2018200230
<b><u>C02F 103 /-</u></b>	<b><u>C07C 59 /-</u></b>	2016281346	<b><u>C07D 519 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C12P 19 /-</u></b>
2015245944	2015349033	2017222964	2015345233	2015284637	2015346022
<b><u>C02F 11 /-</u></b>	<b><u>C07C 67 /-</u></b>	<b><u>C07D 407 /-</u></b>	2016254700	<b><u>C09B 67 /-</u></b>	<b><u>C12P 21 /-</u></b>
2017204340	2015352840	2017222964	<b><u>C07F 5 /-</u></b>	2017369779	2014303356
<b><u>C02F 3 /-</u></b>	2018213816	<b><u>C07D 409 /-</u></b>	2015327411	<b><u>C09B 7 /-</u></b>	2018201534
2017204340	<b><u>C07C 69 /-</u></b>	2016258087	<b><u>C07H 19 /-</u></b>	2017369779	<b><u>C12P 7 /-</u></b>
<b><u>C02F 7 /-</u></b>	2015352840	2016281346	2015349730	2017369779	2017272514
2018253465	2018213816	<b><u>C07D 413 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C09D 11 /-</u></b>	2017368288
<b><u>C02F 9 /-</u></b>	<b><u>C07D 209 /-</u></b>	2015314851	2018200311	2016213099	<b><u>C12Q 1 /-</u></b>
2018282380	2016258087	2015345233	2018211325	<b><u>C09D 17 /-</u></b>	2014364520
<b><u>C03C 13 /-</u></b>	2017282891	2017222964	<b><u>C07H 3 /-</u></b>	2016213099	2015300260
2016248267	<b><u>C07D 211 /-</u></b>	2017239295	2015242363	<b><u>C09J 133 /-</u></b>	2016305103
<b><u>C03C 3 /-</u></b>	2018344099	<b><u>C07D 417 /-</u></b>	<b><u>C07K 1 /-</u></b>	2016215180	2017235928
2016248267	<b><u>C07D 215 /-</u></b>	2016258087	2017252458	<b><u>C09K 3 /-</u></b>	2018200311
<b><u>C04B 7 /-</u></b>	2016258087	2016281346	2018200230	2016213099	<b><u>C21D 1 /-</u></b>
2015363165	2016368240	2017222964	<b><u>C07K 14 /-</u></b>	<b><u>C09K 8 /-</u></b>	2017294246
<b><u>C05B 7 /-</u></b>	<b><u>C07D 217 /-</u></b>	2015279047	2014248841	2015374408	<b><u>C22B 1 /-</u></b>
2015333589	2015349033	2015314851	2014275772	2015397928	2017327619
<b><u>C05B 9 /-</u></b>	<b><u>C07D 231 /-</u></b>	2015326798	2015295348	<b><u>C10G 73 /-</u></b>	<b><u>C22B 23 /-</u></b>
2015333589	2015256208	2015349033	2016271124	2014391080	2017201894
<b><u>C05D 1 /-</u></b>	2016281346	2016281346	2017252458	<b><u>C12N 1 /-</u></b>	<b><u>C22B 26 /-</u></b>
2016269996	<b><u>C07D 235 /-</u></b>	<b><u>C07D 471 /-</u></b>	2018271369	2014212003	2017201894
<b><u>C05G 3 /-</u></b>	2015256208	2015279047	<b><u>C07K 16 /-</u></b>	2017272514	<b><u>C22B 3 /-</u></b>
2016269996	<b><u>C07D 239 /-</u></b>	2015326798	2014287879	<b><u>C12N 15 /-</u></b>	2016374348
<b><u>C07B 57 /-</u></b>	2015345233	2015330554	2014303356	2014248841	<b><u>C22B 59 /-</u></b>
2018322506	<b><u>C07D 295 /-</u></b>	2015330554	2014351996	2014275772	2016374348
<b><u>C07B 59 /-</u></b>	2016253972	2015359624	2015212265	2015379928	<b><u>C22B 7 /-</u></b>
2017222964	<b><u>C07D 311 /-</u></b>	2015366202	2015295348	2015397928	2015303320
<b><u>C07C 219 /-</u></b>	2016253972	2015366202	2015300260	2015397928	<b><u>C22C 38 /-</u></b>
2016253972	<b><u>C07D 319 /-</u></b>	2016254700	2016355569	2015397928	2017294246
<b><u>C07C 233 /-</u></b>	2014317857	2017222964	2016355570	2015397928	2018220088
2015256002	<b><u>C07D 401 /-</u></b>	<b><u>C07D 475 /-</u></b>	2017240074	<b><u>C10G 73 /-</u></b>	<b><u>C23C 4 /-</u></b>
<b><u>C07C 277 /-</u></b>	2015314851	2017222964	2017272201	2018200619	2018204117
2015296881	2015345233	<b><u>C07D 487 /-</u></b>	2017311664	2018200619	<b><u>C25B 1 /-</u></b>
2016281346	2016281346	2015279047	2018200230	2018226514	2017273604
2017222964	<b><u>C07D 403 /-</u></b>	2015326798	2018201534	<b><u>C12N 7 /-</u></b>	
2017239295	2015314851	<b><u>C07D 493 /-</u></b>	<b><u>C07K 19 /-</u></b>		
	2015345233	2015326798	2014275772		
	2016281346	<b><u>C07D 495 /-</u></b>	2014287879		
	2017222964	2015279047	<b><u>C07K 7 /-</u></b>		
	2017239295	2016238551	2015300260		
		2017222964	2017327619		
		<b><u>C07D 498 /-</u></b>	<b><u>C08F 220 /-</u></b>		
		2015345233	2016215180		
		2017222964			



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<b><u>C25B 11 /-</u></b>	<b><u>E05B 15 /-</u></b>	<b><u>F01K 25 /-</u></b>	2016344016	2019200650	<b><u>G01N 33 /-</u></b>
2017345601	2016386943	2015315557	<b><u>F16K 3 /-</u></b>	<b><u>F25D 11 /-</u></b>	2014364520
<b><u>C25B 13 /-</u></b>	<b><u>E05B 17 /-</u></b>	<b><u>F01N 1 /-</u></b>	2018278985	2015201249	2015245931
2017273604	2016386943	2017292285	2018278989	<b><u>F25D 19 /-</u></b>	2015300260
<b><u>C25B 15 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>F01N 13 /-</u></b>	<b><u>F16L 55 /-</u></b>	2015201249	2015306958
2017273604	2016324176	2017292285	2018253465	<b><u>F25D 23 /-</u></b>	2016211305
<b><u>C25B 3 /-</u></b>	<b><u>E05D 11 /-</u></b>	<b><u>F01P 1 /-</u></b>	<b><u>F16L 59 /-</u></b>	2015201249	2017271296
2017273604	2018251613	2018263995	2018201483	<b><u>F28D 21 /-</u></b>	2017272201
<b><u>C25B 9 /-</u></b>	<b><u>E06B 1 /-</u></b>	<b><u>F02C 1 /-</u></b>	<b><u>F16L 9 /-</u></b>	2018204415	<b><u>G01R 27 /-</u></b>
2017273604	2018251613	2015315557	2014407470	<b><u>F41B 11 /-</u></b>	2015245931
<b><u>C25F 1 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>F02C 3 /-</u></b>	<b><u>F17C 9 /-</u></b>	2015296835	<b><u>G01R 29 /-</u></b>
2015258772	2018251613	2015315557	2015315557	<b><u>F42B 3 /-</u></b>	2015201655
<b><u>D04B 21 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>F02C 7 /-</u></b>	<b><u>F21V 21 /-</u></b>	2015234603	<b><u>G01S 17 /-</u></b>
2017340881	2015215842	2015315557	2015266772	<b><u>F42C 15 /-</u></b>	2017271296
<b><u>D04H 1 /-</u></b>	<b><u>E21B 27 /-</u></b>	<b><u>F03B 13 /-</u></b>	<b><u>F23J 15 /-</u></b>	2015234603	<b><u>G01S 19 /-</u></b>
2019201166	2015215842	2017202256	2015315557	2015234708	2015227412
<b><u>D04H 13 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F03B 15 /-</u></b>	<b><u>F23L 7 /-</u></b>	<b><u>F42D 1 /-</u></b>	<b><u>G01S 7 /-</u></b>
2019201166	2015334557	2017202256	2015315557	2015234603	2015201655
<b><u>D05B 57 /-</u></b>	2017337283	<b><u>F03D 7 /-</u></b>	<b><u>F24D 11 /-</u></b>	2015234708	<b><u>G01V 1 /-</u></b>
2017308080	2017337283	2017307103	<b><u>F24F 1 /-</u></b>	<b><u>G01B 11 /-</u></b>	2016407579
<b><u>D05B 63 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F04B 1 /-</u></b>	2019200456	2015208092	2017233533
2017308080	2014404414	2018204390	<b><u>F24F 11 /-</u></b>	<b><u>G01C 21 /-</u></b>	2018204844
<b><u>D05B 73 /-</u></b>	2015374408	<b><u>F04B 49 /-</u></b>	<b><u>F24F 13 /-</u></b>	2016207742	<b><u>G02B 27 /-</u></b>
2017308080	2015397928	2017279582	2015306958	<b><u>G01D 21 /-</u></b>	2015210708
<b><u>D06F 57 /-</u></b>	2017232094	<b><u>F04C 18 /-</u></b>	2017220902	2017265092	<b><u>G02B 6 /-</u></b>
2019203494	2018202862	<b><u>F04C 28 /-</u></b>	2019200456	<b><u>G01K 13 /-</u></b>	2017331879
<b><u>E01B 25 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F04D 19 /-</u></b>	2019200456	2014370204	<b><u>G05B 23 /-</u></b>
2015286191	2014404414	2017329987	<b><u>F24F 3 /-</u></b>	<b><u>G01M 3 /-</u></b>	2015343479
<b><u>E02F 9 /-</u></b>	<b><u>E21B 47 /-</u></b>	2017329987	2019200456	2018205069	2018205069
2017311613	2018204844	<b><u>F04D 29 /-</u></b>	2019200650	<b><u>G01M 99 /-</u></b>	<b><u>G05D 1 /-</u></b>
<b><u>E03D 13 /-</u></b>	<b><u>E21C 41 /-</u></b>	2016200049	<b><u>F24F 6 /-</u></b>	2014370204	2017311613
2018206724	2018208634	2016412490	2019200456	<b><u>G01N 1 /-</u></b>	<b><u>G06F 11 /-</u></b>
<b><u>E04C 5 /-</u></b>	<b><u>F01D 1 /-</u></b>	2017215225	<b><u>F24F 7 /-</u></b>	2016211305	2014312200
2016279686	2017202256	<b><u>F16B 45 /-</u></b>	2019200650	2018202789	2014328493
<b><u>E04H 7 /-</u></b>	<b><u>F01D 17 /-</u></b>	2016344016	<b><u>F25B 23 /-</u></b>	<b><u>G01N 21 /-</u></b>	2016352206
2015201317	2017202256	<b><u>F16F 15 /-</u></b>	2015201249	2017271296	2017261529
<b><u>E05B 1 /-</u></b>	<b><u>F01D 9 /-</u></b>	<b><u>F16G 15 /-</u></b>	<b><u>F25B 31 /-</u></b>	<b><u>G01N 25 /-</u></b>	2017339379
2015203734	2017202256	2018202673	2015201249	2014370204	<b><u>G06F 12 /-</u></b>
	<b><u>F01K 13 /-</u></b>	<b><u>F16G 15 /-</u></b>	<b><u>F25B 49 /-</u></b>	<b><u>G01N 27 /-</u></b>	2017290252
	2015315557			2015245931	2017299655
					2018246109
					<b><u>G06F 15 /-</u></b>
					2016264100
					2017274321
					2018241159

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<b><u>G06F 16 /-</u></b>	2015230737	<b><u>H01R 13 /-</u></b>	<b><u>H04N 19 /-</u></b>	2018200795 2018239031
2014388153 2018202111	<b><u>G07B 15 /-</u></b>	2016401750	2016389089	<b><u>H04W 84 /-</u></b>
<b><u>G06F 17 /-</u></b>	2018200781	<b><u>H02J 3 /-</u></b>	<b><u>H04N 21 /-</u></b>	2017235275 2018358933
2016404495 2017271296	<b><u>G07D 1 /-</u></b>	2017314290	2016306052	
<b><u>G06F 21 /-</u></b>	2016200180	<b><u>H03K 19 /-</u></b>	<b><u>H04R 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
2015387270 2017404565 2018241159	<b><u>G07D 9 /-</u></b>	2017321215	2018204401	2016218341 2018358933
<b><u>G06F 3 /-</u></b>	2016200180	<b><u>H03K 3 /-</u></b>	<b><u>H04R 25 /-</u></b>	<b><u>H05B 3 /-</u></b>
2014225864 2014234955 2015241256 2015343479 2016401750 2018204401 2018246109	<b><u>G08B 21 /-</u></b>	2017225297 2017321215 2017343960	2016200210 2018203550	2018201483
	2016380695	<b><u>H03K 5 /-</u></b>	<b><u>H04R 3 /-</u></b>	<b><u>H05B 37 /-</u></b>
	<b><u>G08B 25 /-</u></b>	2017343960	2018204401 2018214059	2015266772
	2016380695	<b><u>H04B 1 /-</u></b>	<b><u>H04R 31 /-</u></b>	<b><u>H05B 41 /-</u></b>
	<b><u>G08G 1 /-</u></b>	2016216748	2018204401	2015266772
	2018201164	<b><u>H04B 10 /-</u></b>	<b><u>H04R 5 /-</u></b>	<b><u>H05K 1 /-</u></b>
<b><u>G06F 9 /-</u></b>	<b><u>G09B 21 /-</u></b>	2018203550	2015284004 2018204401	2016232834
2014404414 2015241256 2016264100 2017290252 2018241159	2016207742	<b><u>H04B 17 /-</u></b>	<b><u>H04S 3 /-</u></b>	<b><u>H05K 7 /-</u></b>
	<b><u>G09G 3 /-</u></b>	2016216748	2015284004	
	2017416078	<b><u>H04B 7 /-</u></b>	<b><u>H04S 7 /-</u></b>	
<b><u>G06G 7 /-</u></b>	<b><u>G10L 19 /-</u></b>	2016207288 2017255475 2018246779 2018250395	2018214059	
2014404414	2018200208 2018203449	<b><u>H04L 1 /-</u></b>	<b><u>H04W 12 /-</u></b>	
<b><u>G06K 9 /-</u></b>	<b><u>G10L 25 /-</u></b>	2018246779	<b><u>H04W 16 /-</u></b>	
2014242689 2017293746	2018200208	<b><u>H04L 12 /-</u></b>	2016220072	
<b><u>G06Q 10 /-</u></b>	<b><u>G11C 11 /-</u></b>	2015387270 2016264360 2016306052 2017274321	2016249039 2018250395	
2016211305 2016306052 2017274321 2018202111	2017321215 2019201148	<b><u>H04L 29 /-</u></b>	<b><u>H04W 28 /-</u></b>	
<b><u>G06Q 20 /-</u></b>	<b><u>G16B 30 /-</u></b>	2016264360 2016306052 2017274321	2016249039 2017206398 2017235275	
2018200781 2018246109	2014289407	<b><u>H04L 5 /-</u></b>	<b><u>H04W 36 /-</u></b>	
<b><u>G06Q 30 /-</u></b>	<b><u>H01B 7 /-</u></b>	2018246779	2017251784	
2017274321	2015390863	<b><u>H04L 9 /-</u></b>	<b><u>H04W 4 /-</u></b>	
<b><u>G06T 15 /-</u></b>	<b><u>H01L 31 /-</u></b>	2016220072 2017271296 2017274321	2016211547 2018358933	
2015210708 2017254839	2015236208	<b><u>H04M 3 /-</u></b>	<b><u>H04W 48 /-</u></b>	
<b><u>G06T 17 /-</u></b>	<b><u>H01L 39 /-</u></b>	2018246779	2017235275	
2015204838	2019201148	<b><u>H04L 9 /-</u></b>	<b><u>H04W 52 /-</u></b>	
<b><u>G06T 19 /-</u></b>	<b><u>H01M 10 /-</u></b>	2016220072 2017271296 2017274321	2018200795	
2015210708	2018204415	<b><u>H04M 3 /-</u></b>	<b><u>H04W 72 /-</u></b>	
<b><u>G06T 7 /-</u></b>	<b><u>H01M 8 /-</u></b>	2016211547	2016218341 2016249039 2017255475	
2014234955	2017345601			
	<b><u>H01P 1 /-</u></b>			
	2017273382			

**Certified Innovation Patents**

**Name Index**

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

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(71) Kerr Engineering (WA) Pty Ltd  
 (11) AU-B-2018100452  
 (21) 2018100452 (22) 09.04.2018  
 (54) DUMP TRUCK BODY, DUMP TRUCK  
 BODY COMPONENTS, DUMP TRUCK  
 BODY SUPPORT STRUCTURE  
 (51) Int. Cl.  
*B60P 1/06* ( 2006.01 )  
*B60P 1/04* ( 2006.01 )  
 (45) 02.01.2020  
 (62) 2017203089  
 (72) Kinsman, Mark; Cespedes, Alex  
 (74) Watermark Intellectual Property Pty Ltd

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(71) Securemesh Pty Ltd  
 (11) AU-B-2019101066  
 (21) 2019101066 (22) 16.09.2019  
 (54) SCREEN FRAME ASSEMBLY  
 (51) Int. Cl.  
*E06B 9/52* ( 2006.01 )  
 (31) 2019902026 (32) 11.06.19 (33) AU  
 (45) 02.01.2020  
 (72) Krstanoski, Mile  
 (74) Mann IP

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(71) T.K.O. Engineering Australia Pty Ltd  
 (11) AU-B-2018101375  
 (21) 2018101375 (22) 20.09.2018  
 (54) DEVICE FOR SAMPLING MATERIAL  
 FROM MOVING BELT CONVEYOR  
 (51) Int. Cl.  
*G01N 1/04* ( 2006.01 )  
 (45) 02.01.2020  
 (72) Roberts, Trevor George  
 (74) Stellar Law Pty Ltd

**Numerical Index**

**2018100452** Kerr Engineering (WA) Pty Ltd  
**2018101375** T.K.O. Engineering Australia Pty Ltd  
**2019101066** Securemesh Pty Ltd

**IPC Index**

**B60P 1 /-**

2018100452

**E06B 9 /-**

2019101066

**G01N 1 /-**

2018101375

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2019203460 **Mayerle, D.** ( Seed Terminator Holdings Pty Ltd )

**Patents Granted**

**Standard Patents**

2013329445	2013340444	2013368327	2013397474
2014231354	2014231652	2014256395	2014257326
2014265088	2014277658	2014305843	2014308795
2014320036	2014323428	2014324630	2014326756
2014347153	2014350095	2014351032	2014352834
2014360117	2014362255	2014363415	2014365665
2014366901	2014369152	2014373851	2014376416
2014380122	2014383904	2014385783	2014401981
2014406243	2015200449	2015200508	2015201319
2015201790	2015201852	2015202079	2015202375
2015202481	2015203216	2015204709	2015208233
2015211246	2015212330	2015223169	2015226364
2015228868	2015228870	2015228989	2015234690
2015237745	2015243437	2015243819	2015244275
2015246382	2015246650	2015247343	2015249510
2015251495	2015252052	2015252083	2015252346
2015253258	2015255038	2015257902	2015261457
2015263106	2015263827	2015265682	2015267239
2015268879	2015270230	2015270310	2015271946
2015272048	2015275082	2015275294	2015277783
2015281780	2015283062	2015286193	2015286222
2015287111	2015287425	2015287459	2015292713
2015296304	2015301231	2015301469	2015301818
2015302868	2015303846	2015305007	2015305696
2015307310	2015308923	2015309651	2015310483
2015311577	2015312003	2015312005	2015312396
2015313794	2015314884	2015315465	2015315522
2015316751	2015321820	2015324749	2015334590
2015334917	2015342737	2015342990	2015346413
2015348780	2015355209	2015360798	2015361023
2015363060	2015371760	2015373133	2015381503
2015398068	2015411780	2015415001	2015415604
2015417428	2015418467	2016200199	2016200203
2016200437	2016200883	2016200977	2016201697
2016204870	2016205680	2016210033	2016212656
2016215479	2016218932	2016219428	2016223568
2016229595	2016233336	2016238687	2016246513
2016250325	2016252084	2016256423	2016275310
2016275707	2016280027	2016280619	2016280719
2016281772	2016299232	2016303740	2016315019
2016316276	2016317051	2016320400	2016320692
2016320718	2016326378	2016328306	2016328871
2016336005	2016340014	2016341089	2016343499
2016346284	2016353265	2016353961	2016355978
2016358639	2016359511	2016361255	2016364855
2016370758	2016373923	2016373990	2016379389
2016383646	2016384531	2016385149	2016385301
2016397508	2016418349	2016423658	2016427804
2016428792	2016428856	2017202107	2017202180
2017203445	2017203568	2017203879	2017203919
2017204422	2017206006	2017208233	2017208247
2017209876	2017210004	2017213457	2017213463
2017213544	2017214388	2017214830	2017216247
2017218993	2017219113	2017219140	2017219614
2017222177	2017223264	2017227194	2017228658
2017228695	2017228699	2017228723	2017232064
2017233442	2017236402	2017239491	2017242646
2017245419	2017246552	2017246710	2017247626
2017248496	2017248536	2017248992	2017251775
2017252526	2017252703	2017253679	2017254323

**Patents Granted**

**Standard Patents**

2017254802	2017254891	2017254947	2017263002
2017265083	2017268604	2017271209	2017272245
2017272284	2017273661	2017274285	2017282197
2017283790	2017290524	2017294208	2017298995
2017305286	2017307221	2017311835	2017312770
2017317523	2017344006	2017348662	2017363221
2017387838	2018200060	2018200062	2018200144
2018200168	2018200241	2018200597	2018200762
2018200789	2018201398	2018201468	2018201623
2018202032	2018202170	2018202642	2018202913
2018202972	2018203070	2018203475	2018203630
2018203719	2018203735	2018203813	2018204011
2018204128	2018204167	2018204522	2018205153
2018205199	2018206753	2018206806	2018206856
2018208742	2018210399	2018214051	2018217314
2018222928	2018228853	2018229427	2018233036
2018236787	2018236796	2018241038	2018247195
2018250407	2018256535	2018256597	2018260976
2018271387	2018278957	2018279029	2018279033
2018279035	2018282277	2019200636	2019201451
2019201743	2019208149		

**Innovation Patents**

2015101976	2016102430	2016102431	2018102149
2019101219	2019101276	2019101324	2019101342
2019101376	2019101383	2019101386	2019101388
2019101389	2019101390	2019101391	2019101392
2019101393	2019101394	2019101396	2019101397
2019101398	2019101399	2019101401	2019101402
2019101403	2019101404	2019101405	2019101406
2019101407	2019101408	2019101409	2019101411
2019101412	2019101413	2019101414	2019101415
2019101416	2019101417	2019101418	2019101419
2019101420	2019101421	2019101422	2019101423
2019101424	2019101427	2019101428	2019101430
2019101431	2019101433	2019101434	2019101436
2019101440	2019101442	2019101443	2019101444
2019101445	2019101448		

**Offer to Surrender**

It is hereby notified that **Mitsubishi Electric Corporation 7-3, Marunouchi 2-chome , Chiyoda-ku Tokyo 1008310** , the Patentee of Patent 2015379346 dated 30.05.2019 for an invention titled ' Positioning apparatus and positioning method' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2000016170 Nestec Limited The patent has been assigned to **Société des Produits Nestlé S.A.**

2000034845 Nestec Limited The patent has been assigned to **Société des Produits Nestlé S.A.**

2002336257 GE Energy (USA), LLC The patent has been assigned to **AIR PRODUCTS AND CHEMICALS, INC.; GE Energy (USA), LLC**

2003216066 GE Energy (USA), LLC The patent has been assigned to **GE Energy (USA), LLC; AIR PRODUCTS AND CHEMICALS, INC.**

2003270173 Nestec Ltd The patent has been assigned to **Société des Produits Nestlé S.A.**

2005317945 Hydropath Holdings Limited The patent has been assigned to **Hydropath Technology Limited**

**Assignments Registered**

- 2006322342 PARI Pharma GmbH The patent has been assigned to **Breath Therapeutics GmbH**
- 2007263229 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2007263230 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2007283271 Hydropath Holdings Limited The patent has been assigned to **Hydropath Technology Limited**
- 2008255540 Fibrina Innovations Inc. The patent has been assigned to **Suzano Canada Inc.**
- 2008271500 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2008271502 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2008271503 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2009331813 Evonik Rohm GmbH The patent has been assigned to **Evonik Operations GmbH**
- 2009347513 ZTE Corporation The patent has been assigned to **Open Invention Network LLC**
- 2010233497 Hydropath Holdings Limited The patent has been assigned to **Hydropath Technology Limited**
- 2013296564 Hantash, Basil The patent has been assigned to **AgeX Therapeutics, Inc.**
- 2013373885 Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Zhe Jiang Jutai Pharmaceutical Co., Ltd The patent has been assigned to **Shanghai Institute of Materia Medica, Chinese Academy of Sciences**
- 2013381963 Vidacare LLC The patent has been assigned to **Teleflex Medical Devices S.à r.l.**
- 2014219246 Astrolink International LLC; Dominion Energy Technologies, Inc. The patent has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**
- 2014219247 Dominion Energy Technologies, Inc.; Astrolink International LLC The patent has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**
- 2014228206 Hydra Biosciences, Inc. The patent has been assigned to **Hydra Biosciences, LLC**
- 2014248849 SK Biopharmaceuticals Co., Ltd.; Aerial BioPharma, LLC The patent has been assigned to **Jazz Pharmaceuticals Ireland Limited; SK Biopharmaceuticals Co., Ltd.**
- 2014277951 Astrolink International LLC; Dominion Energy Technologies, Inc. The patent has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**
- 2014277983 Dominion Energy Technologies, Inc.; Astrolink International LLC The patent has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**
- 2017204794 Vidacare LLC The patent has been assigned to **Teleflex Medical Devices S.à r.l.**
- 2017279752 Dominion Energy Technologies, Inc.; Astrolink International LLC The patent has been assigned to **Dominion Energy Technologies, Inc.; Lockheed Martin Corporation**

**Assignments Registered**

- 2019100474 WONG, Shun Ming Daniel The patent has been assigned to **LUNG, Man**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2004210161 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods **CONSTELLA** linaclotide

2009235993 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods **CONSTELLA** linaclotide

2009282446 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods **CONSTELLA** linaclotide

2011218009 **Ironwood Pharmaceuticals, Inc**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods **CONSTELLA** linaclotide

**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.

2017268603 **MERCK PATENT GMBH**

The earliest first regulatory approval date provided by the patentee 03 Jun 2019

For the goods **BAVENCIO** avelumab

Address for service : Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**Extensions granted**

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

2001279905 **Pfizer Ireland Pharmaceuticals**

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

For the goods **ZAVICEFTA** ceftazidime

Extension of Term of patent pursuant to Section 77 expires on 24 Jul 2026

2003214335 **Pfizer Ireland Pharmaceuticals**

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

For the goods **ZAVICEFTA** ceftazidime

Extension of Term of patent pursuant to Section 77 expires on 27 Jan 2028

2010304974 **Pfizer Ireland Pharmaceuticals**

### Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

#### Extensions granted

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

For the goods ZAVICEFTA ceftazidime

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

### Corrigenda

In Vol 31 , No 36 , Page(s) 5309 under the heading **Amendments - Application for Amendments** Under the name THE LUBRIZOL CORPORATION, Patent Application No. 2010248022 correct the date of the statements filed to read 19 May 2017 and 07 July 2017

In Vol 33 , No 46 , Page(s) 6540 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name T2 Biosystems, Inc., Application No. 2018269892, under INID (72) correct the co-inventor to Lowery Jr., Thomas Jay

In Vol 33 , No 49 , Page(s) 6909 under the heading **Amendments - Application for Amendments** Under the name Sato Holdings Corporation, Application No. 2009257187 correct the date of the statements filed to read 20 Mar 2019; 17 Jun 2019 and 22 Aug 2019

In Vol 33 , No 49 , Page(s) 6909 under the heading **Amendments - Application for Amendments** Under the name Horizon Global Pty Ltd, Application No. 2016101944 correct the date of the statements filed to read 16 May 2018 and 29 May 2019

In Vol 33 , No 49 , Page(s) 6943 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Arcutis, Inc., Application No. 2018282098, under INID (72) correct the co-inventor to Osborne, David W.

In Vol 33 , No 49 , Page(s) 6971 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Monash University, Application No. 2018286475, Under INID (72) add co-inventor Bui, Catherine Thoa

In Vol 33 , No 49 , Page(s) 7036 under the heading **Applications Accepted - Name Index** Delete all reference to 2018255742.

### Specifications Republished

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

2015255003	<b>MBDA UK Limited</b>
2015414953	<b>EIZO Corporation</b>
2016233641	<b>United States Gypsum Company</b>
2016336583	<b>LG Electronics Inc.</b>
2018241183	<b>Facebook, Inc.</b>