



**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) 05 December 2019**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Aqualine AS v Huon Aquaculture Group Limited [2019] APO 51***

Patent Application: 2014201866

Title: A Fish Stock Protection System

Patent Applicant: Huon Aquaculture Group Limited

Opponent: Aqualine AS

Delegate: M. G. Kraefft

Decision Date: 21 November 2019

Hearing Date: 18 September 2019, in Melbourne

Catchwords: **PATENTS** – section 59 – opposition to grant of patent – predator net assembly above and below the waterline and about fish stock containment net – whether claims are novel – prior use considered – whether there is inventive step – certain claims found to lack inventive step – opportunity to amend specification allowed.

Representation: Patent attorney for the applicant: Mr Adrian Crooks, Phillips Ormonde Fitzpatrick

Patent attorney for the opponent: Collison & Co.Anr

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 19 Nov 2019 .

<p>(71) Abercorn Kaolin Pty Ltd (21) 2019904388 (22) 20.11.2019 (54) Production of aluminium compounds from clay</p>	<p><b>Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa see Deakin University</b> (21) 2019904421</p>	<p>tact with the bar end. It also provides protection from incidental contact to the sharp bar. The flat crimp can be wrapped over a dummy bar and tied with tie wire to support starter bars. It is provided in bright colours coded to the reo bar size it fits.</p>
<p>(71) African Aussie Pty Ltd (21) 2019904401 (22) 21.11.2019 (54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING TRANSACTIONS BETWEEN USERS</p>	<p>(71) Beacon Lighting International Limited (21) 2019904429 (22) 22.11.2019 (54) Airflow device</p>	<p><b>Bow &amp; Arbour Pty Ltd see Blevin, S.</b> (21) 2019904435</p>
<p>(71) Agersens Pty Ltd (21) 2019904412 (22) 22.11.2019 (54) Wearable electronic collar for animals</p>	<p>(71) BIA5 Developments Pty Ltd (21) 2019904379 (22) 20.11.2019 (54) TRACKED VEHICLE SUSPENSION SYSTEM</p>	<p>(71) Bretherton, H. (21) 2019904325 (22) 18.11.2019 (54) Method of Personal Emergency Alarm Hidden in a Remote Actuator with Bluetooth Connectivity to a Mobile Phone Application.</p>
<p>(71) Allegion (Australia) Pty Ltd (21) 2019904357 (22) 19.11.2019 (54) Single beak sliding door mechanism</p>	<p>(71) Bio-Sens Tech Pty Ltd (21) 2019904418 (22) 22.11.2019 (54) A DEVICE FOR STAGING A TEST STRIP AND MANUFACTURE THERE-OF</p>	<p>(71) Breville Pty Limited (21) 2019904333 (22) 18.11.2019 (54) A tamping assembly</p>
<p>(71) Allegion (Australia) Pty Ltd (21) 2019904358 (22) 19.11.2019 (54) Strike plate</p>	<p>(71) Blain, A. (21) 2019904411 (22) 22.11.2019 (54) Arm bolsters, cushions supporting arms during massage treatments</p>	<p>(71) Brian Investments Pty Ltd (21) 2019904390 (22) 20.11.2019 (54) NUTLESS BOLT</p>
<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019904353 (22) 19.11.2019 (54) GAMING DEVICE WITH DYNAMICALLY CHANGING REEL STRIPS</p>	<p><b>Blevin, J. see Blevin, S.</b> (21) 2019904435</p>	<p>(71) Building IP Holdings Pty Ltd (21) 2019904344 (22) 19.11.2019 (54) STRUCTURAL FLOORING SYSTEM INCLUDING FOUNDATION, BEARER AND JOIST CONNECTORS</p>
<p>(71) Arrow Plastics Pty Ltd (21) 2019904351 (22) 19.11.2019 (54) Container</p>	<p>(71) Blevin, S.; Blevin, J.; Bow &amp; Arbour Pty Ltd (21) 2019904435 (22) 23.11.2019 (54) Wedding Zines®</p>	<p>(71) Callidus Process Solutions Pty Ltd (21) 2019904402 (22) 21.11.2019 (54) BI-LAYER PROTECTIVE COATINGS FOR METAL COMPONENTS</p>
<p>(71) Asbestos Reports Australia Pty Limited (21) 2019904339 (22) 18.11.2019 (54) TECHNOLOGY CONFIGURED TO PROVIDE ENABLE VERIFICATION OF A MOBILE DEVICE ASSISTED AUDIT PROCESS</p>	<p>(71) Boulton, M. (21) 2019904324 (22) 18.11.2019 (54) The BarSoc or Reo Whisker is a device to covering the cut end of reinforcing bar. It is a short (10-15cm) section of tube/hose with one end plugged or crimped sealed flat. It fits snugly (friction fits) onto the size of reinforcing bar and projects to provide a "whisker" to warn a person prior to coming into con-</p>	<p>(71) Chapman Technology Pty Ltd (21) 2019904335 (22) 18.11.2019 (54) Vehicle instrument system and improved communication pathway</p>

Provisional Applications Filed - Name Index cont'd

(71) CHARLTON, T.  
(21) 2019904381 (22) 20.11.2019  
(54) Plant Pot Insert

(71) Chowz Pty Ltd  
(21) 2019904336 (22) 18.11.2019  
(54) Improved Wicket Components for Cricket

(71) CK Industrial Design Pty Ltd  
(21) 2019904428 (22) 22.11.2019  
(54) Tapware

(71) Cleggett, R.  
(21) 2019904420 (22) 22.11.2019  
(54) Apparatus for protecting a structure from fire or for extinguishing a structure on fire

(71) Clune, W.  
(21) 2019904347 (22) 19.11.2019  
(54) A New method of fighting forest fires

(71) Coglitore, C.  
(21) 2019904345 (22) 19.11.2019  
(54) liv aid blockchain

**Coleman, W. see Vowles, R.**  
(21) 2019904409

(71) Conv Australia Holding Pty Ltd  
(21) 2019904330 (22) 18.11.2019  
(54) CONVEYOR BELT DE-TENSIONING

(71) CSL Behring AG  
(21) 2019904386 (22) 20.11.2019  
(54) Novel process

(71) Deakin University  
(21) 2019904419 (22) 22.11.2019  
(54) Organic Corrosion Inhibitors

(71) Deakin University; UNIVERSITY OF THE BASQUE COUNTRY; Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa  
(21) 2019904421 (22) 22.11.2019  
(54) Polyionic Corrosion Inhibitors

(71) de Jonge, A.  
(21) 2019904355 (22) 19.11.2019  
(54) Apparatus for Receiving and Storing Delivered Articles

(71) Dockal, Z.  
(21) 2019904332 (22) 18.11.2019  
(54) Propellers in enclosed spaces.

(71) DOG FRIENDLY SPOTS PTY LTD  
(21) 2019904337 (22) 18.11.2019  
(54) Data base driven mobile and web application to present a user with a selection of places that are dog friendly

(71) Drop Truck Pty Ltd  
(21) 2019904395 (22) 21.11.2019  
(54) LOWERING CHASSIS ATTACHMENT FOR FRONT WHEEL DRIVE TRUCK

(71) EL-SHEIK, R.  
(21) 2019904441 (22) 20.11.2019  
(54) HOT AND COLD COMPRESSION BANDAGE

(71) Eureka! AgResearch Pty Ltd  
(21) 2019904382 (22) 20.11.2019  
(54) AQUEOUS HERBICIDAL COMPOSITION

(71) Ferronova Pty Ltd  
(21) 2019904407 (22) 21.11.2019  
(54) MAGNETIC TRACER COMPOSITIONS

**Fleishman, N. see Karlik, M.**  
(21) 2019904387

(71) Gardner, A.  
(21) 2019904343 (22) 19.11.2019  
(54) Two-piece cup.

(71) Gardner, C.  
(21) 2019904427 (22) 22.11.2019  
(54) Animal training device

(71) GERMAN, G.  
(21) 2019904389 (22) 20.11.2019  
(54) HONEY HARVESTING ARRANGEMENT, BEEHIVE AND METHOD THEREFOR

(71) Gicesku, P.  
(21) 2019904430 (22) 22.11.2019  
(54) Tapping valve apparatus

(71) Global Kinetics Pty Ltd  
(21) 2019904391 (22) 20.11.2019  
(54) SYSTEMS AND METHODS FOR EVALUATING MOVEMENT CAPACITY OF A PERSON

(71) Globaltech Corporation Pty Ltd  
(21) 2019904352 (22) 19.11.2019  
(54) SYSTEMS AND METHODS OF DRILL ROD ALIGNMENT, DRILL ROD THREAD ALIGNMENT AND DRILL ROD THREAD RECOGNITION

(71) GRIFFITH UNIVERSITY  
(21) 2019904410 (22) 21.11.2019  
(54) IMMUNOSTIMULATORY COMPOSITIONS AND USE THEREOF

(71) Grigorian, A.  
(21) 2019904349 (22) 19.11.2019  
(54) METHOD FOR DELIVERING CUSTOM ARCHITECTURAL MODELS TO REMOTE VIRTUAL REALITY DEVICES

**Hampel, I. see Packer, J.**  
(21) 2019904385

(71) Harman, P.  
(21) 2019904376 (22) 20.11.2019  
(54) The invention enables a single power monitor to determine the power being drawn from the AC mains supply by each device individually when there are multiple devices connected to the mains and each drawing power.

**Hughes, D. see Mastio, E.**  
(21) 2019904433

(71) Ian S Middleton Pty Ltd  
(21) 2019904394 (22) 20.11.2019  
(54) An Actively Deflectable Urinary Catheter

(71) Ian S Middleton Pty Ltd  
(21) 2019904436 (22) 24.11.2019  
(54) A new catheter and method of catheterising the male urethra. Please note that I submitted the provisional patent application on line at 11.55 pm on 20/11/19. IP right no. 2019904394. Batch no. 0002068592. During submission I attached the wrong PDF which contains 13 of the 14 diagrams but not the description. I am submitting this new application solely to provide the correct PDF which should have been attached to the original application. I attempted to contact IPA by phone but have received no reply. The attached PDF has a similar name to the previously submitted PDF.

(71) Infinite Water Technologies Pty Ltd  
(21) 2019904327 (22) 18.11.2019  
(54) PROCESS AND APPARATUS FOR TREATING WATER

(71) Integrated Access Designs (Australia) Pty Ltd  
(21) 2019904350 (22) 19.11.2019  
(54) LOCK ASSEMBLY SYSTEM

Provisional Applications Filed - Name Index cont'd

(71) International Graphite Pty Ltd  
(21) 2019904406 (22) 21.11.2019  
(54) PROCESS AND APPARATUS FOR PRODUCING HIGH PURITY GRAPHITE

(71) Jebbink, D.; Morris, D.  
(21) 2019904426 (22) 22.11.2019  
(54) A floatation device

(71) JETAKA PTY LTD  
(21) 2019904437 (22) 24.11.2019  
(54) Speed sign cover

(71) JORGENSON-WATTS IP PTY LTD  
(21) 2019904384 (22) 20.11.2019  
(54) Wings

(71) Karlik, M.; Kovbass, A.; Fleishman, N.  
(21) 2019904387 (22) 20.11.2019  
(54) Sunshade for Vehicle

(71) Keys, K.  
(21) 2019904432 (22) 22.11.2019  
(54) A PARALLEL FLOW IMPELLER

(71) Kilic Inventions Pty Ltd  
(21) 2019904354 (22) 19.11.2019  
(54) MODULAR AND PORTABLE STORAGE SYSTEM

(71) Kinetic Engineering Services Pty Ltd  
(21) 2019904399 (22) 21.11.2019  
(54) A Post Retaining Apparatus, System and Method

(71) KLEIJN, W.; O'CONNOR, M.  
(21) 2019904365 (22) 20.11.2019  
(54) METHOD OF PERFORMING A DISTRIBUTED TASK OVER A NETWORK

**Kovbass, A. see Karlik, M.**  
(21) 2019904387

(71) Li, S.  
(21) 2019904342 (22) 18.11.2019  
(54) Principles and workflow of next-generation sequencing (NGS) accelerated antibody discovery

(71) LOWREY, I.  
(21) 2019904366 (22) 20.11.2019  
(54) Building Construction

(71) Lumcas Pty Ltd  
(21) 2019904329 (22) 18.11.2019  
(54) Cap Light

(71) Mackenzie, A.  
(21) 2019904326 (22) 18.11.2019  
(54) The current invention provides a packaging combination that is suitability for a myriad of product types, sizes and applications utilising recycled materials that are currently not being utilised, while maintaining a premium pack strength and appearance.

(71) Marks, S.  
(21) 2019904360 (22) 19.11.2019  
(54) Support

(71) Mastio, E.; Hughes, D.; Milne, D.; Ricciardiello, T.  
(21) 2019904433 (22) 22.11.2019  
(54) A Document Searching System

(71) McHale, H.  
(21) 2019904356 (22) 19.11.2019  
(54) A RAINHEAD FOR PREVENTING PASSAGE OF LEAVES AND LIKE DEBRIS

(71) MicroTau IP Pty Ltd  
(21) 2019904377 (22) 20.11.2019  
(54) Systems and methods for fabricating microstructures

**Milne, D. see Mastio, E.**  
(21) 2019904433

(71) MINETOMETAL PTY LTD  
(21) 2019904340 (22) 18.11.2019  
(54) Novel Zinc Oxide Production Process

(71) MINETOMETAL PTY LTD  
(21) 2019904341 (22) 18.11.2019  
(54) PRODUCING ZINC OXIDE FROM ZINC SULPHIDE

(71) MINETOMETAL PTY LTD  
(21) 2019904416 (22) 22.11.2019  
(54) PRODUCING HIGH VALUE ZINC CHEMICALS

(71) MixedIn Pty Ltd  
(21) 2019904422 (22) 22.11.2019  
(54) Bottle closure system

(71) MixedIn Pty Ltd  
(21) 2019904423 (22) 22.11.2019  
(54) Bottle system

(71) Monash University  
(21) 2019904404 (22) 21.11.2019  
(54) Conductive nanofibers

(71) Mora, E.  
(21) 2019904364 (22) 20.11.2019  
(54) Bib/Bandana design

(71) Moroz Technologies Pty Ltd  
(21) 2019904415 (22) 22.11.2019  
(54) IMPLANT DEVICE, SYSTEM AND METHOD FOR TREATING CANCER

**Morris, D. see Jebbink, D.**  
(21) 2019904426

(71) Nekkalapudi, N.  
(21) 2019904408 (22) 21.11.2019  
(54) Virtual Bill Payments: The motive of this innovative software tool is to reduce the gap between biller and consumer for high money reconciliation, value, flexibility, and to minimize time consumption. This innovative software tool works under an Info-ID(email/phone) to process/send/store/pay the bills for individual and commercial purposes at a single environment using SaaS. Both the biller tool and the customer application are integrated in real-time to share the critical data in the invoices by highlighting along with the invoice and payment option tagged to it using Info-ID.

(71) NewSouth Innovations Pty Ltd  
(21) 2019904425 (22) 22.11.2019  
(54) An electronic device

(71) NIDUS DESIGN PTY LTD  
(21) 2019904393 (22) 20.11.2019  
(54) TrackMatts are double sided themed puzzle pieces. The pieces connect together with opposing dovetail and dovetail-socket feature that restricts the printed side theme to be the same side. The printed side themes are specific to different mode of play and it is preferred that all piece are facing the same way. Additional pieces and features increase the challenge level required to complete the puzzle.

(71) O'Keeffe, G.  
(21) 2019904338 (22) 18.11.2019  
(54) "Five Tries" is a game of chance where to be a winner the entrant must select the scorers of 5 tries in a game of Rugby (league or union)

**O'CONNOR, M. see KLEIJN, W.**  
(21) 2019904365

(71) Packer, J.; Hampel, I.  
(21) 2019904385 (22) 20.11.2019  
(54) CABLE REEL

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(71) Patel, B.  
(21) 2019904359 (22) 19.11.2019  
(54) An insulated metal hook

(71) Peritar Pty Limited  
(21) 2019904375 (22) 20.11.2019  
(54) Solar Concentration System

(71) Phillip, A.  
(21) 2019904400 (22) 21.11.2019  
(54) Systems and methods for providing a framework for optimal textual exploration of computer validated hand-written bounding boxes in conjunction with Bayesian likelihood mixing samplers

(71) ResMed Pty Ltd  
(21) 2019904413 (22) 22.11.2019  
(54) APPARATUS AND METHOD FOR DETECTING USER INTERACTION WITH A RESPIRATORY THERAPY DEVICE

(71) Resonance Health Analysis Services Pty Ltd  
(21) 2019904362 (22) 19.11.2019  
(54) Iron status biomarkers

(71) Respiration Pharmaceuticals Pty Ltd  
(21) 2019904434 (22) 22.11.2019  
(54) Method for Reducing Lung Infection

**Ricciardiello, T. see Mastio, E.**  
(21) 2019904433

(71) Rio Tinto Alcan International Limited  
(21) 2019904448 (22) 25.11.2019  
(54) A METHOD AND APPARATUS OF PURIFYING A BAYER PROCESS STREAM

(71) SCF Group Pty Ltd  
(21) 2019904348 (22) 19.11.2019  
(54) TANK AIRLINE STATUS INDICATOR SYSTEM

(71) Select Water Tanks Pty Ltd  
(21) 2019904405 (22) 21.11.2019  
(54) Rainwater Tank Cover Assembly

(71) SISCO TECHNOLOGY PTY LTD  
(21) 2019904363 (22) 19.11.2019  
(54) WATERWATCH – AN IOT BASED SYSTEM AND APPARATUS FOR MONITORING AND CONTROLLING WATER QUALITY AND FLOW FIELD OF THE INVENTION

(71) Slim Circuits Pty Ltd  
(21) 2019904417 (22) 22.11.2019  
(54) ELECTRONICS CIRCUIT BOARD DESIGN TOOL

(71) Spa Electrics Pty Ltd  
(21) 2019904346 (22) 19.11.2019  
(54) SYSTEM AND METHOD FOR CONTROLLING ELECTRICAL DEVICES

(71) Talkiwear Pty Ltd  
(21) 2019904378 (22) 20.11.2019  
(54) Systems and methods for facilitating learning through interaction with objects in an environment

(71) Theodoma Limited  
(21) 2019904396 (22) 21.11.2019  
(54) Soil based heat collector, power generator and heat pump.

(71) The Probiotic Co Pty Ltd  
(21) 2019904392 (22) 20.11.2019  
(54) Probiotic Blend

(71) The Track Shop Pty Ltd  
(21) 2019904380 (22) 20.11.2019  
(54) GRADER BLADE

(71) The University of Sydney  
(21) 2019904331 (22) 18.11.2019  
(54) Collagen gel formulations

(71) The University of Sydney  
(21) 2019904424 (22) 22.11.2019  
(54) BONE FORMATION

(71) Tufting Technology Pty Ltd  
(21) 2019904414 (22) 22.11.2019  
(54) Tufting system

(71) University of South Australia  
(21) 2019904383 (22) 20.11.2019  
(54) ORGANOID CULTURE PLATFORM

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(21) 2019904421

(71) Varden Process Pty Ltd  
(21) 2019904361 (22) 19.11.2019  
(54) A Tool for use in a Thermoforming Process

(71) Vowles, R.; Coleman, W.  
(21) 2019904409 (22) 21.11.2019  
(54) Image Storage and Retrieval System

(71) WALKER, I.  
(21) 2019904431 (22) 22.11.2019  
(54) Portable fire bunker

(71) WARDA, S.  
(21) 2019904328 (22) 18.11.2019  
(54) BUILDING HEAT TRANSFER SYSTEM

(71) Watts & Fisher PTY LTD  
(21) 2019904403 (22) 21.11.2019  
(54) Dissolution Process

(71) Zing International Pty Ltd  
(21) 2019904334 (22) 18.11.2019  
(54) Improved Wicket Components for Cricket

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2019904324	Boulton, M.	2019904402	Callidus Process Solutions Pty Ltd
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2019904387	Karliik, M.; Kovbass, A.; Fleishman, N.		
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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Nov 2019 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) Abernathy, G. (21) 2019268078 (22) 19.11.2019 (54) The added parts convert a standard extension ladder into a materials lifter (31) 2019904253 (32) 12.11.19 (33) AU</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019268056 (22) 18.11.2019 (54) ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED INCIDENT MANAGEMENT (31) 16/232,881 (32) 26.12.18 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019268092 (22) 19.11.2019 (54) PROTOTYPING VOICE USER INTERFACES FOR LANGUAGES WITH NON-PHONETIC ALPHABETS (31) 16/420,829 (32) 23.05.19 (33) US 62/794,466 18.01.19 US</p> <hr/> <p>(71) AFT Pharmaceuticals Limited (21) 2019268077 (22) 19.11.2019 (54) Pharmaceutical Composition Containing Acetaminophen (31) 16287,836 (32) 27.02.19 (33) US</p> <hr/> <p>(71) Akzo Nobel Coatings International B.V. (21) 2019268110 (22) 20.11.2019 (54) Process for matching paint (62) 2014224780</p> <hr/> <p>(71) Almirall, S.A. (21) 2019268075 (22) 19.11.2019 (54) Pharmaceutical compositions comprising dimethyl fumarate (62) 2014363792</p> <hr/> <p>(71) Anthrogenesis Corporation (21) 2019268061 (22) 19.11.2019 (54) PLACENTAL STEM CELL POPULATIONS (62) 2017248523</p> <hr/> <p>(71) Apellis Pharmaceuticals, Inc. (21) 2019268066 (22) 19.11.2019 (54) Methods of treating chronic disorders with complement inhibitors (62) 2017235936</p> <hr/>	<p>(71) Apple Inc. (21) 2019268070 (22) 19.11.2019 (54) Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs (62) 2018202712</p> <hr/> <p>(71) Apple Inc. (21) 2019268111 (22) 20.11.2019 (54) Methods and interfaces for home media control (62) 2018236870</p> <hr/> <p>(71) Apple Inc. (21) 2019268116 (22) 20.11.2019 (54) Device, method, and graphical user interface for providing tactile feedback for operations performed in a user interface (62) 2018256626</p> <hr/> <p>(71) Apple Inc. (21) 2019268124 (22) 20.11.2019 (54) Sensor assemblies for electronic devices (62) 2017321121</p> <hr/> <p>(71) ARC MEDICAL DEVICES, INC. (21) 2019268096 (22) 20.11.2019 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING MODIFIED FUCANS FOR USE IN THE TREATMENT OF FIBROUS ADHESIONS AND OTHER DISORDERS (62) 2018203461</p> <hr/> <p><b>argenx SE see Universite Catholique de Louvain</b> (21) 2019268046</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268082 (22) 19.11.2019 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2018201845</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268090 (22) 19.11.2019 (54) A GAMING SYSTEM (62) 2018203549</p> <hr/>	<hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268125 (22) 20.11.2019 (54) METHOD AND SYSTEM FOR PROVIDING A FEATURE GAME (62) 2017228566</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268132 (22) 20.11.2019 (54) GAMBLE GAME FOR GAMING MACHINE (62) 2017228571</p> <hr/> <p>(71) Auspex Pharmaceuticals, Inc. (21) 2019268062 (22) 19.11.2019 (54) Benzoquinolone inhibitors of VMAT2 (62) 2018203477</p> <hr/> <p>(71) AvenTOM Limited (21) 2019264686 (22) 18.11.2019 (54) A RETAINER FOR RETAINING A HANDLE END OF A BRUSH (62) 2018204621</p> <hr/> <p>(71) AVENTOM LIMITED (21) 2019264689 (22) 18.11.2019 (54) APPARATUS FOR RETAINING LIQUID AND METHOD FOR BRUSH CLEANING (62) 2018204613</p> <hr/> <p>(71) Battelle Memorial Institute (21) 2019268039 (22) 18.11.2019 (54) Shared Aperture Antenna Array (62) 2018202198</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2019268105 (22) 20.11.2019 (54) Needle capture safety interlock for catheter (62) 2015247343</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2019268130 (22) 20.11.2019 (54) Soft push tabs for catheter adapter (62) 2016344420</p> <hr/> <p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2019268117 (22) 20.11.2019</p>
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(54) Systems and methods for determining information related to a current order based on historical orders  
(62) 2016309857

(71) Beijing Unistrong Science & Technology Co., Ltd.  
(21) 2019268055 (22) 18.11.2019  
(54) System and method for terrestrial vehicle navigation  
(62) 2015416718

(71) Biogen MA Inc.  
(21) 2019268063 (22) 19.11.2019  
(54) COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION  
(62) 2015240761

(71) Bombardier Transportation GmbH  
(21) 2019268114 (22) 20.11.2019  
(54) RUNNING GEAR WITH A SINGLE PAIR OF INDEPENDENT LEFT AND RIGHT WHEELS AND LATERAL STOP MEANS, AND ASSOCIATED LOW FLOOR RAIL VEHICLE  
(31) 1819025.6 (32) 22.11.18 (33) GB

(71) Bosal ACPS Holding 2 B.V.  
(21) 2019268120 (22) 20.11.2019  
(54) Trailer coupling device for motor vehicles  
(62) 2015249123

(71) Boston Scientific Scimed, Inc.  
(21) 2019268044 (22) 18.11.2019  
(54) Inflatable penile prosthesis with reversible flow pump assembly  
(62) 2017237993

(71) brtechnology co.,ltd  
(21) 2019268065 (22) 19.11.2019  
(54) SYSTEM FOR TREATING POLLUTANT  
(31) 10-2019-0103545 (32) 23.08.19 (33) KR

(71) Canon Kabushiki Kaisha  
(21) 2019268126 (22) 20.11.2019  
(54) Rotational force transmitting part  
(62) 2017235941

(71) Carlsberg A/S  
(21) 2019268102 (22) 20.11.2019  
(54) Method to screen for a mutant within a population of organisms by applying a pooling and splitting approach  
(62) 2017288960

(71) Carlsberg A/S  
(21) 2019268103 (22) 20.11.2019

(54) Method to screen for a mutant within a population of organisms by applying a pooling and splitting approach  
(62) 2017288960

(71) CFPH, LLC  
(21) 2019268094 (22) 20.11.2019  
(54) SYSTEM FOR PROVIDING BETS REGARDING INTERMEDIATE POINTS IN A RACE EVENT USING FRACTIONAL TIMING  
(62) 2017248475

(71) CFPH, LLC  
(21) 2019268112 (22) 20.11.2019  
(54) MULTI-PROCESS COMMUNICATION REGARDING GAMING INFORMATION  
(62) 2017258830

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(21) 2019268123

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(71) Coombes, R.  
(21) 2019265224 (22) 18.11.2019  
(54) ADJUSTABLE CLAMPING SYSTEM FOR A SEWING MACHINE  
(62) 2015372429

(71) CoreLogic Solutions, LLC  
(21) 2019268100 (22) 20.11.2019  
(54) BUILDING FOOTPRINT EXTRACTION APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT  
(62) 2017200584

(71) Dexcom, Inc.  
(21) 2019268101 (22) 20.11.2019  
(54) Adaptive interface for continuous monitoring devices  
(62) 2018203154

(71) Dynamics Inc.  
(21) 2019268113 (22) 20.11.2019  
(54) Cards, devices, systems and methods for advanced payment functionality selection  
(62) 2017219095

(71) FemPulse, LLC; HAESSLER, A.  
(21) 2019268042 (22) 18.11.2019  
(54) DEVICES AND METHODS FOR STIMULATING NERVES  
(62) 2018200589

(71) Figene, LLC  
(21) 2019268095 (22) 20.11.2019

(54) Gene therapy for the regeneration of chondrocytes or cartilage type cells  
(62) 2014317861

(71) Fisher & Paykel Healthcare Limited  
(21) 2019268108 (22) 20.11.2019  
(54) CONDUIT CONNECTOR FOR A PATIENT BREATHING DEVICE  
(62) 2017202180

(71) Fishman, A.; OpenTV, Inc.; Chai, C.  
(21) 2019268123 (22) 20.11.2019  
(54) Systems and methods for enabling selection of available content including multiple navigation techniques  
(62) 2015303981

(71) FlipTix, Inc.  
(21) 2019268122 (22) 20.11.2019  
(54) SYSTEM AND METHOD FOR PROVIDING A TERTIARY MARKET FOR USED TICKETS  
(62) 2017268618

(71) FUJIFILM Medical Systems USA Inc.  
(21) 2019268083 (22) 19.11.2019  
(54) Configuring and displaying a user interface with healthcare studies  
(31) 16/198,421 (32) 21.11.18 (33) US

(71) FWP IPA APS  
(21) 2019268049 (22) 18.11.2019  
(54) Pharmaceutical composition containing dimethyl fumarate for administration at a low daily dose  
(62) 2014314230

(71) FWP IP APS  
(21) 2019268052 (22) 18.11.2019  
(54) Pharmaceutical composition containing dimethyl fumarate for administration at a low daily dose  
(62) 2014314231

(71) Genomic Health, Inc.  
(21) 2019268079 (22) 19.11.2019  
(54) Method to use gene expression to determine likelihood of clinical outcome of renal cancer  
(62) 2017216545

(71) GN Hearing A/S  
(21) 2019268093 (22) 20.11.2019  
(54) Communication device with position-dependent spatial source generation, communication system, and related method  
(31) 18211940.4 (32) 12.12.18 (33) EP

(71) Goodall, S.  
(21) 2019268057 (22) 18.11.2019  
(54) A MOUNTING ARRANGEMENT

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<p>(71) Gould Instruments Pty Ltd (21) 2019268064 (22) 19.11.2019 (54) A Fire Hydrant Testing Device (31) 2018904418 (32) 19.11.18 (33) AU</p>	<p>(71) Huawei Technologies Co., Ltd. (21) 2019268131 (22) 20.11.2019 (54) Speech recognition method, speech wakeup apparatus, speech recognition apparatus, and terminal (62) 2015390534</p>	<p>(71) Manna, F. (21) 2019264682 (22) 16.11.2019 (54) Phone App that stops you from receiving and sending texts in a vehicle after a certain speed.</p>
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<p>(71) Herlev Hospital; Immudex ApS (21) 2019264685 (22) 18.11.2019 (54) Determining antigen recognition through barcoding of MHC multimers (62) 2015271324</p>	<p>(71) Johnson, P. (21) 2019268060 (22) 19.11.2019 (54) Novel food product and method of use (62) 2015307328</p>	<p>(71) Nicoventures Holdings Limited (21) 2019268192 (22) 22.11.2019 (54) Electronic aerosol provision systems and methods (62) 2016329886</p>
<p>(71) Hollister Incorporated (21) 2019268097 (22) 20.11.2019 (54) Urinary catheter deployment cassettes (62) 2018205078</p>	<p>(71) KCI Licensing, Inc. (21) 2019268080 (22) 19.11.2019 (54) Reduced-pressure treatment systems with reservoir control (62) 2017201678</p>	<p><b>OpenTV, Inc. see Fishman, A.</b> (21) 2019268123</p>
<p>(71) HOLY STONE BIOTECH CO., LTD. (21) 2019268085 (22) 19.11.2019 (54) COMPOUND OF GLYCOSAMINOGLYCAN, PREPARATION METHOD AND USE THEREOF (62) 2014314536</p>	<p>(71) Koekstone IP Pty Ltd (21) 2019268115 (22) 20.11.2019 (54) A swivelling joint (62) 2014361747</p>	<p>(71) Ottomotto LLC (21) 2019268121 (22) 20.11.2019 (54) LiDAR scanner calibration (62) 2014352833</p>
<p>(71) HOLY STONE BIOTECH CO., LTD. (21) 2019268087 (22) 19.11.2019 (54) COMPOUND OF GLYCOSAMINOGLYCAN, PREPARATION METHOD AND USE THEREOF (62) 2014314536</p>	<p>(71) Kverneland Group Nieuw-Vennep B.V. (21) 2019268186 (22) 22.11.2019 (54) Assembly for a dosing system of a spreader machine for distributing a granular material or the like, dosing system and spreader machine (31) EP 19 150 951.2 (32) 09.01.19 (33) EP</p>	<p>(71) Pangang Group Panzhihua Iron &amp; Steel Research Institute Co., Ltd. (21) 2019268045 (22) 18.11.2019 (54) A BAINITIC RAIL WELDED JOINT AND POST-WELDING HEAT TREATMENT METHOD TO CONTROL "WHITE BLOCK" STRUCTURE THEREOF (31) 201811382920.9 (32) 20.11.18 (33) CN</p>
<p>(71) Honey Bee Manufacturing Ltd. (21) 2019264688 (22) 18.11.2019 (54) Pickup reel for a crop harvesting header (31) 16/196,371 (32) 20.11.18 (33) US</p>	<p><b>Ludwig Institute for Cancer Research Ltd. see Universite Catholique de Louvain</b> (21) 2019268046</p>	<p>(71) Peter A Martin Constructions Pty Ltd (21) 2019268051 (22) 18.11.2019 (54) VEHICLE FITTING</p>
<p>(71) Huawei Technologies Co., Ltd. (21) 2019268091 (22) 19.11.2019 (54) Method for displaying multiple application windows by mobile terminal, and mobile terminal (62) 2015418657</p>	<p>(71) Mallett, D. (21) 2019264684 (22) 18.11.2019 (54) The Dress Zipper Upper</p>	<p>(71) PGS Geophysical AS (21) 2019268119 (22) 20.11.2019 (54) Automated lateral control of seismic streamers (62) 2018201698</p>
<p>(71) Maltman, W. (21) 2019268040 (22) 18.11.2019 (54) Collapsible Work Station (31) 2019902849 (32) 09.08.19 (33) AU</p>	<p>(71) President and Fellows of Harvard College (21) 2019268118 (22) 20.11.2019</p>	<p>(71) President and Fellows of Harvard College (21) 2019268118 (22) 20.11.2019</p>

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(54) PNEUMATIC SENSING ACTUATOR  
(62) 2017268672

(71) Renaissance Learning, Inc.  
(21) 2019268059 (22) 18.11.2019  
(54) INTERACTIVE ORGANIZATION OF  
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(62) 2018222970

(71) Renmatix, Inc.  
(21) 2019268099 (22) 20.11.2019  
(54) ADHESIVE COMPOSITIONS COM-  
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(62) 2015320330

(71) Rite-Hite Holding Corporation  
(21) 2019268067 (22) 19.11.2019  
(54) Pedestrian-Vehicle Safety Systems for  
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(62) 2018202640

(71) Rowe, M.  
(21) 2019268072 (22) 19.11.2019  
(54) Oral Strips that assist with eradicating  
oral candida and dry mouth.

(71) SCACCHI, W.  
(21) 2019264690 (22) 18.11.2019  
(54) Propeller for sailing boats with variable  
pitch with automatic return to feathered  
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(31) 102018000010465 (32) 20.11.18 (33) IT

(71) Shell Internationale Research  
Maatschappij B.V.  
(21) 2019268076 (22) 19.11.2019  
(54) Method of generating power using a  
combined cycle  
(62) 2016353483

(71) Silixa Ltd.; Chevron U.S.A. Inc.  
(21) 2019268107 (22) 20.11.2019  
(54) Acoustic illumination for flow-monitoring  
(62) 2017258813

(71) Snap-on Incorporated  
(21) 2019268098 (22) 20.11.2019  
(54) Interactive tool storage system  
(31) 16/683,638 (32) 14.11.19 (33) US  
62/770,322 21.11.18 US

(71) Sulzer Management AG  
(21) 2019268127 (22) 20.11.2019  
(54) Multiphase pump  
(31) 18207457.5 (32) 21.11.18 (33) EP

(71) TearScience, Inc.  
(21) 2019268073 (22) 19.11.2019  
(54) EYELID ILLUMINATION SYSTEMS  
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(62) 2014259619

(71) THALES  
(21) 2019268041 (22) 18.11.2019  
(54) METHOD FOR DETECTION BY LONG  
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(31) 1871763 (32) 23.11.18 (33) FR

(71) The Boeing Company  
(21) 2019268047 (22) 18.11.2019  
(54) Apparatus and methods for connecting  
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(31) 16/212,926 (32) 07.12.18 (33) US

(71) The Johns Hopkins University  
(21) 2019268069 (22) 19.11.2019  
(54) Methods and compositions for improv-  
ing cognitive function  
(62) 2018201303

(71) The Regents of the University of Cali-  
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(21) 2019268128 (22) 20.11.2019  
(54) Viral vector nanocapsule for targeting  
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(62) 2013358922

(71) Trade View Investments Pty Ltd  
(21) 2019268068 (22) 19.11.2019  
(54) METHODS AND SYSTEMS FOR CON-  
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TURE  
(31) 2018904412 (32) 19.11.18 (33) AU

(71) Trading Technologies International, Inc.  
(21) 2019268129 (22) 20.11.2019  
(54) Trading tools for electronic trading  
(62) 2017276159

(71) Uber Technologies, Inc.  
(21) 2019268109 (22) 20.11.2019  
(54) SYSTEM AND METHOD FOR AR-  
RANGING TRANSPORT AMONGST  
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(62) 2017203891

(71) Universite Catholique de Louvain; Lud-  
wig Institute for Cancer Research Ltd.;  
argenx SE  
(21) 2019268046 (22) 18.11.2019  
(54) ANTI-GARP PROTEIN AND USES  
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(62) 2014298373

(71) University of Massachusetts  
(21) 2019268043 (22) 18.11.2019

(54) NEGATIVE PRESSURE WOUND  
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(62) 2018203523

(71) VIDEO GAMING TECHNOLOGIES,  
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(21) 2019268106 (22) 20.11.2019  
(54) Lock Zone  
(62) 2018203712

(71) VISA International Service Association  
(21) 2019268058 (22) 18.11.2019  
(54) CLOUD-BASED VIRTUAL WALLET  
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(62) 2013315510

(71) Wells, M.  
(21) 2019268071 (22) 19.11.2019  
(54) A bird deterring equine feeder  
(31) 2018904427 (32) 20.11.18 (33) AU

(71) WIREMAN PTY LIMITED  
(21) 2019268054 (22) 18.11.2019  
(54) FENCING APPARATUS AND FEN-  
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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Nov 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p><b>Access Technical Centre see The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST</b> (21) 2019101424</p> <hr/> <p>(71) APEX HEALTH CARE MFG. INC. (21) 2019101425 (22) 20.11.2019 (54) ELECTRIC BED WITH A LIFTING ADJUSTMENT STRUCTURE</p> <hr/> <p>(71) Carragher, D. (21) 2019101420 (22) 19.11.2019 (54) Assembly, Exercise Apparatus, Bag therefor and associated Method of Use (31) 2018904417 (32) 19.11.18 (33) AU</p> <hr/> <p><b>China Electric Power Research Institute Company Limited see North China Electric Power University</b> (21) 2019101413</p> <hr/> <p>(71) Draffin, M. (21) 2019101429 (22) 20.11.2019 (54) Camera Support</p> <hr/> <p>(71) Harman, P. (21) 2019101434 (22) 21.11.2019 (54) Alarm Signalling Equipment Secure Access Method</p> <hr/> <p>(71) Kaizen Nutrition Pty Ltd (21) 2019101433 (22) 21.11.2019 (54) Nutritional Supplement Dispensary. A custom built dispensary unit for people to scoop out, weigh and measure nutritional supplement powders at any volume/quantity that they require.</p> <hr/> <p>(71) Lanzhou University (21) 2019101432 (22) 21.11.2019 (54) PLANTING AND MANAGEMENT METHOD OF GRASS-WHITE CLOVER GRASSLAND (31) 201910205161.7 (32) 18.03.19 (33) CN</p> <hr/> <p>(71) Liberation Developments Pty Ltd (21) 2019101431 (22) 21.11.2019 (54) A SUPPORT ASSEMBLY (62) 2016216660</p> <hr/> <p>(71) Manuel, G. (21) 2019101416 (22) 18.11.2019</p>	<p>(54) METHOD AND APPARATUS FOR TIMELY REPLACEMENT OF HYDRAULIC PISTON PUMPS AND MOTORS</p> <hr/> <p>(71) Mitchell, R. (21) 2019101427 (22) 20.11.2019 (54) Otto Alarm management module</p> <hr/> <p>(71) Muollo, G. (21) 2019101415 (22) 18.11.2019 (54) Adjustable bed (62) PCT/AU2018/050792</p> <hr/> <p>(71) 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 (21) 2019101413 (22) 18.11.2019 (54) METHOD FOR EVALUATING AND REGULATING CONSUMPTION CAPACITY OF REGIONAL POWER GRID FOR RENEWABLE ENERGY SOURCES</p> <hr/> <p>(71) Penguin Blue Properties Pty Ltd (21) 2019101426 (22) 20.11.2019 (54) Giving Connect is for donors who wish to make their giving more effective. Giving Connect helps philanthropists and not for profits understand and articulate their philanthropic motivations and intentions, and build a strategic framework to inform their decision-making and funding partnerships.</p> <hr/> <p>(71) Safe Barriers Development Co. Pte. Ltd (21) 2019101418 (22) 19.11.2019 (54) SCREEN FOR ROADSIDE BARRIERS</p> <hr/> <p><b>Smeed, J. see Wilkinson, R.</b> (21) 2019101421</p> <hr/> <p>(71) Southwest University (21) 2019101411 (22) 17.11.2019 (54) A distributed adaptive task-switching and learning based on clustering for secure multi-task estimation algorithm over adversarial multi-task network</p> <hr/> <p>(71) Southwest University (21) 2019101412 (22) 17.11.2019 (54) A distributed adaptive clustering strategy algorithm</p>	<hr/> <p>(71) Southwest University (21) 2019101417 (22) 18.11.2019 (54) Fast stochastic gradient tracking technology for large-scale distributed computation</p> <hr/> <p>(71) Spittle, D. (21) 2019101409 (22) 16.11.2019 (54) A unique, totally new easel &amp; essential artists accessories package. This includes 2 easels, a wall (studio) &amp; plein aire model, a slightly larger, improved plein aire painting &amp; brush box, (compared to the wooden ones currently on the market). A Mall, paint boxes to hold ready mixed acrylic or oil paints, palette holder, aluminium or plastic palettes, water carrier &amp; wet painting carrier.</p> <hr/> <p><b>State Grid Corporation of China see North China Electric Power University</b> (21) 2019101413</p> <hr/> <p><b>State Grid Hebei Electric Power Supply Co., Ltd. see North China Electric Power University</b> (21) 2019101413</p> <hr/> <p>(71) Techtronic Outdoor Products Technology Limited (21) 2019101430 (22) 21.11.2019 (54) A power tool with dust deflector (62) 2014385783</p> <hr/> <p>(71) The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre (21) 2019101424 (22) 19.11.2019 (54) This invention is a special integral shape designed to work as internal concrete formwork on the internal side of an access cover frame (31) 2018904442 (32) 21.11.18 (33) AU</p> <hr/> <p>(71) Thompson Meat Machinery Pty Ltd (21) 2019101414 (22) 18.11.2019 (54) Improved Meat Mincer</p> <hr/> <p>(71) Unikode Group Pty Ltd (21) 2019101419 (22) 19.11.2019 (54) Tissue Holder with Wireless Charging Function</p>
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(71) VRTY PTY LTD  
 (21) 2019101410 (22) 16.11.2019  
 (54) The VRTY in Virtual Reality Digital Focussing Tool

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(71) Wilkinson, R.; Smeed, J.  
 (21) 2019101421 (22) 19.11.2019  
 (54) Energy from Waste Plants

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(71) Wuhan University  
 (21) 2019101428 (22) 20.11.2019  
 (54) Method for amplifying water level measuring accuracy by projection and application thereof  
 (31) 201910396616.8 (32) 14.05.19 (33) CN

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(71) Zhejiang Jiansheng Leisure Products Co., Ltd  
 (21) 2019101422 (22) 19.11.2019  
 (54) Folding tent with central self-lock structure  
 (31) 2019109939427 (32) 18.10.19 (33) CN  
 2019217536955 18.10.19 CN

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(71) Zhejiang Jiansheng Leisure Products Co., Ltd  
 (21) 2019101423 (22) 19.11.2019  
 (54) Folding cart  
 (31) 2019217550416 (32) 18.10.19 (33) CN

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<b>2019101409</b>	Spittle, D.	<b>2019101421</b>	Wilkinson, R.; Smeed, J.
<b>2019101410</b>	VRTY PTY LTD	<b>2019101422</b>	Zhejiang Jiansheng Leisure Products Co., Ltd
<b>2019101411</b>	Southwest University	<b>2019101423</b>	Zhejiang Jiansheng Leisure Products Co., Ltd
<b>2019101412</b>	Southwest University	<b>2019101424</b>	The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre
<b>2019101413</b>	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	<b>2019101425</b>	APEX HEALTH CARE MFG. INC.
<b>2019101414</b>	Thompson Meat Machinery Pty Ltd	<b>2019101426</b>	Penguin Blue Properties Pty Ltd
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<b>2019101416</b>	Manuel, G.	<b>2019101428</b>	Wuhan University
<b>2019101417</b>	Southwest University	<b>2019101429</b>	Draffin, M.
<b>2019101418</b>	Safe Barriers Development Co. Pte. Ltd	<b>2019101430</b>	Techtronic Outdoor Products Technology Limited
<b>2019101419</b>	Unikode Group Pty Ltd	<b>2019101431</b>	Liberation Developments Pty Ltd
<b>2019101420</b>	Carragher, D.	<b>2019101432</b>	Lanzhou University
		<b>2019101433</b>	Kaizen Nutrition Pty Ltd
		<b>2019101434</b>	Harman, P.

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

2019246799 **Beijing DIDI Infinity Technology and Development Co., Ltd.** The filing date has been amended to 15.10.2019



**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
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 2005241845 ( 14 )    2005241850 ( 14 )    2005243801 ( 14 )  
 2005243867 ( 14 )    2005244062 ( 14 )    2005244081 ( 14 )  
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 2005245233 ( 14 )    2005245381 ( 14 )    2005248341 ( 14 )  
 2005250354 ( 14 )

**2006**

2006201917 ( 14 )    2006201957 ( 14 )    2006201992 ( 14 )  
 2006203449 ( 14 )    2006233178 ( 14 )    2006244014 ( 14 )  
 2006244112 ( 14 )    2006245675 ( 14 )    2006245676 ( 14 )  
 2006246299 ( 14 )    2006246325 ( 14 )

**2007**

2007246910 ( 14 )    2007249293 ( 14 )    2007250925 ( 14 )  
 2007251399 ( 14 )    2007251569 ( 14 )    2007251601 ( 14 )  
 2007252939 ( 14 )    2007253487 ( 14 )    2007253925 ( 14 )  
 2007257355 ( 14 )    2007267712 ( 14 )    2007268119 ( 14 )

**2008**

2008202077 ( 14 )    2008207498 ( 14 )    2008251584 ( 14 )  
 2008252185 ( 14 )    2008252717 ( 14 )    2008253308 ( 14 )  
 2008254312 ( 14 )    2008269453 ( 14 )    2008308316 ( 14 )

**2009**

2009201815 ( 14 )    2009201852 ( 14 )    2009233671 ( 14 )  
 2009244057 ( 14 )    2009244223 ( 14 )    2009244274 ( 14 )  
 2009244275 ( 14 )    2009244312 ( 14 )    2009245494 ( 14 )  
 2009245760 ( 14 )    2009245803 ( 14 )    2009246044 ( 14 )  
 2009246510 ( 14 )    2009247686 ( 14 )    2009247814 ( 14 )  
 2009248105 ( 14 )    2009250106 ( 14 )    2009255484 ( 14 )  
 2009257930 ( 14 )    2009280091 ( 14 )

**2010**

2010200905 ( 14 )    2010203043 ( 14 )    2010206016 ( 14 )  
 2010242774 ( 14 )    2010244982 ( 14 )    2010246597 ( 14 )  
 2010247088 ( 14 )    2010247237 ( 14 )    2010247330 ( 14 )  
 2010247439 ( 14 )    2010247750 ( 14 )    2010247903 ( 14 )  
 2010251311 ( 14 )    2010251507 ( 14 )    2010328690 ( 14 )  
 2010352624 ( 14 )    2010352625 ( 14 )

**2011**

2011101454 (22) 2011101475 (22) 2011101476 (22)  
 2011101479 (22) 2011101488 (22) 2011101494 (22)  
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 2011249913 (14) 2011252005 (14) 2011252008 (14)  
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**2012**

2012100577 (22E) 2012201999 (14) 2012202735 (14)  
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**2013**

2013100099 (22) 2013100560 (22) 2013100645 (22)  
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 2013202455 (14) 2013202513 (14) 2013205818 (14)  
 2013216580 (5C) 2013221968 (14) 2013224749 (5C)  
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 2013261937 (14) 2013375303 (5C) 2013375908 (5C)  
 2013388864 (14) 2013388870 (14)

**2014**

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 2014266373 (4C) 2014267717 (14) 2014270613 (14)  
 2014273565 (1B) 2014276590 (14) 2014277663 (5C)  
 2014281175 (14) 2014308700 (5C) 2014343636 (5C)  
 2014400680 (5C)

**2015**

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**2016**

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2016245866 (1B) 2016245994 (1B) 2016247211 (1B)  
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 2016307447 (1B) 2016309971 (1B) 2016311128 (1B)  
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 2016354146 (5C) 2016370806 (5C) 2016379852 (5C)  
 2016396716 (5C)

**2017**

2017100350 (22E) 2017100501 (22E) 2017100502 (22E)  
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 2017211005 (5C) 2017213557 (5C) 2017220807 (5C)  
 2017221787 (5C) 2017224995 (5C) 2017245318 (4C)  
 2017245337 (5C) 2017251743 (5C) 2017254914 (5C)  
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 2017285720 (5C)

**2018**

2018200019 (5C) 2018200270 (5C) 2018200500 (5C)  
 2018200753 (5C) 2018200897 (4C) 2018200950 (5C)  
 2018201507 (5C) 2018201686 (5C) 2018201986 (5C)  
 2018202181 (5C) 2018202311 (5C) 2018202797 (5C)  
 2018203055 (5C) 2018203323 (5CN) 2018203911 (4C)  
 2018206821 (5C) 2018217271 (5C) 2018232982 (5CN)  
 2018278864 (4C) 2018904415 (12AN) 2018904721 (12AN)

**2019**

2019100538 (18AN) 2019100976 (18AN) 2019200090 (4C)  
 2019200253 (16C) 2019222876 (1B) 2019222920 (1B)  
 2019222926 (1B) 2019222931 (1B) 20192226173 (7AN)  
 2019904334 (12AN)

**Complete Specifications Treated as Provisional Specifications, Section 37**

**2018**

2018271255 **Tung Hing Plastic Manufactory Limited** Provisional Number: 2018904970

**Assignments before Grant, Section 113**

**2014**

2014262247 China Synthetic Rubber Corporation The application has been assigned to **Circular Commitment Company**

2014337140 Psyadon Pharmaceuticals, Inc. The application has been assigned to **Emalex Biosciences, Inc.**

**Assignments before Grant, Section 113**

2014367362 Stanton, James; Osborne, Hamish; McKenna, Nicholas; McCauley, David; Evans, Stephen; McDermott, Gareth; Norton, Myfanwy; Fisher & Paykel Healthcare Limited; Millar, Gavin; Maeckelberghe, Thomas; Holyoake, Bruce The application has been assigned to **Fisher & Paykel Healthcare Limited**

**2015**

2015286101 Patent Technology Trading Limited The application has been assigned to **Battery Research Technology Limited**

2015287786 Cooper Technologies Company The application has been assigned to **Eaton Intelligent Power Limited**

2015343199 Adamas Pharmaceuticals, Inc. The application has been assigned to **Adamas Pharma, LLC**

**2016**

2016220404 BGI Shenzhen Co., Ltd. The application has been assigned to **MGI Tech Co., Ltd.**

2016238317 Williams, Steve; K&N Engineering, Inc.; Rosenbaum, Amir; Wall, Jere The application has been assigned to **K&N Engineering, Inc.**

2016260529 NxThera, Inc The application has been assigned to **Boston Scientific Scimed, Inc.**

2016276319 Schlumberger Technology B.V. The application has been assigned to **Reflection Marine Norge AS**

2016353153 Siamab Therapeutics, Inc. The application has been assigned to **Seattle Genetics, Inc.**

2016368278 Daylight Medical, Inc. The application has been assigned to **Diversey, Inc.**

2016371153 NxThera, Inc. The application has been assigned to **Boston Scientific Scimed, Inc.**

2016401691 Burgess, Darren; Greenwald, Michael; Barbee, Brent; IH IP Holdings Limited The application has been assigned to **IH IP Holdings Limited**

2016425880 Nanjing Natinefy Pharmatech Co., Ltd. The application has been assigned to **Shijiazhuang No. 4 Pharmaceutical Co., Ltd.**

**2017**

2017201054 Underwater Mobile Observatories International Pty Ltd The application has been assigned to **UMOI Pty. Ltd.**

2017201085 Cosmederm Bioscience, Inc. The application has been assigned to **Galleon Labs LLC**

2017246999 Nanopharma a.s.; SG Ventures Pty Limited The application has been assigned to **SG Ventures Pty Limited**

2017285486 Val-Chum, Société en Commandite; Sarkissian, Shant; Noiseux, Nicolas The application has been assigned to **Sarkissian, Shant; Noiseux, Nicolas**

**Assignments before Grant, Section 113**

2017298014 Machine Engineering Systems Pty Ltd The application has been assigned to **Delta Panels Pty Ltd**

2017298015 Machine Engineering Systems Pty Ltd The application has been assigned to **Delta Panels Pty Ltd**

2017342228 CRYOVAC, LLC; G.Mondini S.p.A. The application has been assigned to **CRYOVAC, LLC**

2017382873 NxThera, Inc. The application has been assigned to **Boston Scientific Scimed, Inc.**

**2018**

2018203011 NXTHERA, INC. The application has been assigned to **Boston Scientific Scimed, Inc.**

2018205314 NxThera, Inc. The application has been assigned to **Boston Scientific Scimed, Inc.**

2018209123 VectorBloc Corp. The application has been assigned to **Z-Modular Holding, Inc.**

2018222732 NeoMedix Corporation The application has been assigned to **MicroSurgical Technology, Inc.**

2018266649 Fleischhacker, Kevin; Koehler, Steven; McGregor, Shawn; Vandergon, Cedar The application has been assigned to **AWOL Outdoors, Inc.**

2018903520 CPAK Research Group Pty Ltd The application has been assigned to **Mako Surgical Corp.**

2018903557 Faraday Grid Limited The application has been assigned to **Third Equation Ltd**

**2019**

2019202851 Endoevolution, LLC The application has been assigned to **Intuitive Surgical Operations, Inc.**

2019204799 DePuy Products, Inc. The application has been assigned to **DePuy Synthes Products, Inc.**

2019210575 Holyoake, Bruce; Stanton, James; Maeckelberghe, Thomas; McKenna, Nicholas; Osborne, Hamish; Evans, Stephen; McCauley, David; Norton, Myfanwy; McDermott, Gareth; Fisher & Paykel Healthcare Limited; Millar, Gavin The application has been assigned to **Fisher & Paykel Healthcare Limited**

2019901819 Abernethy, Grant; FONTERRA CO-OPERATIVE GROUP LIMITED; Venter, Pierre The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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.

**2017**

2017266577 **Power Me Tech Ltd.** An application to extend the time from 19 Dec 2018 to 19 Sep 2019 in which to enter the national phase has been filed . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

**Applications Allowed - Section 223(2)****2006**

2006332463 **Iron Will Innovations Canada Inc.** The time in which to pay a renewal fee has been extended to 05 Jul 2019 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**2009**

2009328658 **Lynmarden Pty Ltd** The time in which to pay a renewal fee has been extended to 18 Jul 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2010**

2010215073 **Comfort Concepts Pty Limited** The time in which to pay a renewal fee has been extended to 19 Sep 2019 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

**2013**

2013100809 **Fletcher, S.** The time in which to pay a renewal fee has been extended to 11 Aug 2019 . Address for service - Stuart Douglas Raymond Fletcher 13 Selby Street Thornlie WA 6108 AU

**2015**

2015207815 **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.** The time in which to pay the renewal fee has been extended to 30 Jul 2019 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

**2016**

2016280165 **Cashman, K.; Haarlander, M.** The time in which to request Examination has been extended to 11 Dec 2019 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

**2018**

2018220084 **Biogemma; Genoplante-Valor** The time in which to pay the continuation fee has been extended to 14 Jul 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments****Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this

**Amendments**

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

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

**2014**

2014200269 High efficiency roller shade **THE WATT STOPPER, INC.** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2019 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2014266812 Novel polymorph of Tenofovir disoproxil maleate **Bal-usu, R.B. ; Mitchanagatla, K. ; Pilli, R. ; Vellanki, S.R.P. ; Mylan Laboratories Ltd** The nature of the amendment is: Amend the name of the applicant to read Mylan Laboratories Ltd . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014287221 Anti-complement factor C1q antibodies and uses thereof **Annexon, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2015**

2015203395 HANGER FOR ELONGATE FLEXIBLE ITEM **Chessor, C.** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2019 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2015255670 Consumable cartridge for a plasma arc cutting system **Hypertherm, Inc.** The nature of the amendment is: Amend the name of the inventor to read Sanders, Nicholas A. and Shipulski, E.Michael . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2016**

2016298471 Salts and prodrugs of 1-methyl-D-tryptophan **Newlink Genetics Corporation** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2019 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2017**

2017270403 Method and apparatus for generating a virtual image from a viewpoint selected by the user, from a camera array with daisy chain connection **Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018202573 Infusion pumps **Medtronic Minimed, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**Amendments Made****2012**

2012278599 **Kurita Water Industries Ltd.** The nature of the amendment is as shown in the statement filed 26 Aug 2019

**Amendments**

2012315421 **Medicago Inc.** The nature of the amendment is as shown in the statement filed 01 Aug 2019

**2013**

2013201095 **OncoMed Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 25 Jun 2019

2013408189 **Downer Edi Mining - Blasting Services Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Mollica, Ernesto Guillermo and Forbes, Luke

**2014**

2014227449 **Moana Group Pty Ltd** The nature of the amendment is as shown in the statement filed 11 Nov 2019

2014274970 **Isolynx, LLC** The nature of the amendment is as shown in the statement filed 02 Aug 2019

**2015**

2015201462 **Thales** The nature of the amendment is as shown in the statement filed 26 Aug 2019

2015251503 **Intelligent Inventions Limited** The nature of the amendment is: Application is to proceed under the number 2015101976

**2016**

2016204702 **Koninklijke Douwe Egberts B.V.** The nature of the amendment is as shown in the statement filed 17 Jun 2019

2016297852 **DeepMind Technologies Limited** The nature of the amendment is as shown in the statement filed 08 Aug 2019

2016301387 **Carlisle Fluid Technologies, Inc.** The nature of the amendment is as shown in the statement filed 20 Aug 2019

2016333412 **Orthofix S.r.l.** The nature of the amendment is: Amend the name of the inventor to read Ottoboni, Andrea; Zaccaria, Andrea; Ross, John D.; Samchukov, Mikhail L. and Cherkashin, Alexander M.

2016368257 **Suzhou Sinovent Pharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement filed 20 Aug 2019

2016397269 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2016102430

2016419441 **UlikeKorea Co., Inc** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2019

**2017**

2017101373 **CSR Building Products Limited** The nature of the amendment is as shown in the statement filed 25 Jul 2019

2017228723 **SoClean, Inc.** The nature of the amendment is as shown in the statement filed 26 Aug 2019

**Amendments**

2017276972 **Dong, B.** The nature of the amendment is as shown in the statement filed 08 Aug 2019

2017279831 **Nuctech Company Limited** The nature of the amendment is as shown in the statement filed 27 Aug 2019

2017336100 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Heslin, David; Ally, Roxanne; Siao, Chia-Jen; Lai, Ka-Man Venus; Valenzuela, David M.; Guo, Chunguang; Lacroix-Fralish, Michael; Macdonald, Lynn; Sharma-Kanning, Aarti; Kajimura, Daisuke; Droguett, Gustavo and Frendewey, David

2017412445 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Control information transmission method, terminal device, and network device

2017413894 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR MOVING BETWEEN COMMUNICATIONS SYSTEMS AND APPARATUS

2017414991 **Inaho, Inc.** The nature of the amendment is: Amend the invention title to read Agricultural work apparatus, agricultural work management system, and program

**2018**

2018203406 **Smart Industries Corporation** The nature of the amendment is: Amend the name of the inventor to read SMART, Jeffrey T. and DUPREE Jr., Jimmy George

2018252547 **Trespa International B.V.** The nature of the amendment is as shown in the statement filed 05 Nov 2019

2018253099 **Kelly, D.** The nature of the amendment is as shown in the statement filed 08 Nov 2019

2018255503 **Nanocellulose IP Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Bett, Stephen J. and O'Neill, John R.

2018256431 **Paras, B.** The nature of the amendment is as shown in the statement filed 05 Nov 2019

2018256998 **Astellas Pharma Inc.** The nature of the amendment is: Amend the invention title to read Pharmaceutical composition for oral administration comprising

2018257445 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Power-source power factor control system, phase modifying apparatus, and active filter apparatus

2018261988 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Communication method and communications apparatus

2018263240 **Kuk II Inntot Co., Ltd.** The nature of the amendment is: Amend the invention title to read Sealing device for gasket and gasket including the same

2018269924 **Biogen MA Inc.** The nature of the amendment is: Amend the name of the inventor to read Gopinathan, Nishanth; Irdam, Erwin; Kiesman, William; Kwok, Daw-Long, Albert; Lin, Yiqing; Os-

**Amendments**

ei-Yeboah, Frederick; Peterson, Matthew; Tran, Kenny and Vasudevan, Kalyan

2018270432 **ExxonMobil Upstream Research Company** The nature of the amendment is: Amend the invention title to read Method and System for Efficient Nonsynchronous LNG Production using Large Scale Multi-Shaft Gas Turbines

2018271515 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secret tampering detection system, secret tampering detection apparatus, secret tampering detection method, and program

2018276306 **Vak-Tek Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102149

2018276985 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR CONTROLLING PHOTOVOLTAIC POWER GENERATION, CONTROL DEVICE, AND PHOTOVOLTAIC POWER GENERATION SYSTEM

2018300872 **Hitachi Construction Machinery Co., Ltd.** The nature of the amendment is: Amend the invention title to read Loadage correction system

2018311032 **Institute for Research in Biomedicine** The nature of the amendment is: Amend the invention title to read Antibodies with functional domains in the elbow region between variable and constant domain

2018345222 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Work vehicle, control device, and method for controlling work vehicle

2018394476 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Management system of work site and management method of work site

**2019**

2019101058 **Dream Lot Pty Ltd.** The nature of the amendment is: Amend the name of the inventor to read LI, Hao and LUO, Chunyan

2019261706 **MasterCard International Incorporated** The nature of the amendment is: Amend the priority details to read 18211785.3 11 Dec 2018 EP

2019264523 **Advanced Elemental Technologies, Inc.** The nature of the amendment is: Amend the invention title to read SYSTEMS AND METHODS CONFIGURED TO ENABLE AN OPERATING SYSTEM FOR CONNECTED COMPUTING THAT SUPPORTS USER USE OF SUITABLE TO USE PURPOSE RESOURCES SOURCED FROM ONE OR MORE RESOURCE ECOSPHERES

2019904013 **Roberts, N.; Winichayakul, S.; Beechey-Gradwell, Z.; Cooney, L.** The nature of the amendment is: Amend the name of the inventor to read Roberts, Nicholas John; Winichayakul, Somrutai; Beechey-Gradwell, Zacharia D'Arcy and Cooney, Luke James

**Alteration of Name(s) of Applicant(s)/Patentee(s)****Amendments****2007**

2007254679 Siemens Rail Automation Holdings Limited The name of the patentee has been altered to **Siemens Mobility Limited**

**2008**

2008313576 Sanofi Pasteur; Merial Limited The name of the patentee has been altered to **Sanofi Pasteur SA; Merial Limited**

**2010**

2010203037 Siemens Rail Automation Holdings Limited The name of the patentee has been altered to **Siemens Mobility Limited**

**2011**

2011225728 SARL PODY CONCEPT The name of the patentee has been altered to **PODY CONCEPT**

2011251321 Kyowa Hakko Kirin Co., Ltd. The name of the patentee has been altered to **Kyowa Kirin Co., Ltd.**

2011374216 Sunflex Components Pty Ltd The name of the patentee has been altered to **Blindware Pty Ltd**

**2013**

2013325120 Ellume Pty Ltd The name of the patentee has been altered to **Ellume Limited**

2013408189 Downer Edi Mining - Blasting Services Pty Ltd The name of the applicant has been altered to **Mixers Australia Pty Ltd; Downer Edi Mining - Blasting Services Pty Ltd**

**2014**

2014206799 Arsanis Biosciences GmbH The name of the patentee has been altered to **X4 Pharmaceuticals (Austria) GmbH**

2014253069 Siemens Rail Automation Holdings Limited The name of the patentee has been altered to **Siemens Mobility Limited**

2014284128 Ellume Pty Ltd The name of the patentee has been altered to **Ellume Limited**

2014381795 Arsanis Biosciences GmbH The name of the applicant has been altered to **X4 Pharmaceuticals (Austria) GmbH**

**2015**

2015201635 Ellume Pty Ltd The name of the patentee has been altered to **Ellume Limited**

2015248815 VTU Technology GmbH; Sandoz AG; Lonza Ltd.; Boehringer Ingelheim RCV GmbH & Co KG The name of the applicant has been altered to **Validogen GmbH; Sandoz AG; Lonza Ltd.; Boehringer Ingelheim RCV GmbH & Co KG**

2015308950 International Research Institute of Stavanger AS The name of the applicant has been altered to **NORCE Norwegian Research Centre AS**

**Amendments****2016**

2016293667 Kyowa Hakko Kirin Co., Ltd. The name of the applicant has been altered to **Kyowa Kirin Co., Ltd.**

**2017**

2017101776 I Pipe Pty Ltd The name of the patentee has been altered to **I Pipe IP Pty Ltd**

2017276712 Lysat Pharma GmbH (Lysatpharma) The name of the applicant has been altered to **Lysatpharma GmbH**

2017286727 Merial, Inc.; Sanofi Pasteur The name of the applicant has been altered to **Sanofi Pasteur SA; Merial, Inc.**

2017340073 Pure Environmental Solutions Ltd. The name of the applicant has been altered to **PURE ENVIRONMENTAL SOLUTIONS INC.**

2017376458 Cove Bio Llc The name of the applicant has been altered to **Cove Bio LLC**

**2018**

2018204437 Arsanis Biosciences GmbH The name of the patentee has been altered to **X4 Pharmaceuticals (Austria) GmbH**

2018223212 Ellume Pty Ltd The name of the applicant has been altered to **Ellume Limited**

2018260557 Phase IV, Inc. The name of the applicant has been altered to **Phase IV Engineering, Inc.**

**2019**

2019901798 Ellume Pty Ltd The name of the applicant has been altered to **Ellume Limited**

2019904310 Gunaratne, P Mudiyanseelage Nilantha Pras ad Dhammika The name of the applicant has been altered to **Gunaratne, P.M.N.P.D.**

Applications Open to Public Inspection

Name Index

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

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(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.  
 (11) AU-A-2019261820  
 (21) 2019261820 (22) 08.11.2019  
 (54) Composition and method for the diagnosis and treatment of iron-related disorders  
 (51) Int. Cl.  
*C07K 16/26* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017235976  
 (72) MUELLER, Bernhard; POPP, Andreas; PEREZ, Jennifer M.  
 (74) Spruson & Ferguson

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AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG  
 (21) 2019261820

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(71) ABLE DEFENCE LAWYERS PTY LIMITED  
 (11) AU-A-2018203459  
 (21) 2018203459 (22) 16.05.2018  
 (54) Defamation 2GO comes under the 2GO franchise. It is an online defamation website designed to enable persons affected by defamation, cyberbullying, on-line abuse and harassment to easily obtain affordable legal services.  
 (51) Int. Cl.  
*G06Q 50/18* ( 2012.01 )  
 (43) 05.12.2019  
 (72) Robinson, Julie; Wood, Annette  
 (74) ABLE DEFENCE LAWYERS PTY LIMITED

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(71) Abyssal S.A.  
 (11) AU-A-2019264604  
 (21) 2019264604 (22) 14.11.2019  
 (54) SYSTEM AND METHOD OF OPERATION FOR REMOTELY OPERATED VEHICLES WITH SUPERIMPOSED 3D IMAGERY  
 (51) Int. Cl.  
*G06T 19/00* ( 2011.01 )  
*G05D 1/00* ( 2006.01 )  
*G06T 15/50* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017236009  
 (72) Da Silva, Manuel Alberto Parente  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adeka Corporation  
 (11) AU-A-2018346901  
 (21) 2018346901 (22) 09.10.2018

(54) Particulate nucleating agent, resin composition, molded product, and production method thereof  
 (51) Int. Cl.  
*C08F 10/06* ( 2006.01 )  
 (31) 2018-096303 (32) 18.05.18 (33) JP  
 (43) 05.12.2019  
 (72) Fukuda, Takuya; Yokota, Yuri  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2018250521  
 (21) 2018250521 (22) 21.10.2018  
 (54) BLUE NOISE DITHERED FILTERING  
 (51) Int. Cl.  
*G06T 3/40* ( 2006.01 )  
 (31) 15/980,367 (32) 15.05.18 (33) US  
 (43) 05.12.2019  
 (72) Wei, Li-Yi; Sun, Xin  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019200951  
 (21) 2019200951 (22) 11.02.2019  
 (54) SELECTIVE AND MULTI-QUERY VISUAL SIMILARITY SEARCH  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
 (31) 15/983,949 (32) 18.05.18 (33) US  
 (43) 05.12.2019  
 (72) Lin, Zhe; Shen, Xiaohui; Ling, Mingyang; Zhang, Jianming; Kuen, Jason; Butterfield, Brett  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Advanced Bariatric Technology, LLC  
 (11) AU-A-2019264560  
 (21) 2019264560 (22) 12.11.2019  
 (54) Polymer overmolded bariatric clamp and method of installing  
 (51) Int. Cl.  
*A61B 17/122* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018247195  
 (72) Armenteros, Jesus R.; Jacobs, Moises; French, C. Kenneth  
 (74) Davies Collison Cave Pty Ltd

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(71) Advanced Elemental Technologies, Inc.  
 (11) AU-A-2019264523  
 (21) 2019264523 (22) 11.11.2019  
 (54) METHODS AND SYSTEMS FOR PURPOSEFUL COMPUTING  
 (51) Int. Cl.  
*G06F 7/00* ( 2006.01 )

(43) 05.12.2019  
 (62) 2017248433  
 (72) Shear, Victor Henry; Williams, Peter Robert; Rho, Jaisook; Redmond, Timothy St.John; Horning, James Jay  
 (74) Phillips Ormonde Fitzpatrick

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(71) Agdia Inc  
 (11) AU-A-2019264582  
 (21) 2019264582 (22) 13.11.2019  
 (54) MODULAR TESTING DEVICE FOR ANALYZING BIOLOGICAL SAMPLES  
 (51) Int. Cl.  
*G01N 33/48* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
*G01N 21/63* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2016238301  
 (72) MISCHKE, Hans; PEXSA, Grant; BAUMGARTNER, Mark; HODGSON, Cory; BRISTOW, Andrew; STECKELBERG, John; PATTERSON, Jared  
 (74) K&L Gates

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(71) Allergan, Inc.  
 (11) AU-A-2019264519  
 (21) 2019264519 (22) 11.11.2019  
 (54) Prostaglandin-containing intraocular implant  
 (51) Int. Cl.  
*A61L 27/18* ( 2006.01 )  
*A61F 9/00* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61L 27/54* ( 2006.01 )  
*A61L 27/58* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018202049  
 (72) Hughes, Patrick M.; Shen, Jie; Robinson, Michael R.; Woodward, David F.; Burk, Robert M.; Liu, Hui; Wan, Jinping; Durairaj, Chandrasekar; Ambrus, Gyorgy F.; Wu, Ke; Dinh, Danny T.  
 (74) Davies Collison Cave Pty Ltd

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(71) Allergan, Inc.  
 (11) AU-A-2019264555  
 (21) 2019264555 (22) 12.11.2019  
 (54) Amide derivatives of N-urea substituted amino acids as formyl peptide receptor like-1 (FPRL-1) receptor modulators  
 (51) Int. Cl.  
*C07C 275/28* ( 2006.01 )  
*A61K 31/17* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017251683  
 (72) Beard, Richard L.; Duong, Tien T.; Donello, John E.; Viswanath, Veena; Garst, Michael E.  
 (74) Davies Collison Cave Pty Ltd



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(71) Altria Client Services LLC  
 (11) AU-A-2019261824  
 (21) 2019261824 (22) 08.11.2019  
 (54) ELECTRONIC VAPING DEVICE AND COMPONENTS THEREOF  
 (51) Int. Cl.  
     **A24F 47/00** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2015222843  
 (72) Cadieux, Edmond; Burton, Douglas A.; Smith, Barry S.; Lipowicz, Peter; Cabler, Patrick J.  
 (74) WRAYS PTY LTD

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2019261814  
 (21) 2019261814 (22) 08.11.2019  
 (54) Networking technologies  
 (51) Int. Cl.  
     **H04L 29/06** ( 2006.01 )  
     **H04L 12/861** ( 2013.01 )  
     **H04L 12/863** ( 2013.01 )  
 (43) 05.12.2019  
 (62) 2018250412  
 (72) SHALEV, Leah; BARRETT, Brian William; BSHARA, Nafea; MACHULSKY, Georgy  
 (74) Spruson & Ferguson

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(71) Amgen Inc.  
 (11) AU-A-2019264645  
 (21) 2019264645 (22) 15.11.2019  
 (54) Interleukin-2 muteins for the expansion of T-regulatory cells  
 (51) Int. Cl.  
     **C07K 14/55** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2016246152  
 (72) Butz, Eric Alan; Thomson, Christy Ann; Gavin, Marc Alain; Foltz, Ian Nevin; Xia, Dong; Alcorn, Dina N.; Lim, Ai Ching; Ketchem, Randal Robert; Manchulenko, Kathy; Sekirov, Laura; Berry, Kelly Ann; De Imus, Cyr Clovis Chua; Agrawal, Neeraj Jagdish; Kannan, Gunasekaran; Li, Li  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2019264525  
 (21) 2019264525 (22) 11.11.2019  
 (54) SHUFFLED PLAYING CARDS AND MANUFACTURING METHOD THEREOF  
 (51) Int. Cl.  
     **A63F 1/12** ( 2006.01 )  
     **A63F 1/02** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017254969  
 (72) Shigeta, Yasushi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2019264556

(21) 2019264556 (22) 12.11.2019  
 (54) Inspection system and game token  
 (51) Int. Cl.  
     **G07D 5/00** ( 2006.01 )  
     **A63F 9/24** ( 2006.01 )  
     **G06K 7/10** ( 2006.01 )  
     **G06K 7/12** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018203466  
 (72) Shigeta, Yasushi  
 (74) Davies Collison Cave Pty Ltd

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Angers, S. see Sidhu, S.  
 (21) 2019264562

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(71) Angros, L.  
 (11) AU-A-2019264667  
 (21) 2019264667 (22) 15.11.2019  
 (54) METHOD OF REMOVING FLOATATION LIQUID  
 (51) Int. Cl.  
     **C02F 1/40** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018202985  
 (72) Angros, Lee H.  
 (74) Phillips Ormonde Fitzpatrick

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(71) Apotex Inc.  
 (11) AU-A-2018203509  
 (21) 2018203509 (22) 17.05.2018  
 (54) Novel crystalline forms of Ibrutinib  
 (51) Int. Cl.  
     **C07D 487/04** ( 2006.01 )  
     **A61K 9/20** ( 2006.01 )  
     **A61K 9/48** ( 2006.01 )  
     **A61K 31/519** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (43) 05.12.2019  
 (72) Souza, Fabio E. S.; Bhattacharyya, Anny; Khalili, Bahareh; Rey, Allan W.; Gorin, Boris  
 (74) Shelston IP Pty Ltd.

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(71) Apple Inc.  
 (11) AU-A-2019264623  
 (21) 2019264623 (22) 14.11.2019  
 (54) Electronic device for digital object management  
 (51) Int. Cl.  
     **G06F 3/0485** ( 2013.01 )  
     **G06F 3/041** ( 2006.01 )  
     **G06F 3/0488** ( 2013.01 )  
 (43) 05.12.2019  
 (62) 2018214074  
 (72) MATAS, Michael; CHRISTIE, Greg; MARCOS, Paul D.; FORSTALL, Scott; VAN OS, Marcel; ORDING, Bas; CHAUDHRI, Imran  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019264656  
 (21) 2019264656 (22) 15.11.2019  
 (54) Design and construction of non-rectangular batteries  
 (51) Int. Cl.

**H01M 2/02** ( 2006.01 )  
**H01M 10/04** ( 2006.01 )  
**H01M 10/0525** ( 2010.01 )  
**H01M 10/0565** ( 2010.01 )  
**H01M 10/0585** ( 2010.01 )  
 (43) 05.12.2019  
 (62) 2017204391  
 (72) Spare, Bradley L.  
 (74) FPA Patent Attorneys Pty Ltd

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argenx SE see Universite Catholique de Louvain  
 (21) 2019268046

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018203452  
 (21) 2018203452 (22) 16.05.2018  
 (54) A GAMING DEVICE  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
 (43) 05.12.2019  
 (72) FONG, Colin  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018203549  
 (21) 2018203549 (22) 21.05.2018  
 (54) A GAMING SYSTEM  
 (51) Int. Cl.  
     **A63F 13/69** ( 2014.01 )  
     **A63F 13/50** ( 2014.01 )  
 (43) 05.12.2019  
 (72) VISSER, Antoon Christiaan; RAE, Claudia  
 (74) Griffith Hack

---

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019203082  
 (21) 2019203082 (22) 01.05.2019  
 (54) SYSTEMS AND METHOD FOR METAMORPHIC REEL GAME FEATURES  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
 (31) 15/981,596 (32) 16.05.18 (33) US  
 (43) 05.12.2019  
 (72) KANIA, Scott; CASEY, Michael P.  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019203189  
 (21) 2019203189 (22) 07.05.2019  
 (54) UNIVERSAL SWITCH ASSEMBLY FOR LOCKING AND UNLOCKING AN ACCESS DOOR OF A GAMING MACHINE CABINET  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
     **E05B 47/00** ( 2006.01 )  
 (31) 15/984,886 (32) 21.05.18 (33) US

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(43) 05.12.2019  
 (72) BARBOUR, Timothy Francis; BIONDO, Dominic S.; SURRA, Mark Gerard; SHAFFER, Stephen William  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019261822  
 (21) 2019261822 (22) 08.11.2019  
 (54) AN ELECTRONIC GAMING MACHINE  
 (51) Int. Cl.  
 A63F 9/24 ( 2006.01 )  
 G07F 7/02 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017204350  
 (72) MUIR, Robert Linley; MCCOULL, James Ross  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264568  
 (21) 2019264568 (22) 12.11.2019  
 (54) A GAMING DEVICE  
 (51) Int. Cl.  
 A63F 13/45 ( 2014.01 )  
 (43) 05.12.2019  
 (62) 2018203323  
 (72) Crispino, Oliver; Tran, Toan; Lombardo, Paul; Sidioti, Alex  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264589  
 (21) 2019264589 (22) 13.11.2019  
 (54) A GAMING DEVICE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018203452  
 (72) FONG, Colin  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264594  
 (21) 2019264594 (22) 13.11.2019  
 (54) A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME  
 (51) Int. Cl.  
 A63F 13/00 ( 2014.01 )  
 (43) 05.12.2019  
 (62) 2018203481  
 (72) MILLINER, John; BRUNELLE, Rachel  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264635  
 (21) 2019264635 (22) 14.11.2019  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
 G06F 17/30 ( 2006.01 )

(43) 05.12.2019  
 (62) 2018200681  
 (72) BOND, Anthony Wayne; FRERKING, Gary; JOHNSON, Darnell Alfonso; STEWART, Scott Monroe; WOOTRESS Jr., John  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264644  
 (21) 2019264644 (22) 15.11.2019  
 (54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME  
 (51) Int. Cl.  
 A63F 13/00 ( 2014.01 )  
 (43) 05.12.2019  
 (62) 2018203489  
 (72) MARKS, Daniel  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019264666  
 (21) 2019264666 (22) 15.11.2019  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER  
 (51) Int. Cl.  
 A63F 13/45 ( 2014.01 )  
 A63F 13/50 ( 2014.01 )  
 (43) 05.12.2019  
 (62) 2017245385  
 (72) FONG, Colin  
 (74) Griffith Hack

(71) Astellas Institute for Regenerative Medicine  
 (11) AU-A-2019264631  
 (21) 2019264631 (22) 14.11.2019  
 (54) Mesenchymal stromal cells and uses related thereto  
 (51) Int. Cl.  
 A61K 35/12 ( 2006.01 )  
 A61K 38/19 ( 2006.01 )  
 A61K 38/30 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 C12N 5/0775 ( 2010.01 )  
 (43) 05.12.2019  
 (62) 2017239526  
 (72) Lanza, Robert; Kimbrel, Erin Anne; Chu, Jianlin; Kouris, Nicholas Arthur  
 (74) Watermark Intellectual Property Pty Ltd

**AstraZeneca AB see Ionis Pharmaceuticals, Inc.**  
 (21) 2019264601

(71) Australian Ramp Systems Pty Ltd  
 (11) AU-A-2019264636  
 (21) 2019264636 (22) 14.11.2019  
 (54) Hand Rail And Kick Plate Assembly  
 (51) Int. Cl.  
 E04F 11/18 ( 2006.01 )

E04F 11/00 ( 2006.01 )  
 E04G 21/32 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017239550  
 (72) Suggate, Trevor Ross  
 (74) George Griziotis

(71) AvenTOM Limited  
 (11) AU-A-2019264686  
 (21) 2019264686 (22) 18.11.2019  
 (54) A RETAINER FOR RETAINING A HANDLE END OF A BRUSH  
 (51) Int. Cl.  
 A46B 17/06 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018204621  
 (72) Pellareau, Thomas Robert Etienne  
 (74) Origin Patent and Trade Mark Attorneys

(71) AVENTOM LIMITED  
 (11) AU-A-2019264689  
 (21) 2019264689 (22) 18.11.2019  
 (54) APPARATUS FOR RETAINING LIQUID AND METHOD FOR BRUSH CLEANING  
 (51) Int. Cl.  
 A46B 17/06 ( 2006.01 )  
 B08B 3/04 ( 2006.01 )  
 B65D 1/04 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018204613  
 (72) PELLEREAU, THOMAS ROBERT ETIENNE  
 (74) Origin Patent and Trade Mark Attorneys

(71) AVERY DENNISON CORPORATION  
 (11) AU-A-2019257446  
 (21) 2019257446 (22) 30.10.2019  
 (54) Tire tracking RFID label  
 (51) Int. Cl.  
 G06K 19/077 ( 2006.01 )  
 B60C 23/00 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2015324067  
 (72) JANKO, Pavel; MARKOV, Denis  
 (74) Griffith Hack

(71) AVISTA PHARMA SOLUTIONS, INC.  
 (11) AU-A-2019264548  
 (21) 2019264548 (22) 12.11.2019  
 (54) Antiparasitic compounds  
 (51) Int. Cl.  
 C07D 491/10 ( 2006.01 )  
 A61K 31/427 ( 2006.01 )  
 A61K 33/14 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2016206748  
 (72) SPEAKE, Jason D.; PERALES, Joe B.; FAN, Weiming; ROLLAND, Solène Clarisse  
 (74) Griffith Hack

(71) Battelle Memorial Institute  
 (11) AU-A-2019268039  
 (21) 2019268039 (22) 18.11.2019  
 (54) Shared Aperture Antenna Array

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- (51) Int. Cl.  
**H01Q 9/04** ( 2006.01 )  
**H01Q 21/06** ( 2006.01 )  
**H01Q 21/24** ( 2006.01 )  
(43) 05.12.2019  
(62) 2018202198  
(72) TEDESCHI, Jonathan R.; JONES, A. Mark  
(74) PIPERS
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- (71) Becton, Dickinson and Company  
(11) AU-A-2019264517  
(21) 2019264517 (22) 11.11.2019  
(54) Drug delivery device  
(51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
**A61M 5/46** ( 2006.01 )  
(43) 05.12.2019  
(62) 2018202642  
(72) Cronenberg, Richard A.; Vedrine, Li-  
onel; Alchas, Paul  
(74) FB Rice Pty Ltd
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- (71) BEIJING DIDI INFINITY TECHNO-  
LOGY AND DEVELOPMENT CO., LTD.  
(11) AU-A-2019264647  
(21) 2019264647 (22) 15.11.2019  
(54) Systems and methods for delivering a  
message  
(51) Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
(43) 05.12.2019  
(62) 2016347232  
(72) Tan, Wei; Wang, Ziling; Meng, Yang;  
Wang, Kun; Song, Qi; Li, Xie; Wu,  
Zhaoxue  
(74) Shelston IP Pty Ltd.
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- (71) Beijing Goldwind Science & Creation  
Windpower Equipment Co., Ltd.  
(11) AU-A-2018386360  
(21) 2018386360 (22) 29.09.2018  
(54) Method and apparatus for controlling  
noise of wind turbine  
(51) Int. Cl.  
**F03D 7/00** ( 2006.01 )  
(31) 201810480707.5 (32) 18.05.18 (33) CN  
(43) 05.12.2019  
(72) Ou, Fashun  
(74) Madderns Pty Ltd
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- (71) Beijing Goldwind Science & Creation  
Windpower Equipment Co., Ltd.  
(11) AU-A-2018400527  
(21) 2018400527 (22) 29.09.2018  
(54) Method and apparatus for controlling  
noise of multiple wind turbines  
(51) Int. Cl.  
**F03D 7/00** ( 2006.01 )  
(31) 201810482517.7 (32) 18.05.18 (33) CN  
(43) 05.12.2019  
(72) Ou, Fashun  
(74) Madderns Pty Ltd
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- (71) Beijing Unistrong Science & Technology  
Co., Ltd.  
(11) AU-A-2019268055  
(21) 2019268055 (22) 18.11.2019  
(54) System and method for terrestrial  
vehicle navigation  
(51) Int. Cl.  
**G01C 21/00** ( 2006.01 )  
**A01B 69/06** ( 2006.01 )  
**G01S 19/49** ( 2010.01 )  
**G05D 1/02** ( 2006.01 )  
(43) 05.12.2019  
(62) 2015416718  
(72) Collins, Dennis M.; McClure, John A.  
(74) FB Rice Pty Ltd
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- (71) BENNETT, N.  
(11) AU-A-2018203554  
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 (72) Reker Hadrup, Sine; Pedersen, Henrik; Jakobsen, Soren; Bentzen, Amalie Kai  
 (74) FB Rice Pty Ltd

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(71) Holyoake Industries Limited  
 (11) AU-A-2019203399  
 (21) 2019203399 (22) 15.05.2019  
 (54) Fire Damper  
 (51) Int. Cl.  
*F16L 5/04* ( 2006.01 )  
*A62C 2/12* ( 2006.01 )  
*A62C 2/24* ( 2006.01 )  
*F16L 59/12* ( 2006.01 )  
*F24F 11/35* ( 2018.01 )  
 (31) 742724 (32) 21.05.18 (33) NZ  
 (43) 05.12.2019  
 (72) Holder, Gary Brian; Holyoake, Scott Noel  
 (74) James & Wells Intellectual Property

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(71) HONEYWELL INTERNATIONAL INC.  
 (11) AU-A-2019203078  
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 (51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Horton, D.  
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 (54) Rotating Socket Outlet  
 (51) Int. Cl.  
**H01R 13/00** ( 2006.01 )  
**H01R 24/76** ( 2011.01 )  
 (43) 05.12.2019  
 (72) Horton, Daniel Craig  
 (74) Daniel Craig Horton

(71) Howmedica Osteonics Corp.; The Chancellor, Masters and Scholars of the University of Cambridge  
 (11) AU-A-2019203404  
 (21) 2019203404 (22) 15.05.2019  
 (54) FABRICATION OF COMPONENTS USING SHAPED ENERGY BEAM PROFILES  
 (51) Int. Cl.  
**B29C 64/141** ( 2017.01 )  
**B33Y 10/00** ( 2015.01 )  
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 (21) 2019203344 (22) 13.05.2019  
 (54) Character recognition method  
 (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
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 (72) GOUBALAN, Sègbédji; VIGUIER, Thierry  
 (74) Spruson & Ferguson

(71) IGT  
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 (54) Electronic Gaming Machines and Related Methods with Player Emotional State Prediction  
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**A63F 13/21** ( 2014.01 )  
**A63F 13/212** ( 2014.01 )

**A63F 13/213** ( 2014.01 )  
**A63F 13/60** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )  
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 (72) Sorey, Tyler; Nelson, Dwayne; Rowe, Cameron; LeMay, Steven  
 (74) Clark Intellectual Property Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2019203393  
 (21) 2019203393 (22) 14.05.2019  
 (54) Improvements relating to manufacture of trusses  
 (51) Int. Cl.  
**E04B 7/04** ( 2006.01 )  
**E04C 3/17** ( 2006.01 )  
 (31) 2018901695 (32) 16.05.18 (33) AU  
 (43) 05.12.2019  
 (72) Kennelly, Bernard  
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2019257471  
 (21) 2019257471 (22) 31.10.2019  
 (54) A magnetic clamp  
 (51) Int. Cl.  
**B25B 5/00** ( 2006.01 )  
**A47G 1/17** ( 2006.01 )  
**B25B 11/00** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017265052  
 (72) Sladojevic, Robert  
 (74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.  
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 (21) 2019261823 (22) 08.11.2019  
 (54) Systems And Methods For Biochemical Analysis Including A Base Instrument And A Removable Cartridge  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**B01L 7/00** ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2015267189  
 (72) ARAVANIS, Alex; BOYANOV, Boyan; BOWEN, M. Shane; BUERMANN, Dale; HSIAO, Alexander; JAVAN-MARDI, Behnam; KHURANA, Tarun; SABOUNCHI, Poorya; TRAN, Hai Quang  
 (74) WRAYS PTY LTD

(71) Illumina, Inc.  
 (11) AU-A-2019264546  
 (21) 2019264546 (22) 12.11.2019  
 (54) Systems And Methods For Biochemical Analysis Including A Base Instrument And A Removable Cartridge  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**B01L 7/00** ( 2006.01 )  
 (43) 05.12.2019  
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Dale; HSIAO, Alexander; JAVAN-MARDI, Behnam; KHURANA, Tarun; SABOUNCHI, Poorya; TRAN, Hai Quang  
 (74) WRAYS PTY LTD

**Immudex ApS see Herlev Hospital**  
 (21) 2019264685

(71) ImmunoGen, Inc.  
 (11) AU-A-2019264595  
 (21) 2019264595 (22) 13.11.2019  
 (54) Methods of preparation of conjugates  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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 (62) 2017268554  
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 (74) Davies Collison Cave Pty Ltd

(71) Integral Care Technologies Ltd; Whittington, M.  
 (11) AU-A-2019203440  
 (21) 2019203440 (22) 16.05.2019  
 (54) A RECLINING MECHANISM  
 (51) Int. Cl.  
**A47C 17/04** ( 2006.01 )  
**A47C 1/024** ( 2006.01 )  
**A47C 1/027** ( 2006.01 )  
**A61G 5/00** ( 2006.01 )  
 (31) 2018901723 (32) 17.05.18 (33) AU  
 (43) 05.12.2019  
 (72) Whittington, Mark  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Intelligent Synthetic Biology Center  
 (11) AU-A-2018256543  
 (21) 2018256543 (22) 31.10.2018  
 (54) Increase of ginsenoside production by improvement of nadph-related biosynthetic pathway in yeast  
 (51) Int. Cl.  
**C12N 1/19** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
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**C12P 33/00** ( 2006.01 )  
 (31) 10-2018-0056159 (32) 16.05.18 (33) KR  
 (43) 05.12.2019  
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(71) Intex Holdings Pty Ltd  
 (11) AU-A-2019253908  
 (21) 2019253908 (22) 14.05.2019  
 (54) Expert report editor  
 (51) Int. Cl.  
**G06F 17/21** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 7/00** ( 2017.01 )

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**(43)** 05.12.2019  
**(72)** Davies, Roger  
**(74)** LESICAR MAYNARD ANDREWS PTY LTD

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**(71)** Ionis Pharmaceuticals, Inc.; AstraZeneca AB  
**(11)** AU-A-2019264601  
**(21)** 2019264601 **(22)** 14.11.2019  
**(54)** GLP-1 RECEPTOR LIGAND MOIETY CONJUGATED OLIGONUCLEOTIDES AND USES THEREOF  
**(51)** Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**(43)** 05.12.2019  
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**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Janssen Pharmaceutica NV  
**(11)** AU-A-2019268050  
**(21)** 2019268050 **(22)** 18.11.2019  
**(54)** Antibodies to paliperidone and use thereof  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2017264976  
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**(74)** Shelston IP Pty Ltd.

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**(21)** 2019203180

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**(11)** AU-A-2019264671  
**(21)** 2019264671 **(22)** 15.11.2019  
**(54)** Foam structure wound inserts for directional granulation  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61L 15/42** ( 2006.01 )  
**B29C 44/56** ( 2006.01 )  
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**(62)** 2017248442  
**(72)** Stokes, Benjamin; Robinson, Timothy Mark  
**(74)** Shelston IP Pty Ltd.

**(71)** Lee, H.C.  
**(11)** AU-A-2019232856  
**(21)** 2019232856 **(22)** 19.09.2019  
**(54)** MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD  
**(51)** Int. Cl.  
**G01R 31/02** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2014353729  
**(72)** Lee, Hyun Chang  
**(74)** Baldwins Intellectual Property

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**(71)** Lee, H.C.  
**(11)** AU-A-2019232857  
**(21)** 2019232857 **(22)** 19.09.2019  
**(54)** MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD  
**(51)** Int. Cl.  
**G01R 31/02** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2014353729  
**(72)** Lee, Hyun Chang  
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**(71)** Lee, H.C.  
**(11)** AU-A-2019232858  
**(21)** 2019232858 **(22)** 19.09.2019  
**(54)** MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD  
**(51)** Int. Cl.  
**G01R 31/02** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2014353729  
**(72)** Lee, Hyun Chang  
**(74)** Baldwins Intellectual Property

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**(71)** LG Electronics Inc.  
**(11)** AU-A-2019264561  
**(21)** 2019264561 **(22)** 12.11.2019  
**(54)** Cleaning apparatus  
**(51)** Int. Cl.  
**A47L 5/24** ( 2006.01 )  
**A47L 9/12** ( 2006.01 )  
**A47L 9/14** ( 2006.01 )  
**A47L 9/16** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 9/32** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2017244263  
**(72)** Nam, Bohyun; Hwang, Jungbae; Kim, Jinju; Kim, Namhee; An, Hyeonjeong; Hwang, Philjae; Hwang, Mantae; Sung, Eunji; Lee, Taekgi  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Lin, K.  
**(11)** AU-A-2019203365  
**(21)** 2019203365 **(22)** 14.05.2019  
**(54)** OPERATION METHOD OF LIGHTING SYSTEM  
**(51)** Int. Cl.  
**H05B 37/00** ( 2006.01 )  
**(31)** 201810460707.9 **(32)** 15.05.18 **(33)** CN  
**(43)** 05.12.2019  
**(72)** Lin, Kuo-Tsun  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Lin, K.  
**(11)** AU-A-2019203366  
**(21)** 2019203366 **(22)** 14.05.2019  
**(54)** LIGHTING SYSTEM  
**(51)** Int. Cl.  
**H05B 37/00** ( 2006.01 )  
**(31)** 201810461140.7 **(32)** 15.05.18 **(33)** CN  
**(43)** 05.12.2019  
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**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Livnat, G.  
**(11)** AU-A-2019264655  
**(21)** 2019264655 **(22)** 15.11.2019  
**(54)** Intubation Accessory  
**(51)** Int. Cl.  
**A61B 1/05** ( 2006.01 )  
**A61M 16/04** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2014376810  
**(72)** Livnat, Guy  
**(74)** Spruson & Ferguson

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**(71)** LJ Mila Pty Ltd  
**(11)** AU-A-2019264559  
**(21)** 2019264559 **(22)** 12.11.2019  
**(54)** Breastfeeding aid  
**(51)** Int. Cl.  
**A47D 13/02** ( 2006.01 )  
**A41B 13/06** ( 2006.01 )  
**A47D 13/08** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2015222699  
**(72)** Schofield, Anna Christine  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Lockheed Martin Corporation  
**(11)** AU-A-2019261815  
**(21)** 2019261815 **(22)** 08.11.2019  
**(54)** Efficient heat transfer from conduction-cooled circuit cards  
**(51)** Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**(43)** 05.12.2019  
**(62)** 2015219268  
**(72)** Stutzman, Randall J.; Dando III, Charles H.; Long, Clint  
**(74)** Davies Collison Cave Pty Ltd

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**Ludwig Institute for Cancer Research Ltd. see Universite Catholique de Louvain**  
**(21)** 2019268046

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**(71)** Lummus Technology LLC  
**(11)** AU-A-2019264613  
**(21)** 2019264613 **(22)** 14.11.2019  
**(54)** OXIDATIVE COUPLING OF METHANE IMPLEMENTATIONS FOR OLEFIN PRODUCTION  
**(51)** Int. Cl.  
**C07C 2/82** ( 2006.01 )  
**C07C 2/08** ( 2006.01 )  
**C07C 2/84** ( 2006.01 )



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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Magic Leap, Inc.  
 (11) AU-A-2019261725  
 (21) 2019261725 (22) 06.11.2019  
 (54) Virtual and augmented reality systems and methods  
 (51) Int. Cl.  
 H04J 14/00 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017254800  
 (72) Schowengerdt, Brian  
 (74) Davies Collison Cave Pty Ltd

(71) MasterCard International Incorporated  
 (11) AU-A-2019261819  
 (21) 2019261819 (22) 08.11.2019  
 (54) Method and system for processing blockchain-based transactions on existing payment networks  
 (51) Int. Cl.  
 G06Q 20/06 ( 2012.01 )  
 G06Q 20/36 ( 2012.01 )  
 G06Q 20/38 ( 2012.01 )  
 (43) 05.12.2019  
 (62) 2016263003  
 (72) Davis, Steven Charles  
 (74) Spruson & Ferguson

(71) MasterCard International Incorporated  
 (11) AU-A-2019264612  
 (21) 2019264612 (22) 14.11.2019  
 (54) Method and system for fraud control of blockchain-based transactions  
 (51) Int. Cl.  
 G06Q 40/02 ( 2012.01 )  
 G06Q 20/02 ( 2012.01 )  
 G06Q 20/06 ( 2012.01 )  
 G06Q 20/22 ( 2012.01 )  
 G06Q 20/24 ( 2012.01 )  
 G06Q 20/40 ( 2012.01 )  
 (43) 05.12.2019  
 (62) 2016263002  
 (72) DAVIS, Steven Charles  
 (74) Spruson & Ferguson

(71) MasterCard International Incorporated  
 (11) AU-A-2019264670  
 (21) 2019264670 (22) 15.11.2019  
 (54) Electronic wallet apparatus, method, and computer program product  
 (51) Int. Cl.  
 G06Q 20/36 ( 2012.01 )  
 G06Q 20/12 ( 2012.01 )  
 (43) 05.12.2019  
 (62) 2017254850  
 (72) PARDO, David; SHEKARAN, Anand; ALBA, Jose A.; SHAON, Michael J.;

MUSIL, Aimee G.; AMEISS, Michael S.; KITCHEN, Eric R.  
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 (21) 2019264572

(71) MCBEAN, J.; NARENDRAN, K.  
 (11) AU-A-2019264569  
 (21) 2019264569 (22) 12.11.2019  
 (54) Child feeding system  
 (51) Int. Cl.  
 A61J 9/00 ( 2006.01 )  
 A61J 11/04 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018229542  
 (72) MCBEAN, John M.; NARENDRAN, Kailas N.  
 (74) Griffith Hack

(71) MedicalTree Patent Ltd  
 (11) AU-A-2019261818  
 (21) 2019261818 (22) 08.11.2019  
 (54) Implantable medical device for lubrication of a synovial joint and method for implanting the device  
 (51) Int. Cl.  
 A61F 2/30 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2017200767  
 (72) Forsell, Peter  
 (74) WRAYS PTY LTD

(71) MedImmune, LLC; Humabs Biomed SA  
 (11) AU-A-2019261828  
 (21) 2019261828 (22) 11.11.2019  
 (54) NEUTRALIZING ANTI-INFLUENZA A ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
 A61P 31/16 ( 2006.01 )  
 A61K 39/42 ( 2006.01 )  
 C07K 16/00 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2014329609  
 (72) Benjamin, Ebony; Kallewaard-Lelay, Nicole; McAuliffe, Josephine Mary; Palmer-Hill, Frances; Wachter, Leslie; Yuan, Andy; Zhu, Qing; Corti, Davide; Lanzavecchia, Antonio; Guarino, Barbara; Demarco, Anna  
 (74) Phillips Ormonde Fitzpatrick

(71) Medtronic Navigation, Inc.  
 (11) AU-A-2019264657  
 (21) 2019264657 (22) 15.11.2019  
 (54) Electromagnetic coil arrangements for surgical navigation and manufacturing methods  
 (51) Int. Cl.  
 A61B 17/00 ( 2006.01 )  
 H01F 5/02 ( 2006.01 )  
 H01F 41/06 ( 2006.01 )

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 (62) 2014257392  
 (72) Wald, Andrew; Burg, Bruce M.; Hartmann, Steven L.; Jacobsen, Brad; Swetnam, Jeffrey  
 (74) FB Rice Pty Ltd

(71) Membrane Technology and Research, Inc.; New York University  
 (11) AU-A-2019264627  
 (21) 2019264627 (22) 14.11.2019  
 (54) Gas separation membranes based on fluorinated and perfluorinated polymers  
 (51) Int. Cl.  
 B01D 53/22 ( 2006.01 )  
 B01D 71/32 ( 2006.01 )  
 B01D 71/34 ( 2006.01 )  
 B01D 71/36 ( 2006.01 )  
 B01D 71/44 ( 2006.01 )  
 B01D 71/76 ( 2006.01 )

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 (62) 2016256415  
 (72) MERKEL, Timothy C.; ZHANG, Hao; HE, Zhenjie; OKAMOTO, Yoshiyuki  
 (74) Griffith Hack

(71) Meso Scale Technologies, LLC  
 (11) AU-A-2019264678  
 (21) 2019264678 (22) 15.11.2019  
 (54) IMPROVED ASSAY METHODS  
 (51) Int. Cl.  
 G01N 33/53 ( 2006.01 )  
 G01N 33/532 ( 2006.01 )  
 G01N 33/58 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2014244010  
 (72) Aghvanyan, Anahit; Glezer, Eli N.; Kenten, John; Sigal, George; Stengelin, Martin  
 (74) Phillips Ormonde Fitzpatrick

(71) Metecno Pty Ltd  
 (11) AU-A-2019264557  
 (21) 2019264557 (22) 12.11.2019  
 (54) Insulating panel  
 (51) Int. Cl.  
 E04C 2/292 ( 2006.01 )  
 E04B 1/80 ( 2006.01 )  
 E04C 2/32 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2014202168  
 (72) McNally, Jacob; Anderton, Darryl  
 (74) Spruson & Ferguson

(71) Microport Orthopedics Holdings Inc.  
 (11) AU-A-2019261830  
 (21) 2019261830 (22) 11.11.2019  
 (54) Orthopedic surgical guide  
 (51) Int. Cl.  
 A61B 17/17 ( 2006.01 )  
 A61B 17/15 ( 2006.01 )  
 (43) 05.12.2019  
 (62) 2018204063  
 (72) MICHAEL, Carroll; OBERT, Richard; STEMNISKI, Paul M.  
 (74) Spruson & Ferguson

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(21) 2019264562

(71) Motorola Solutions, Inc.  
(11) AU-A-2019264520  
(21) 2019264520 (22) 11.11.2019  
(54) METHOD FOR PROCESSING SOLI-  
CITED MULTIMEDIA FILES

(51) Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**H04W 4/90** ( 2018.01 )

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(62) 2016271265  
(72) Mafera, Paul F.; Benson, Brian R.;  
Doulos, Kenneth W.; Meyer, Richard  
Charles; Chandra, Vidya Sagar Pitta  
Eswara  
(74) Phillips Ormonde Fitzpatrick

(71) MuPharma Pty Ltd  
(11) AU-A-2019268048  
(21) 2019268048 (22) 18.11.2019  
(54) Non-invasive agent applicator  
(51) Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
(43) 05.12.2019  
(62) 2018203521  
(72) UNGER, Harry; UNGER, Mark; LAN-  
GELIER, Sean Michael  
(74) Spruson & Ferguson

(71) NANOBACTERIE  
(11) AU-A-2019203410  
(21) 2019203410 (22) 15.05.2019  
(54) Magnetic nanoparticles sequentially ir-  
radiated by laser radiation for medical  
or chemical or biological or cosmetic  
applications  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 33/24** ( 2019.01 )  
**A61K 33/26** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(31) 18020211.1 (32) 16.05.18 (33) EP  
18020623.7 29.11.18 EP  
(43) 05.12.2019  
(72) Alphandéry, Edouard  
(74) FPA Patent Attorneys Pty Ltd

**Nant Holdings IP, LLC see Nantomics, LLC**  
(21) 2019261808

(71) Nantomics, LLC; Nant Holdings IP, LLC  
(11) AU-A-2019261808  
(21) 2019261808 (22) 08.11.2019  
(54) SYSTEMS AND METHODS FOR  
COMPREHENSIVE ANALYSIS OF  
MOLECULAR PROFILES ACROSS  
MULTIPLE TUMOR AND GERMLINE  
EXOMES  
(51) Int. Cl.  
**G16H 50/20** ( 2018.01 )

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(62) 2018201019  
(72) Rabizadeh, Shahrooz; Soon-Sh-  
iong, Patrick; Sanborn, John Zachary;  
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Charles  
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(21) 2019264569

(71) NAVICO HOLDING AS  
(11) AU-A-2019203322  
(21) 2019203322 (22) 13.05.2019  
(54) MARINE ELECTRONIC DEVICE  
FOR PRESENTMENT OF NAUTICAL  
CHARTS AND SONAR IMAGES  
(51) Int. Cl.  
**G01C 21/30** ( 2006.01 )  
**B63B 49/00** ( 2006.01 )  
**G01S 15/00** ( 2006.01 )  
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(11) AU-A-2019264606  
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(54) Mitigating drift in audiovisual assets  
(51) Int. Cl.  
**G11B 27/02** ( 2006.01 )  
**H04N 5/262** ( 2006.01 )  
**H04N 21/234** ( 2011.01 )  
**H04N 21/2368** ( 2011.01 )  
**H04N 21/434** ( 2011.01 )  
**H04N 21/44** ( 2011.01 )  
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(74) FPA Patent Attorneys Pty Ltd

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nology and Research, Inc.**  
(21) 2019264627

(71) Northwestern University  
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(54) Treating brain disorders and biomarkers  
related thereto  
(51) Int. Cl.  
**A61B 5/055** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
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**C07K 16/36** ( 2006.01 )  
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Melkko, Samu; Schiering, Nikolaus  
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2019264577  
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(54) Blender including noise blocking device  
(51) Int. Cl.  
**A47J 43/046** ( 2006.01 )  
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(74) FB Rice Pty Ltd

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(54) Percutaneous system, devices and  
methods  
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**A61B 17/11** ( 2006.01 )  
**A61M 1/12** ( 2006.01 )  
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(62) 2015233534  
(72) TUSETH, Vegard  
(74) Spruson & Ferguson

(71) NUVERA FUEL CELLS, LLC  
(11) AU-A-2019264550  
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purified gas using an electrochemical  
cell  
(51) Int. Cl.  
**C01B 3/50** ( 2006.01 )  
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(74) Griffith Hack

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**A63B 67/06** ( 2006.01 )  
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(54) Mobility aid  
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**A61H 1/02** ( 2006.01 )

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**G06F 21/31** ( 2013.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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**A61K 31/352** ( 2006.01 )  
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**A61P 1/04** ( 2006.01 )  
**A61P 1/08** ( 2006.01 )  
**A61P 5/48** ( 2006.01 )  
**A61P 15/02** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**A61P 25/08** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A61P 25/20** ( 2006.01 )  
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**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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**A61P 27/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )

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 (74) Gregory Rex Pescod

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 (54) Substituted carbonucleoside derivatives useful as anticancer agents  
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**C07D 239/42** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 239/84** ( 2006.01 )  
**C07D 251/18** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )

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 (74) Allens Patent & Trade Mark Attorneys

(71) Precision Planting LLC  
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 (54) Seed meter  
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**B65G 59/04** ( 2006.01 )  
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 (72) SAUDER, Derek A.  
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**A61K 9/06** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 47/14** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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**G06N 20/00** ( 2019.01 )  
**G06N 3/08** ( 2006.01 )  
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 (54) INTERACTIVE ORGANIZATION OF COMMENTS ON AN ONLINE SOCIAL PLATFORM  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**C04B 35/622** ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.

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 (54) MASK SYSTEM  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
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**Robitaille, M. see Sidhu, S.**  
 (21) 2019264562

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 (54) Above ground burial structure  
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 (74) Spruson & Ferguson

(71) ROTHENBUHLER ENGINEERING CO.  
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 (54) RFD with history log, security fence, and seismic detection  
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**G08B 21/22** ( 2006.01 )

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 TAFT, Richard Blocker  
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 (54) APPLICATION DEPLOYMENT  
 (51) Int. Cl.  
*G06F 8/61* ( 2018.01 )  
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 (72) Thomas, Leslie James  
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 neural cells and pharmaceutical com-  
 position comprising dopaminergic neur-  
 al cells for treatment of Parkinson's dis-  
 ease  
 (51) Int. Cl.  
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 (74) FB Rice Pty Ltd

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 MEDICAL CENTER CORPORATION  
 (11) AU-A-2019264599  
 (21) 2019264599 (22) 14.11.2019  
 (54) Compositions and methods for modu-  
 lating cell signaling  
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 monitoring restroom appliances  
 (51) Int. Cl.  
*E03D 5/10* ( 2006.01 )  
*E03D 1/30* ( 2006.01 )  
*E03D 3/00* ( 2006.01 )  
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 R.  
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 PARENTS THEREOF  
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*A01H 6/82* ( 2018.01 )  
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 (54) Improvements in RFID Tracking  
 (51) Int. Cl.  
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 Fernando, Muthuthanthreege Lasith  
 Eranga; Singh, Jugdutt  
 (74) Watermark Intellectual Property Pty Ltd

(71) Server Technology, Inc.  
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 (54) Method and apparatus for multiple input  
 power distribution to adjacent outputs  
 (51) Int. Cl.  
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 Maskaly, James P.  
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 gers, S.  
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 methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
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 ROBITAILLE, Melanie; ANGERS,  
 Stephane  
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 (11) AU-A-2019264591  
 (21) 2019264591 (22) 13.11.2019  
 (54) RNA interference mediated inhibition  
 of hepatitis B virus (HBV) gene expres-  
 sion using short interfering nucleic acid  
 (siNA)  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
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 ROBINSON, Michael  
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 method thereof  
 (51) Int. Cl.  
*C08L 67/02* ( 2006.01 )  
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 packaged Frozen Smoothie Products A  
 method for providing smoothies to con-

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- sumers and to retail businesses for re-sale without the need for a blender is disclosed.
- (51) Int. Cl.  
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(74) Lisa Smith
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(51) Int. Cl.  
**H01R 13/66** ( 2006.01 )  
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(74) Griffith Hack
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(54) Capillary assisted vitrification processes and devices  
(51) Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**A01N 1/00** ( 2006.01 )
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(54) AROMATIC-CATIONIC PEPTIDES AND USES OF SAME  
(51) Int. Cl.  
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**A61K 38/07** ( 2006.01 )
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**E06C 1/383** ( 2006.01 )  
**E06C 1/18** ( 2006.01 )  
**E06C 7/02** ( 2006.01 )  
**E06C 7/08** ( 2006.01 )
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(54) Shingled solar module employing hidden taps  
(51) Int. Cl.  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/05** ( 2006.01 )  
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(51) Int. Cl.  
**H01L 31/042** ( 2006.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/05** ( 2006.01 )  
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(54) ANTI-CD38 ANTIBODIES  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )
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(74) Griffith Hack
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- (71) Tersus Pharmaceuticals, LLC  
(11) AU-A-2019264531  
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(54) Compositions and methods comprising C16:1n7-palmitoleate  
(51) Int. Cl.  
**A01N 31/00** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )
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(51) Int. Cl.  
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(54) Multi-use optical data, powerline data, and ground power interface for airplane factory automation  
(51) Int. Cl.  
**H04L 29/04** ( 2006.01 )  
**G05B 19/418** ( 2006.01 )  
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*B32B 5/08* (2006.01)  
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CLOSURE DEVICE  
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**C12N 1/20** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
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**A01N 63/02** ( 2006.01 )  
**A01N 63/04** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**B09C 1/10** ( 2006.01 )  
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FOUNDATION  
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SYSTEM AND ASSOCIATED METH-  
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PLURIPOTENT STEM CELLS TO  
PANCREATIC ENDODERM CELLS  
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**C07D 209/96** ( 2006.01 )  
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(71) XSB, Inc.  
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**B29C 45/16** ( 2006.01 )  
**B29B 11/08** ( 2006.01 )  
**B29C 45/76** ( 2006.01 )  
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 (74) A.P.T. Patent and Trade Mark Attorneys

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 (54) DEVICE FOR SENSING IMPLANT LOCATION AND IMPINGEMENT  
 (51) Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61F 2/32** ( 2006.01 )  
**A61F 2/34** ( 2006.01 )  
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2018203386	Smith, L.	2019203439	CATTANEO, P.
2018203426	EMBERTEC PTY LTD	2019203440	Integral Care Technologies Ltd; Whittington, M.
2018203438	Wong, K.	2019203471	RAYTHEON COMPANY
2018203439	Wong, K.	2019203477	Verathon Inc.
2018203440	Wong, K.	2019203487	Ultratec, Inc.
2018203452	Aristocrat Technologies Australia Pty Limited	2019203499	Bollinger Motors, LLC
2018203459	ABLE DEFENCE LAWYERS PTY LIMITED	2019203506	The Raymond Corporation
2018203504	Commonwealth Scientific and Industrial Research Organisation	2019203520	Biosense Webster (Israel) Ltd.
2018203509	Apotex Inc.	2019203567	The Boeing Company
2018203541	Wong, K.	2019203571	Boyle, N.; Boyle, P.
2018203549	Aristocrat Technologies Australia Pty Limited	2019203575	Byrne, D.
2018203554	BENNETT, N.	2019222952	SunPower Corporation
2018203573	Horton, D.	2019232856	Lee, H.C.
2018204646	Research Institute of Tsinghua University in Shenzhen; Tsinghua Innovation Center in Dongguan	2019232857	Lee, H.C.
2018204673	EasyMarkit Software Inc.	2019232858	Lee, H.C.
2018205116	SKC Co., Ltd.	2019240547	S-Biomedics
2018250521	Adobe Inc.	2019253908	Intex Holdings Pty Ltd
2018256543	Intelligent Synthetic Biology Center	2019257446	EVERY DENNISON CORPORATION
2018271249	SAHARA CO., LTD.	2019257471	Illinois Tool Works Inc.
2018346901	Adeka Corporation	2019261689	BOE Technology Group Co., Ltd.
2018350299	SAS Systems Australia Pty Ltd	2019261725	Magic Leap, Inc.
2018386360	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2019261769	Boehringer Ingelheim Animal Health USA Inc.
2018400527	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2019261808	Nantomics, LLC; Nant Holdings IP, LLC
2018411478	Whenzhou Zhongxi Import and Export Co. Ltd	2019261814	Amazon Technologies, Inc.
2018422118	OmniGames, Inc.	2019261815	Lockheed Martin Corporation
2019200414	Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd	2019261818	MedicalTree Patent Ltd
2019200951	Adobe Inc.	2019261819	MasterCard International Incorporated
2019201600	Deere & Company	2019261820	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2019202627	Deere & Company; Ribouleau Monosem	2019261822	Aristocrat Technologies Australia Pty Limited
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2019203078	HONEYWELL INTERNATIONAL INC.	2019261826	Uber Technologies, Inc.
2019203082	Aristocrat Technologies Australia Pty Limited	2019261827	Server Technology, Inc.
2019203091	Frank's International, LLC	2019261828	MedImmune, LLC; Humabs Biomed SA
2019203121	SUN, S.	2019261829	Somnio Global Holdings, LLC
2019203131	Rootwood General Cemeteries Reserve Land Manager	2019261830	Microport Orthopedics Holdings Inc.
2019203135	IGT	2019264514	Novartis AG
2019203163	Caterpillar Inc.	2019264515	Cargill, Incorporated
2019203177	Caterpillar Inc.	2019264516	PayPal, Inc.
2019203180	Toshiba Infrastructure Systems & Solutions Corporation; Kabushiki Kaisha Toshiba	2019264517	Becton, Dickinson and Company
2019203189	Aristocrat Technologies Australia Pty Limited	2019264519	Allergan, Inc.
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2019203343	Biosense Webster (Israel) Ltd.	2019264531	Tersus Pharmaceuticals, LLC
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		2019264562	Sidhu, S.; Moffat, J.; Robitaille, M.; Angers, S.

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2019264563	Dropbox, Inc.	2019264686	AvenTOM Limited
2019264565	Briggs & Stratton Corporation	2019264689	AVENTOM LIMITED
2019264567	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2019265224	Coombes, R.
2019264568	Aristocrat Technologies Australia Pty Limited	2019268039	Battelle Memorial Institute
2019264569	MCBEAN, J.; NARENDRAN, K.	2019268042	FEMPULSE, LLC; HAESSLER, A.
2019264572	Vivonics, Inc.; Mayo Foundation for Medical Education and Research	2019268043	University of Massachusetts
		2019268044	Boston Scientific Scimed, Inc.
2019264573	Takeda Pharmaceutical Company Limited	2019268046	Universite Catholique de Louvain; Ludwig Institute for Cancer Research Ltd.; argenx SE
2019264575	Synthon Biopharmaceuticals B.V.	2019268048	MuPharma Pty Ltd
2019264577	NUC Electronics Co., Ltd.	2019268049	FWP IPA APS
2019264578	SDB IP Holdings, LLC	2019268050	Janssen Pharmaceutica NV
2019264579	F. Hoffmann-La Roche AG	2019268052	FWP IP APS
2019264582	Agdia Inc	2019268055	Beijing Unistrong Science & Technology Co., Ltd.
2019264583	Northwestern University	2019268059	Renaissance Learning, Inc.
2019264584	Precision Planting LLC		
2019264585	THALES		
2019264588	Grifols Worldwide Operations Limited		
2019264589	Aristocrat Technologies Australia Pty Limited		
2019264591	Sirna Therapeutics, Inc.		
2019264592	Geographe Enterprises Pty Ltd		
2019264594	Aristocrat Technologies Australia Pty Limited		
2019264595	ImmunoGen, Inc.		
2019264596	Gen9, Inc.		
2019264598	UlikeKorea Co., Inc		
2019264599	SCHOLAR ROCK, INC.; CHILDREN'S MEDICAL CENTER CORPORATION		
2019264600	Children's Hospital & Research Center at Oakland		
2019264601	Ionis Pharmaceuticals, Inc.; AstraZeneca AB		
2019264604	Abyssal S.A.		
2019264606	Netflix, Inc.		
2019264608	Suzhou Autoway System Co., Ltd.		
2019264611	ResMed Pty Ltd		
2019264612	MasterCard International Incorporated		
2019264613	Lummus Technology LLC		
2019264619	University of Saskatchewan		
2019264623	Apple Inc.		
2019264624	Gilead Pharmasset LLC		
2019264626	VACREST PTY LTD		
2019264627	Membrane Technology and Research, Inc.; New York University		
2019264631	Astellas Institute for Regenerative Medicine		
2019264632	The Mosaic Company		
2019264634	ROTHENBUHLER ENGINEERING CO.		
2019264635	Aristocrat Technologies Australia Pty Limited		
2019264636	Australian Ramp Systems Pty Ltd		
2019264637	Cantor Index LLC		
2019264640	Pfizer Inc.		
2019264641	X-Rx, Inc		
2019264642	Dolby International AB		
2019264644	Aristocrat Technologies Australia Pty Limited		
2019264645	Amgen Inc.		
2019264647	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.		
2019264648	R.P. Scherer Technologies, LLC		
2019264649	Dolby Laboratories Licensing Corporation		
2019264651	XSB, Inc.		
2019264653	Stealth Peptides International, Inc.		
2019264654	Snap-on Incorporated		
2019264655	Livnat, G.		
2019264656	Apple Inc.		
2019264657	Medtronic Navigation, Inc.		
2019264658	ViaCyte, Inc.		
2019264664	Flow Forward Medical, Inc.		
2019264665	The Boeing Company		
2019264666	Aristocrat Technologies Australia Pty Limited		
2019264667	Angros, L.		
2019264670	MasterCard International Incorporated		
2019264671	KCI Licensing, Inc.		
2019264673	Dana-Farber Cancer Institute, Inc.		
2019264678	Meso Scale Technologies, LLC		
2019264680	The Scripps Research Institute		
2019264685	Herlev Hospital; Immudex ApS		

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**No IPC Mark**

Innovation Patents Open to Public Inspection

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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.)

<p>(71) ALL PURPOSE PUMPS PTY LTD                      (11) AU-A-2019101107                      (21) 2019101107 (22) 25.09.2019                      (54) PIT ASSEMBLY FOR A PUMPING STATION                      (51) Int. Cl.  <i>F04B 47/08</i> ( 2006.01 )  <i>F04B 7/02</i> ( 2006.01 )  <i>F04B 19/04</i> ( 2006.01 )  <i>F04B 49/22</i> ( 2006.01 )                      (45) 05.12.2019                      (62) 2019236621                      (72) MILLOTT, Russell                      (74) Baxter Patent Attorneys Pty Ltd</p>	<p><i>G06Q 10/00</i> ( 2006.01 )                      (31) 201610401942.X (32) 06.06.16 (33) CN                      201610436566.8 14.06.16 CN                      (45) 05.12.2019                      (72) Li, Junqin; Lu, Yanjun                      (74) Shelston IP Pty Ltd.</p>	<p>(45) 05.12.2019                      (72) LI, Xingong; WU, Yiqiang; LI, Xianjun; QING, Yan; ZUO, Yingfeng; HU, Liming; LIU, Ming                      (74) Burns IP &amp; Commercial Pty Ltd</p>
<p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2019101311                      (21) 2019101311 (22) 30.10.2019                      (54) ACTIVE TECHNOLOGY ENABLED SMART PACKAGING: Temperature and food safety control                      (51) Int. Cl.  <i>B65D 81/18</i> ( 2006.01 )  <i>B65D 5/42</i> ( 2006.01 )  <i>B65D 5/56</i> ( 2006.01 )  <i>B65D 79/02</i> ( 2006.01 )  <i>B65D 85/30</i> ( 2006.01 )  <i>G06Q 10/08</i> ( 2012.01 )  <i>G06Q 30/06</i> ( 2012.01 )  <i>H04W 4/70</i> ( 2018.01 )                      (45) 05.12.2019                      (72) Askew, Peter                      (74) AUSSIE FOOD TO YOU PTY LTD</p>	<p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.                      (11) AU-A-2017101872                      (21) 2017101872 (22) 14.03.2017                      (54) Systems and methods for distributing request for service                      (51) Int. Cl.  <i>G06Q 30/06</i> ( 2012.01 )                      (31) 201610345474.9 (32) 23.05.16 (33) CN                      (45) 05.12.2019                      (72) Zhang, Lingyu                      (74) Shelston IP Pty Ltd.</p>	<p>(71) CHED Services Pty Ltd                      (11) AU-A-2019101277                      (21) 2019101277 (22) 22.10.2019                      (54) Pole portion                      (51) Int. Cl.  <i>E04H 12/08</i> ( 2006.01 )  <i>B60L 53/30</i> ( 2019.01 )                      (45) 05.12.2019                      (72) Rachubinski, Robert Brett                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2019101312                      (21) 2019101312 (22) 30.10.2019                      (54) Fruit Juice Bulk Transport Technology                      (51) Int. Cl.  <i>G06Q 10/08</i> ( 2012.01 )  <i>B65B 31/00</i> ( 2006.01 )  <i>B65B 55/19</i> ( 2006.01 )  <i>B65D 81/20</i> ( 2006.01 )  <i>B65D 81/24</i> ( 2006.01 )  <i>G01N 33/14</i> ( 2006.01 )  <i>G06Q 10/06</i> ( 2012.01 )  <i>G06Q 10/10</i> ( 2012.01 )                      (45) 05.12.2019                      (72) Askew, Peter                      (74) AUSSIE FOOD TO YOU PTY LTD</p>	<p>(71) Beijing Ruicao Technology Co., Ltd                      (11) AU-A-2019101031                      (21) 2019101031 (22) 09.09.2019                      (54) Compound American ginseng royal jelly oral liquid for treating deficiency of blood and preparation method thereof                      (51) Int. Cl.  <i>A61K 36/258</i> ( 2006.01 )  <i>A61K 35/644</i> ( 2015.01 )  <i>A61K 36/79</i> ( 2006.01 )                      (31) 2018113468662 (32) 13.11.18 (33) CN                      (45) 05.12.2019                      (72) Sun, Zaiming; Sun, Sinan                      (74) Beijing Ruicao Technology Co., Ltd</p>	<p>(71) CyanoGuard AG                      (11) AU-A-2019101307                      (21) 2019101307 (22) 29.10.2019                      (54) METHOD AND KIT FOR DETECTION OF CYANIDE                      (51) Int. Cl.  <i>G01N 31/22</i> ( 2006.01 )  <i>C07H 23/00</i> ( 2006.01 )                      (45) 05.12.2019                      (62) 2018268390                      (72) Kirchgassler, Benedikt Fabian Quirin; Cherbuin, Mathias; Sonnay, Marjorie                      (74) Phillips Ormonde Fitzpatrick</p>
<p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2019101310                      (21) 2019101310 (22) 30.10.2019                      (54) EVIDENCE-BASED EARLY DETECTION DIGITAL HEALTH TECHNOLOGY                      (51) Int. Cl.  <i>G16H 20/00</i> ( 2018.01 )                      (45) 05.12.2019                      (72) Biddle, Robert Kelvin                      (74) Robert Kelvin Biddle</p>	<p>(71) Biddle, R.                      (11) AU-A-2019101127                      (21) 2019101127 (22) 29.09.2019                      (54) EVIDENCE-BASED EARLY DETECTION DIGITAL HEALTH TECHNOLOGY                      (51) Int. Cl.  <i>G16H 20/00</i> ( 2018.01 )                      (45) 05.12.2019                      (72) Biddle, Robert Kelvin                      (74) Robert Kelvin Biddle</p>	<p>(71) Elsteel (Private) Ltd.                      (11) AU-A-2019101295                      (21) 2019101295 (22) 24.10.2019                      (54) Method of building cost-effective multi-compartment electrical enclosure                      (51) Int. Cl.  <i>H05K 5/02</i> ( 2006.01 )  <i>H05K 7/14</i> ( 2006.01 )  <i>H05K 7/18</i> ( 2006.01 )                      (45) 05.12.2019                      (72) Alexeev, Peter                      (74) Elsteel (Private) Ltd.</p>
<p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.                      (11) AU-A-2017101870                      (21) 2017101870 (22) 05.04.2017                      (54) Systems and methods for allocating appointment orders                      (51) Int. Cl.  <i>B28C 9/00</i> ( 2006.01 )                      (31) 201910664891.3 (32) 23.07.19 (33) CN</p>	<p>(71) Central South University of Forestry and Technology                      (11) AU-A-2019101310                      (21) 2019101310 (22) 30.10.2019                      (54) SYNCHRONOUS BALANCING SYSTEM FOR SINGLE-LAYER HOT PRESS CYLINDER                      (51) Int. Cl.  <i>B28C 9/00</i> ( 2006.01 )                      (31) 201910664891.3 (32) 23.07.19 (33) CN</p>	<p>(71) Form 700 Pty Ltd                      (11) AU-A-2015101975                      (21) 2015101975 (22) 19.05.2015                      (54) A JOINER                      (51) Int. Cl.  <i>E04G 7/30</i> ( 2006.01 )  <i>E04G 1/06</i> ( 2006.01 )  <i>E04G 7/00</i> ( 2006.01 )  <i>E04G 7/32</i> ( 2006.01 )  <i>E04G 7/34</i> ( 2006.01 )  <i>E04G 11/48</i> ( 2006.01 )                      (31) 2014901861 (32) 19.05.14 (33) AU                      (45) 05.12.2019                      (72) Rosati, Emilio                      (74) Madderns Pty Ltd</p>

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 (54) HOUSING FOR RECESSED CONDUIT RETICULATION AND A METHOD FOR RETICULATING A RECESSED CONDUIT  
 (51) Int. Cl.  
*E04B 5/48* ( 2006.01 )  
*E04F 17/08* ( 2006.01 )  
*F16L 1/024* ( 2006.01 )  
*F16L 3/02* ( 2006.01 )  
*F16L 5/00* ( 2006.01 )  
 (31) 2014900692 (32) 03.03.14 (33) AU  
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 (72) ALAFACI, Anthony  
 (74) Baxter Patent Attorneys Pty Ltd
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 (21) 2015101971 (22) 20.02.2015  
 (54) A PIPE CAP OR SUBSTANTIALLY REDUCING THE INGRESS OF DEBRIS INTO A PIPE AND A PIPE CAP KIT FOR SUBSTANTIALLY REDUCING THE INCREASE OF DEBRIS INTO PIPES HAVING DIFFERING DIAMETERS  
 (51) Int. Cl.  
*F16L 55/24* ( 2006.01 )  
*F16L 55/105* ( 2006.01 )  
*F16L 55/115* ( 2006.01 )  
 (31) 2014900616 (32) 26.02.14 (33) AU  
 (45) 05.12.2019  
 (72) ALAFACI, Anthony  
 (74) Baxter Patent Attorneys Pty Ltd
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 (11) AU-A-2019101309  
 (21) 2019101309 (22) 29.10.2019  
 (54) EXPANDABLE AND CONVERTIBLE TAILGATE APPARATUS FOR A VEHICLE  
 (51) Int. Cl.  
*B62D 33/027* ( 2006.01 )  
*B60R 9/06* ( 2006.01 )  
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 (72) Muller, Otto  
 (74) Summit IP
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- (71) Iavilaer Pty Ltd  
 (11) AU-A-2019101290  
 (21) 2019101290 (22) 24.10.2019  
 (54) Method of creating a building framework deck  
 (51) Int. Cl.  
*E04B 5/40* ( 2006.01 )  
*E04B 5/29* ( 2006.01 )  
*E04B 9/18* ( 2006.01 )  
 (45) 05.12.2019  
 (72) Jackson, Ian  
 (74) Armour IP Pty Ltd
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- (71) Icon23 Pty Ltd  
 (11) AU-A-2019101291  
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 (54) A peg stabiliser  
 (51) Int. Cl.  
*E04H 12/22* ( 2006.01 )  
*E02D 5/80* ( 2006.01 )  
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 (31) 2018904037 (32) 24.10.18 (33) AU  
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 (72) Seale, Dallyn  
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- (71) Jiangxi Innovation and Technology Co., Ltd.  
 (11) AU-A-2019101305  
 (21) 2019101305 (22) 29.10.2019  
 (54) SUPERPOSITION TYPE MULTI-APPLICATION SCENARIO ANTENNA  
 (51) Int. Cl.  
*H01Q 1/00* ( 2006.01 )  
*H01Q 1/08* ( 2006.01 )  
*H01Q 9/00* ( 2006.01 )  
*H01Q 9/22* ( 2006.01 )  
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 (72) Liu, Xiao Bing; Li, Qin  
 (74) GBIP LIMITED
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- (71) Jiangxi Innovation and Technology Co., Ltd.  
 (11) AU-A-2019101306  
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 (54) NOVEL COMBINED UHF ANTENNA  
 (51) Int. Cl.  
*H01Q 1/00* ( 2006.01 )  
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 (45) 05.12.2019  
 (72) Liu, Xiao Bing; Li, Qin  
 (74) GBIP LIMITED
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- (71) Jianhua Construction Materials (China) Co., Ltd  
 (11) AU-A-2019101278  
 (21) 2019101278 (22) 22.10.2019  
 (54) PREFABRICATED HIGH-STRENGTH CONCRETE COMBINED PIER STRUCTURE AND CONSTRUCTION METHOD THEREOF  
 (51) Int. Cl.  
*E01D 19/02* ( 2006.01 )  
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 (72) Zhang, Yan; Jia, Yingjie; Chen, Qiao; Li, Shengyuan  
 (74) Madderns Pty Ltd
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- (71) Jilin University  
 (11) AU-A-2019101286  
 (21) 2019101286 (22) 24.10.2019  
 (54) BIONIC SURFACE STRUCTURE FOR ENHANCING EVAPORATION HEAT TRANSFER OF LIQUID FILM  
 (51) Int. Cl.  
*F28F 13/02* ( 2006.01 )  
*B01D 1/22* ( 2006.01 )  
*F28F 13/06* ( 2006.01 )
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- (45) 05.12.2019  
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 (74) Burns IP & Commercial Pty Ltd
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- (71) Korea Advanced Institute of Science and Technology  
 (11) AU-A-2018102147  
 (21) 2018102147 (22) 12.12.2018  
 (54) Method and apparatus for super-resolution using line unit operation  
 (51) Int. Cl.  
*G06T 3/00* ( 2006.01 )  
 (31) 10-2018-0091482 (32) 06.08.18 (33) KR  
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 (72) KIM, Mun Churl; KIM, Yong Woo; CHOI, Jae Seok  
 (74) Davies Collison Cave Pty Ltd
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- (71) LAI, C.  
 (11) AU-A-2019101301  
 (21) 2019101301 (22) 26.10.2019  
 (54) FLANGED PLATE TYPE OF BASE STRUCTURE  
 (51) Int. Cl.  
*E02D 5/54* ( 2006.01 )  
 (45) 05.12.2019  
 (72) LAI, CHENG-HSING  
 (74) Murray John Service
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- (71) Lazic, J.  
 (11) AU-A-2019100792  
 (21) 2019100792 (22) 22.07.2019  
 (54) Concrete wall construction system incorporating plastic interconnection clips and braces with bamboo plywood panels  
 (51) Int. Cl.  
*E04G 17/065* ( 2006.01 )  
*E04C 5/20* ( 2006.01 )  
 (31) 2018902669 (32) 24.07.18 (33) AU  
 (45) 05.12.2019  
 (72) Lazic, Joco  
 (74) The Trustee for LAZIC FAMILY TRUST
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- (71) LISTING LOOP PTY LTD  
 (11) AU-A-2019101303  
 (21) 2019101303 (22) 28.10.2019  
 (54) USER ACTIVITY TRACKING DEVICE, METHOD AND SYSTEM  
 (51) Int. Cl.  
*G06Q 50/16* ( 2012.01 )  
*G06Q 30/06* ( 2012.01 )  
 (31) 2018904072 (32) 26.10.18 (33) AU  
 (45) 05.12.2019  
 (72) DALLWITZ, Rhett Kyle; MEEHAN, Andrew John; LYNCH, Nicholas John  
 (74) Houlihan<sup>2</sup> Pty Ltd
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- (71) MacLennan, R.  
 (11) AU-A-2019101153  
 (21) 2019101153 (22) 30.09.2019  
 (54) Hand held paint bucket, designed specifically for use with brush and mini-

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roller. With a magnetic wall to hold your brush in place.  
**(51)** Int. Cl.  
**B44D 3/12** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** MacLennan, Ryan Gregory  
**(74)** Ryan Gregory MacLennan

**(71)** ORG Technology Co., Ltd  
**(11)** AU-A-2019101313  
**(21)** 2019101313 **(22)** 30.10.2019  
**(54)** CONTAINER FOR CONTAINING DRY POWDER SUBSTANCE  
**(51)** Int. Cl.  
**B65D 51/24** ( 2006.01 )  
**B65D 45/16** ( 2006.01 )  
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**(45)** 05.12.2019  
**(72)** Chen, Yufei; Chen, Bo  
**(74)** Madderns Pty Ltd

**(71)** OXTI CORPORATION  
**(11)** AU-A-2019101299  
**(21)** 2019101299 **(22)** 25.10.2019  
**(54)** SELF-POWER-PROVIDABLE EN-CLOSED-BODY  
**(51)** Int. Cl.  
**H04N 5/74** ( 2006.01 )  
**G03B 21/30** ( 2006.01 )  
**G03B 21/58** ( 2014.01 )  
**H02J 50/00** ( 2016.01 )  
**H05K 5/02** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** HO, CHIH FENG  
**(74)** Alfred Lei

**(71)** Ping An Technology(Shenzhen)Co.,Ltd.  
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**(21)** 2017101869 **(22)** 15.02.2017  
**(54)** Method, device, terminal and storage medium for data verification  
**(51)** Int. Cl.  
**G06F 21/00** ( 2013.01 )  
**(31)** 201611158961.0 **(32)** 15.12.16 **(33)** CN  
**(45)** 05.12.2019  
**(72)** Ding, Jie; Cai, Ning; Feng, Yuyang; Ling, Jian; Jiang, Yunpeng  
**(74)** Shelston IP Pty Ltd.

**(71)** PING AN TECHNOLOGY (SHENZHEN) CO., LTD.  
**(11)** AU-A-2017101873  
**(21)** 2017101873 **(22)** 30.06.2017  
**(54)** METHOD OF PLANNING TRAVEL ROUTE, PLANNING SERVER, AND STORAGE MEDIUM  
**(51)** Int. Cl.  
**G06Q 50/14** ( 2012.01 )  
**(31)** 201610705305.1 **(32)** 23.08.16 **(33)** CN  
**(45)** 05.12.2019  
**(72)** Wang, Xiaozhang  
**(74)** Madderns Pty Ltd

**(71)** Pro-Iroda Industries, Inc.  
**(11)** AU-A-2019101283

**(21)** 2019101283 **(22)** 23.10.2019  
**(54)** FLAME GUN WITH FLOW CONTROL RING  
**(51)** Int. Cl.  
**F23D 14/52** ( 2006.01 )  
**(31)** 107140148 **(32)** 13.11.18 **(33)** TW  
**(45)** 05.12.2019  
**(72)** Wei Cheng, Wu  
**(74)** Madderns Pty Ltd

**(71)** Ross, V.  
**(11)** AU-A-2019101284  
**(21)** 2019101284 **(22)** 23.10.2019  
**(54)** Organic Publishing  
**(51)** Int. Cl.  
**G06Q 50/18** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
**G06Q 50/20** ( 2012.01 )  
**(45)** 05.12.2019  
**(72)** Ross, Vincent  
**(74)** Vincent Ross

**(71)** Seeto, B.  
**(11)** AU-A-2019100877  
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**(54)** Simplified peer to peer energy trading platform.  
**(51)** Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**(45)** 05.12.2019  
**(72)** Seeto, Budd Ray Nathaniel  
**(74)** Budd Seeto

**(71)** Serkel Solutions Pty Ltd  
**(11)** AU-A-2019101298  
**(21)** 2019101298 **(22)** 25.10.2019  
**(54)** Plagiocephaly helmets and methods for manufacturing plagiocephaly helmets  
**(51)** Int. Cl.  
**A61F 5/01** ( 2006.01 )  
**(45)** 05.12.2019  
**(62)** PCT/AU2018/050385  
**(72)** Phillips, David; Shaw, Ken  
**(74)** FB Rice Pty Ltd

**(71)** Southeast University  
**(11)** AU-A-2019101317  
**(21)** 2019101317 **(22)** 30.10.2019  
**(54)** A Bi-level Game-Based Planning Framework for Distribution Networks with multiple Micro-girds  
**(51)** Int. Cl.  
**H02J 3/14** ( 2006.01 )  
**G06Q 40/04** ( 2012.01 )  
**G06Q 50/06** ( 2012.01 )  
**H02J 3/38** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** Wu, Zhi; Xu, Zheng; Gu, Wei; Zhou, Suyang; Liu, Pengxiang; Sun, Qirun  
**(74)** Southeast University

**(71)** SPIRIT HIVE TECHNOLOGIES PTY LTD  
**(11)** AU-A-2019101314  
**(21)** 2019101314 **(22)** 30.10.2019

**(54)** Spirit Hive Casks are hexagonal prism shaped casks, designed to be an improvement on conventional wooden barrel storage systems primarily in regards to 1.) space optimisation, 2.) durability and 3.) versatility.  
**(51)** Int. Cl.  
**B65D 21/02** ( 2006.01 )  
**B65D 6/28** ( 2006.01 )  
**B65D 6/40** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** Russo, Victor  
**(74)** SPIRIT HIVE TECHNOLOGIES PTY LTD

**(71)** Suvdoorstep Pty Ltd  
**(11)** AU-A-2019101304  
**(21)** 2019101304 **(22)** 28.10.2019  
**(54)** PORTABLE STEEL STOVE  
**(51)** Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**A47J 33/00** ( 2006.01 )  
**F24B 1/20** ( 2006.01 )  
**F24B 13/02** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** Qin, Pan  
**(74)** Madderns Pty Ltd

**(71)** TTI (Macao Commercial Offshore) Limited  
**(11)** AU-A-2019101294  
**(21)** 2019101294 **(22)** 24.10.2019  
**(54)** Speed control assembly  
**(51)** Int. Cl.  
**A01D 34/69** ( 2006.01 )  
**A01D 34/00** ( 2006.01 )  
**A01D 34/37** ( 2006.01 )  
**A01D 34/67** ( 2006.01 )  
**A01D 34/68** ( 2006.01 )  
**(45)** 05.12.2019  
**(62)** PCT/US2018/038970  
**(72)** FERRELL, James C.; COLBER, William E.; FENG, Dayu  
**(74)** Spruson & Ferguson

**(71)** WAINFIELD PTY. LTD.  
**(11)** AU-A-2019101315  
**(21)** 2019101315 **(22)** 30.10.2019  
**(54)** A METHOD AND APPARATUS  
**(51)** Int. Cl.  
**E04G 23/02** ( 2006.01 )  
**E02D 27/48** ( 2006.01 )  
**E02D 35/00** ( 2006.01 )  
**(31)** 2019903106 **(32)** 26.08.19 **(33)** AU  
**(45)** 05.12.2019  
**(72)** Flammea, Matthew Nick  
**(74)** BOSH IP Pty Ltd

**(71)** Wenzhou Medical University  
**(11)** AU-A-2019101308  
**(21)** 2019101308 **(22)** 29.10.2019  
**(54)** ANALYZING APPARATUS FOR AFTER CATARACT IN RABBIT EYES BASED ON IMAGE GRAY CALCULATION AND ANALYSIS, AND EVALUATION METHOD OF AFTER CATARACT SEVERITY  
**(51)** Int. Cl.



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**A61B 3/13** ( 2006.01 )  
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**(45)** 05.12.2019  
**(72)** LIN, Quankui; HAN, Yuemei; TANG,  
 Junmei  
**(74)** Burns IP & Commercial Pty Ltd

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**(71)** Wuhan Kaidi Engineering Technology  
 Research Institute Co., Ltd.  
**(11)** AU-A-2016102428  
**(21)** 2016102428 **(22)** 15.04.2016  
**(54)** Ultra high pressure cooling and purifi-  
 cation process and apparatus for oil pro-  
 duction biomass syngas  
**(51)** Int. Cl.  
**C10J 3/84** ( 2006.01 )  
**C10K 1/02** ( 2006.01 )  
**C10K 1/04** ( 2006.01 )  
**C10K 1/10** ( 2006.01 )  
**(31)** 201510355110.4 **(32)** 24.06.15 **(33)** CN  
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**(72)** Zhang, Yanfeng; Nie, Hongtao; Xia,  
 Minggui; Liu, Wenyan; Zhang, Liang  
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**(71)** Xinjiang Tianrun Biotechnology Co.,  
 Ltd.  
**(11)** AU-A-2018102146  
**(21)** 2018102146 **(22)** 26.07.2018  
**(54)** Preparation method for compound milk-  
 beer lyophilized fermentation microor-  
 ganism agent and use of same  
**(51)** Int. Cl.  
**C12N 1/16** ( 2006.01 )  
**C12C 12/00** ( 2006.01 )  
**C12R 1/645** ( 2006.01 )  
**C12R 1/865** ( 2006.01 )  
**(31)** 201810186371.1 **(32)** 07.03.18 **(33)** CN  
**(45)** 05.12.2019  
**(72)** Li, Xinling; Mou, Guangqing; Luo, Xiao-  
 hong; You, Hong  
**(74)** Shelston IP Pty Ltd.

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**(71)** Zhuhai Hermesin Enterprises CO.,LTD  
**(11)** AU-A-2019101302  
**(21)** 2019101302 **(22)** 28.10.2019  
**(54)** Novel Vertical Dehumidification Bag  
**(51)** Int. Cl.  
**B65D 33/01** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B01D 53/26** ( 2006.01 )  
**(45)** 05.12.2019  
**(72)** Lu, xi; Yin, Tai Xing  
**(74)** Admiral Trademarks & Patents Ser-  
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<b>2015101971</b>	Gemstash P/L
<b>2015101975</b>	Form 700 Pty Ltd
<b>2016102428</b>	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
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<b>2017101870</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>2017101872</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>2017101873</b>	PING AN TECHNOLOGY (SHENZHEN) CO., LTD.
<b>2018102146</b>	Xinjiang Tianrun Biotechnology Co., Ltd.
<b>2018102147</b>	Korea Advanced Institute of Science and Technology
<b>2019100792</b>	Lazic, J.
<b>2019100877</b>	Seeto, B.
<b>2019101031</b>	Beijing Ruicao Technology Co., Ltd
<b>2019101107</b>	ALL PURPOSE PUMPS PTY LTD
<b>2019101127</b>	Biddle, R.
<b>2019101153</b>	MacLennan, R.
<b>2019101277</b>	CHED Services Pty Ltd
<b>2019101278</b>	Jianhua Construction Materials (China) Co., Ltd
<b>2019101283</b>	Pro-Iroda Industries, Inc.
<b>2019101284</b>	Ross, V.
<b>2019101286</b>	Jilin University
<b>2019101290</b>	Iavilaer Pty Ltd
<b>2019101291</b>	Icon23 Pty Ltd
<b>2019101294</b>	TTI (Macao Commercial Offshore) Limited
<b>2019101295</b>	Elsteel (Private) Ltd.
<b>2019101298</b>	Serkel Solutions Pty Ltd
<b>2019101299</b>	OXTI CORPORATION
<b>2019101301</b>	LAI, C.
<b>2019101302</b>	Zhuhai Hermesin Enterprises CO.,LTD
<b>2019101303</b>	LISTING LOOP PTY LTD
<b>2019101304</b>	Suvdoorstep Pty Ltd
<b>2019101305</b>	Jiangxi Innovation and Technology Co., Ltd.
<b>2019101306</b>	Jiangxi Innovation and Technology Co., Ltd.
<b>2019101307</b>	CyanoGuard AG
<b>2019101308</b>	Wenzhou Medical University
<b>2019101309</b>	Granite Hill Holdings Pty Ltd
<b>2019101310</b>	Central South University of Forestry and Technology
<b>2019101311</b>	AUSSIE FOOD TO YOU PTY LTD
<b>2019101312</b>	AUSSIE FOOD TO YOU PTY LTD
<b>2019101313</b>	ORG Technology Co., Ltd
<b>2019101314</b>	SPIRIT HIVE TECHNOLOGIES PTY LTD
<b>2019101315</b>	WAINFIELD PTY. LTD.
<b>2019101317</b>	Southeast University

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2019101286	2019101307	2015101975	<b><u>G06F 21 /-</u></b>	
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<b><u>B65D 21 /-</u></b>	<b><u>E02D 5 /-</u></b>	2015101970	2019101303	
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- . (\*\*) Title not given

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 H01G 11/78 ( 2013.01 )  
 H02H 7/16 ( 2006.01 )  
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**B29C 70/68** ( 2006.01 )  
**B32B 5/28** ( 2006.01 )  
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 C07D 487/04 (2006.01)  
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**C25B 9/02** ( 2006.01 )  
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 C08F 2/48 (2006.01)  
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 A61P 17/14 (2006.01)  
 C07C 255/41 (2006.01)  
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**B32B 27/20** ( 2006.01 )  
**B44C 1/17** ( 2006.01 )  
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 al anesthetic, buffer, and glycosa-  
 minoglycan in syringe with improved  
 stability  
 (51) Int. Cl.

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**(51)** Int. Cl.  
**A23B 9/18** ( 2006.01 )  
**A01F 25/00** ( 2006.01 )  
**B65D 88/54** ( 2006.01 )  
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**E04H 7/22** ( 2006.01 )  
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**G01N 23/20** ( 2018.01 )  
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<b>2017413023</b>	Huawei Technologies Co., Ltd.	<b>2018254263</b>	APA- Advanced Technologies Ltd.
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<b>2017413260</b>	Hospital Clínic de Barcelona; Institut d'Investigacions Biomèdiques Augusti Pi I Sunyer (IDIBAPS)	<b>2018254481</b>	MedImmune, LLC
<b>2017413665</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2018254483</b>	Pint at Home, LLC
<b>2017413894</b>	Huawei Technologies Co., Ltd.	<b>2018254514</b>	Cap Diagnostics, LLC dba Pathnostics
<b>2017414006</b>	Shenzhen Hightide Biopharmaceutical, Ltd.	<b>2018254517</b>	University of Southern California
<b>2017414302</b>	Erqus & Quercia, S.L.; Jaureguibeitia Olalde, J.M.	<b>2018254570</b>	ZeniMax Media Inc.
<b>2017414764</b>	Vega Building Systems LLC	<b>2018254577</b>	Epizyme, Inc.
<b>2017414803</b>	Stem Cell Medicine Ltd.; Mapi Pharma Ltd.	<b>2018254601</b>	Terumo BCT, Inc.
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<b>2017417125</b>	Huawei Technologies Co., Ltd.	<b>2018254832</b>	Grant, S.; Wymer, A.; Wymer, S.
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<b>2017417488</b>	Intuit Inc.	<b>2018255043</b>	Toppan Printing Co., Ltd.
<b>2017418317</b>	Bristol-Myers Squibb Company	<b>2018255111</b>	Blackbelt Holding B.V.
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<b>2017423496</b>	Intuit Inc.	<b>2018255484</b>	GoPC Pty Ltd
<b>2017424116</b>	Intuit Inc.	<b>2018255486</b>	Bertani, R.L.
<b>2017425675</b>	Intuit Inc.	<b>2018255503</b>	Nanocellulose IP Pty Ltd
<b>2017426219</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018255509</b>	Zeonar Enterprises Pty Ltd
<b>2017426440</b>	Intuit Inc.	<b>2018255510</b>	Zeonar Enterprises Pty Ltd
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<b>2017427013</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018255955</b>	Dr. Reddy's Laboratories Limited
<b>2017427022</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018256237</b>	Good T Cells, Inc.
<b>2017428008</b>	Landmark Graphics Corporation	<b>2018256284</b>	National University of Singapore
<b>2017429426</b>	Komatsu Ltd.	<b>2018256288</b>	National Science and Technology Development Agency; Software Isara Ordinary Partnership
<b>2017429654</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018256354</b>	The University of Melbourne; Oxley, T.
<b>2017430204</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018256453</b>	The University of Chicago
<b>2017435485</b>	China University of Mining and Technology	<b>2018256754</b>	Fisher & Paykel Healthcare Limited
<b>2017435486</b>	China University of Mining and Technology	<b>2018256755</b>	Auckland UniServices Limited
<b>2017440029</b>	Intuit Inc.	<b>2018256998</b>	Astellas Pharma Inc.
<b>2018204646</b>	Research Institute of Tsinghua University in Shenzhen; Tsinghua Innovation Center in Dongguan	<b>2018257151</b>	LG Electronics Inc.
<b>2018250628</b>	Chase Therapeutics Corporation	<b>2018257217</b>	Huawei Technologies Co., Ltd.
<b>2018250897</b>	Wettoncraft	<b>2018257445</b>	Daikin Industries, Ltd.
<b>2018251133</b>	ABB Schweiz AG	<b>2018257624</b>	Knoze Jr Corporation
<b>2018251302</b>	Galbiati, C.	<b>2018258064</b>	AxoGen Corporation
<b>2018251489</b>	LG Electronics Inc.	<b>2018258372</b>	Endogene Limited
<b>2018251804</b>	Global Tel*Link Corporation	<b>2018258466</b>	Prothera Biologics, Inc.
<b>2018251806</b>	Urigen Pharmaceuticals, Inc.	<b>2018258687</b>	Seattle Genetics, Inc.
		<b>2018258773</b>	Chengdu Qianniucao Information Technology Co., LTD.
		<b>2018259164</b>	Aus Group Alliance Pty Ltd
		<b>2018259166</b>	Corex Plastics (Australia) Pty Ltd; Buruma, T.; Buruma, R.
		<b>2018259934</b>	Treofan Germany GmbH & Co. KG
		<b>2018260360</b>	LG Electronics Inc.

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<b>2018260410</b>	Drillco Tools S.A.	<b>2018266829</b>	Pudsey Diamond Engineering Ltd
<b>2018260427</b>	Loud and Clear Safety Pty Ltd	<b>2018266853</b>	Fagan, M.
<b>2018260614</b>	Dow Global Technologies LLC	<b>2018266893</b>	Shire Human Genetic Therapies, Inc.
<b>2018261022</b>	University of Pittsburgh - of the Commonwealth System of Higher Education	<b>2018266896</b>	Uber Technologies, Inc.
<b>2018261077</b>	Centaur Analytics, Inc.	<b>2018266911</b>	Enanta Pharmaceuticals, Inc.
<b>2018261171</b>	Allergan, Inc.	<b>2018266964</b>	President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.
<b>2018261356</b>	Dow Global Technologies LLC; Rohm and Haas Company	<b>2018267051</b>	Universite de Nantes; Institut National de la Sante et de La Recherche Medicale (INSERM); Centre Hospitalier Universitaire de Nantes
<b>2018261384</b>	SubSeaSail, LLC	<b>2018267284</b>	Madnani, A.
<b>2018261651</b>	Hologic, Inc.	<b>2018267298</b>	Mitsubishi Hitachi Power Systems, Ltd.
<b>2018261800</b>	Monticello Enterprises LLC	<b>2018267689</b>	Real Time Dynamics Pty Ltd
<b>2018261887</b>	Allakos Inc.	<b>2018267691</b>	Technological Resources Pty. Limited
<b>2018261988</b>	Huawei Technologies Co., Ltd.	<b>2018267755</b>	Dongguan University of Technology; Li, Y.; Li, L.
<b>2018262114</b>	ArjoHuntleigh Magog Inc.	<b>2018267853</b>	Chengdu Qianniucao Information Technology Co., LTD.
<b>2018262258</b>	Crime Science Technology	<b>2018267855</b>	Chengdu Qianniucao Information Technology Co., LTD.
<b>2018262607</b>	HerHealth Limited	<b>2018267962</b>	Fundación Cidetec
<b>2018262622</b>	Nagravision SA	<b>2018268059</b>	My-Vitality Sàrl
<b>2018262790</b>	Huvepharma	<b>2018268096</b>	Capartis AG
<b>2018262829</b>	Universität Zürich; NTNU - Norges teknisk-naturvitenskapelige universitet	<b>2018268152</b>	SITA Information Networking Computing UK Limited
<b>2018262868</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018268173</b>	River Stone Biotech ApS; Van Wiltenburg, J.; Santella, M.
<b>2018263130</b>	Huawei Technologies Co., Ltd.	<b>2018268194</b>	3M Innovative Properties Company
<b>2018263240</b>	Kuk II Inntot Co., Ltd.	<b>2018268566</b>	Wei, T.; Huang, B.; Wu, H.
<b>2018263276</b>	Monash University	<b>2018268843</b>	Xylem Water Solutions Zelienople LLC
<b>2018263277</b>	Health Communication Network Pty Limited	<b>2018268865</b>	The Curators of the University of Missouri; Wood, R.
<b>2018263278</b>	Biomass Technologies Pty Ltd	<b>2018268928</b>	Huntleigh Technology Limited
<b>2018263296</b>	Bullseye Australia Pty Ltd	<b>2018268965</b>	Icopal Danmark ApS
<b>2018263837</b>	Merck Sharp & Dohme Corp.	<b>2018268972</b>	Apple Inc.
<b>2018263907</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited	<b>2018269008</b>	University of Cincinnati
<b>2018263921</b>	Vivace Therapeutics, Inc.	<b>2018269036</b>	Hach Company
<b>2018263928</b>	LumiGrow, Inc.	<b>2018269059</b>	Advanced Brain Monitoring, Inc.
<b>2018263937</b>	Allakos Inc.	<b>2018269260</b>	Huawei Technologies Co., Ltd.
<b>2018264668</b>	Haldor Topsøe A/S	<b>2018269370</b>	The Johns Hopkins University
<b>2018264741</b>	Fugro Technology B.V.	<b>2018269378</b>	Prometheus Therapeutics Inc.
<b>2018264866</b>	Solar Turbines Incorporated	<b>2018269394</b>	Motorola Solutions, Inc.
<b>2018264992</b>	Tesaro, Inc.; Merck Sharp & Dohme B.V.	<b>2018269499</b>	Tchibo GmbH
<b>2018264996</b>	University of Massachusetts	<b>2018269533</b>	Cold Spring Harbor Laboratory
<b>2018265089</b>	CNH Industrial Belgium NV	<b>2018269661</b>	CEFALY Technology SPRL
<b>2018265094</b>	CNH Industrial Belgium NV	<b>2018269679</b>	REMA TIP TOP AG
<b>2018265261</b>	The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	<b>2018269711</b>	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; Novo Nordisk A/S
<b>2018265362</b>	Tavismanor Limited	<b>2018269742</b>	The Regents of The University of California
<b>2018265395</b>	University of Utah Research Foundation; Shepherd, J.; Day, C.; Pastuzyn, E.	<b>2018269755</b>	Recurium IP Holdings, LLC
<b>2018265439</b>	Housey Pharmaceutical Research Laboratories, L.L.C.	<b>2018269914</b>	Uber Technologies, Inc.
<b>2018265489</b>	Impero, P.	<b>2018269939</b>	Ioxus, Inc.
<b>2018265526</b>	Security Matters Ltd.	<b>2018269941</b>	Digital Reasoning Systems, Inc.
<b>2018265541</b>	University of Massachusetts	<b>2018269984</b>	Five Prime Therapeutics, Inc.
<b>2018265571</b>	Galectin Sciences, LLC	<b>2018270109</b>	Arizona Board of Regents on behalf of The University of Arizona
<b>2018265596</b>	Witron Logistik + Informatik GmbH	<b>2018270147</b>	Google LLC
<b>2018265624</b>	SteadyMed, Ltd.	<b>2018270157</b>	Atlas Certified, LLC
<b>2018265754</b>	Medipick Pty Ltd	<b>2018270179</b>	Angel Playing Cards Co., Ltd.
<b>2018265765</b>	The Florey Institute of Neuroscience and Mental Health	<b>2018270270</b>	Cedars-Sinai Medical Center
<b>2018265770</b>	The Australian National University	<b>2018270280</b>	Dziekonski, M.
<b>2018265813</b>	Galectin Sciences, LLC	<b>2018270292</b>	NFlection Therapeutics, Inc.
<b>2018266135</b>	Meharry Medical College	<b>2018270295</b>	NFlection Therapeutics, Inc.
<b>2018266175</b>	Next Century Spirits, LLC	<b>2018270381</b>	Ortho-Nutra, LLC
<b>2018266265</b>	Maxtech Mosquito Control Inc.	<b>2018270400</b>	Security Matters Ltd.
<b>2018266439</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2018270420</b>	Apple Inc.
<b>2018266465</b>	Baker Hughes, a GE Company LLC	<b>2018270494</b>	Span Tech LLC
<b>2018266562</b>	Augusta University Research Institute, Inc.	<b>2018270505</b>	Biscayne Neurotherapeutics, Inc.
<b>2018266630</b>	Washme Properties, LLC	<b>2018270515</b>	The Regents of the University of California
<b>2018266649</b>	McGregor, S.; Vandergon, C.; Fleischhacker, K.; Koehler, S.	<b>2018270518</b>	Cornell University
<b>2018266675</b>	Revere Biosensors, LLC	<b>2018270778</b>	Massachusetts Institute of Technology
<b>2018266697</b>	Regents of the University of Minnesota	<b>2018271006</b>	LG Electronics Inc.
<b>2018266730</b>	Instant Financial, Inc.	<b>2018271088</b>	The Shredded Tire, Inc.
<b>2018266784</b>	Scholar Rock, Inc.	<b>2018271094</b>	Advanced Aesthetic Technologies, Inc.
<b>2018266819</b>	Barber, G.	<b>2018271110</b>	Vertex Pharmaceuticals Incorporated
		<b>2018271139</b>	Technological Resources Pty. Limited
		<b>2018271157</b>	Merus N.V.

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2018271160	Heineke Supply Chain B.V.	2018277294	PsiOxus Therapeutics Limited
2018271161	Heineken Supply Chain B.V.	2018277301	Universität Stuttgart
2018271163	PartnerPlast AS	2018277523	ChemoCentryx, Inc.
2018271166	Akvadesign AS	2018277595	BAE SYSTEMS plc
2018271515	Nippon Telegraph and Telephone Corporation	2018277769	Twelve, Inc.
2018271807	Hip Innovation Technology, LLC	2018277958	AYUMI Pharmaceutical Corporation
2018272017	Kite Pharma, Inc.	2018278163	Naval Group
2018272085	Etubics Corporation	2018278271	Janssen Pharmaceutica NV
2018272172	Mari Co., Ltd.	2018278323	Geomni, Inc.
2018272234	National University Corporation Yokohama National University; De Nora Permelec Ltd	2018278678	Cyano Biotech GmbH
2018272313	Chevron U.S.A. Inc.	2018278761	Ecotone AS
2018272337	TCl Co., Ltd	2018278771	Neuronano AB
2018272400	Genovis AB	2018279085	The General Hospital Corporation; University of Southern Denmark
2018272795	Merck Patent GmbH	2018279277	Koch-Glitsch, LP
2018272819	Ovid Therapeutics Inc.	2018279290	Centro Cardiologico Monzino Spa; Universita' degli Studi di Milano
2018272902	Novihum Technologies GmbH	2018279306	Novartis AG
2018272933	Innovations 4 Flooring Holding N.V.; Tower IPCO Company Limited	2018279407	JFE Steel Corporation
2018272943	Bischof + Klein SE & Co. KG	2018279457	Osaka University
2018272983	Przuntek, H.; Haghikia, A.	2018279589	Joint Stock Company "LIMACO"
2018272984	Genovis AB	2018279790	Children's Hospital Medical Center
2018273105	Sequana Medical AG	2018279893	Waymo LLC
2018273171	XM Cyber Ltd.	2018280242	W.L. Gore & Associates, Inc.
2018273174	GlaxoSmithKline Intellectual Property Development Limited	2018280341	Orthocell Limited
2018273240	MIVI Neuroscience, Inc.	2018280679	Numab Therapeutics AG
2018273290	Asahi Group Holdings, Ltd.	2018280681	Numab Therapeutics AG
2018273337	Kimberly-Clark Worldwide, Inc.	2018280855	AMADEUS S.A.S.
2018273340	Kimberly-Clark Worldwide, Inc.	2018280870	NH TherAguix; Universite Claude Bernard Lyon 1; Centre National de la Recherche Scientifique - CNRS
2018273341	Kimberly-Clark Worldwide, Inc.	2018280934	Colom Tallo, J.
2018273364	McGinley Engineered Solutions, LLC	2018280968	JFE Steel Corporation
2018273485	Swedish Neutral Holding AB	2018281028	Peleman Industries, Naamloze Vennootschap
2018273626	Kimberly-Clark Worldwide, Inc.	2018281095	Daikin Industries, Ltd.
2018273713	Valmont Industries, Inc.	2018281131	Merck Sharp & Dohme Corp.
2018273752	Battelle Memorial Institute	2018281314	Ab Initio Technology LLC
2018273788	Breville Pty Limited	2018281327	Flagship Pioneering Innovations V, Inc.
2018273792	Hoselink Pty Ltd	2018281617	YuYu Pharma, Inc.
2018273803	Bondi Sands Pty Ltd	2018281743	The Procter & Gamble Company
2018273807	The University of Melbourne	2018281830	Providence Health & Services - Oregon; AgonOx, Inc.
2018273827	Commonwealth Scientific and Industrial Research Organisation	2018282093	Downunder Geosolutions Pty Ltd.
2018273872	The American University in Cairo	2018282160	Edwards Lifesciences Corporation
2018273888	Lundbeck La Jolla Research Center, Inc.	2018282168	Ab Initio Technology LLC
2018273895	T-Mobile Usa, Inc.	2018282523	Qualcomm Incorporated
2018273928	Dakota Biotech, LLC	2018283147	Avent, Inc.
2018273975	National Oilwell DHT, L.P.	2018283178	Qualcomm Incorporated
2018273999	AbVitro LLC	2018283230	Henkel IP & Holding GmbH
2018274109	Xu, W.	2018283342	Societe des Produits Nestle S.A.
2018274161	Blasczyk, R.; Ferreira De Figueiredo, C.	2018283393	Natural Fiber Welding, Inc.
2018274206	Caffitaly System S.p.A.	2018283472	CrystalGenomics, Inc.
2018274545	Julius-Maximilians-Universität Würzburg; Bruttel, V.	2018283762	IHC Holland IE B.V.
2018274641	Welland Medical Limited	2018283818	GB Progetti S.r.l.
2018274705	Mayborn (UK) Limited	2018283967	Qualcomm Incorporated
2018274726	Chevron U.S.A. Inc.	2018284207	YETI Coolers, LLC
2018275147	Etubics Corporation	2018284214	CommScope Technologies LLC
2018275405	American Sterilizer Company	2018285025	Casale SA
2018275490	Dompe' farmaceutici S.p.A.	2018285093	Qualcomm Incorporated
2018275637	Universität Für Bodenkultur Wien	2018285447	Borealis AG
2018275673	Valmont Industries, Inc.	2018285620	Siemens Industry, Inc.
2018275794	Novozymes A/S	2018285622	Siemens Industry, Inc.
2018275860	Medicim NV	2018286352	LG Electronics Inc.
2018276074	Bransgrove, B.	2018286458	William Marsh Rice University
2018276248	AkvaFresh AS	2018286649	Respirion Pharmaceuticals Pty Ltd
2018276306	Vak-Tek Pty Ltd	2018286650	Respirion Pharmaceuticals Pty Ltd
2018276307	Ravenscroft, S.	2018286919	Albumedix Ltd.
2018276345	F. Hoffmann-La Roche AG	2018286964	LEO Pharma A/S
2018276361	sphingotec GmbH	2018287035	VBG Group AB (publ)
2018276805	Larsen, A.I.	2018288218	Alcon Inc.
2018276985	Huawei Technologies Co., Ltd.	2018288530	Smith & Nephew plc
2018277083	The Board of Trustees of the Leland Stanford Junior University	2018288767	llumina, Inc.
		2018288866	Qualcomm Incorporated
		2018289047	Qualcomm Incorporated

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2018289188	SNBioScience Inc.	2018341395	Argus Heating Limited
2018289454	Butterfly Network, Inc.	2018344179	McCloskey International, Ltd.
2018289459	Cubic Corporation	2018345222	Komatsu Ltd.
2018289461	Cubic Corporation	2018346901	Adeka Corporation
2018290294	Microban Products Company	2018347169	Qingdao Haier Joint Stock Co.,Ltd
2018290333	Butterfly Network, Inc.	2018363226	Turun Yliopisto
2018290339	Smith & Nephew, Inc.	2018375008	Illumina, Inc.
2018290341	Qualcomm Incorporated	2018386360	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018290800	Qualcomm Incorporated	2018394075	XCath, Inc.; The Board of Regents of The University of Texas System
2018291156	Qualcomm Incorporated	2018394476	Komatsu Ltd.
2018291496	Arbor Biotechnologies, Inc.	2018396280	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018291816	SMA Solar Technology AG	2018400527	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018291824	Haldor Topsøe A/S	2018408015	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018291989	Langley, J.	2018411478	Whenzhou Zhongxi Import and Export Co. Ltd
2018292028	Cryovac, LLC	2018413679	China University of Mining and Technology; Xuzhou Usure Mining Technology Co., Ltd
2018292165	Oterap Holding B.V.	2018422118	OmniGames, Inc.
2018292248	AdvanSix Resins & Chemicals LLC	2019206422	Abu Dhabi National Oil Company
2018292547	Alcon Inc.	2019221869	Illumina, Inc.
2018292579	Novartis AG	2019223987	Intelligent Cleaning Equipment Holdings Co. Ltd.; Chen, N.P.
2018292642	Chevron Oronite Company LLC	2019240547	S-Biomedics
2018293063	T.J.Smith & Nephew,Limited	2019253908	Intex Holdings Pty Ltd
2018293064	T.J.Smith & Nephew,Limited	2019259412	BOE Technology Group Co., Ltd.
2018293307	Rottapharm SpA	2019261689	BOE Technology Group Co., Ltd.
2018293531	Cubic Corporation	2019263344	Jun, B.
2018294309	Interroll Holding AG		
2018294351	The Regents of The University of California		
2018294401	Cryovac, LLC		
2018294546	Dentsply IH AB		
2018294852	LG Electronics Inc.		
2018295010	Qualcomm Incorporated		
2018295813	Qingdao Haier Joint Stock Co., Ltd		
2018295815	Qingdao Haier Joint Stock Co., Ltd		
2018295816	Qingdao Haier Joint Stock Co., Ltd		
2018295817	Qingdao Haier Joint Stock Co., Ltd		
2018295818	Qingdao Haier Joint Stock Co., Ltd		
2018295820	Qingdao Haier Joint Stock Co., Ltd		
2018295821	Qingdao Haier Joint Stock Co., Ltd		
2018295823	Qingdao Haier Joint Stock Co., Ltd		
2018295824	Qingdao Haier Joint Stock Co., Ltd		
2018296711	Electrolux Appliances Aktiebolag		
2018296950	LG Electronics Inc.		
2018296984	LG Electronics Inc.		
2018296986	LG Electronics Inc.		
2018296992	LG Electronics Inc.		
2018297592	Janssen Pharmaceutica NV		
2018297757	JFE Steel Corporation		
2018298098	Qingdao Haier Joint Stock Co., Ltd		
2018298575	Electrolux Appliances Aktiebolag		
2018299025	MECCANICA BREGANZESE S.p.A. in breve MB S.p.A.		
2018300555	Franz Xaver Meiller Fahrzeug- und Maschinenfabrik - GmbH & Co KG		
2018300589	Siemens Aktiengesellschaft		
2018301489	Kratos Integral Holdings, LLC		
2018303331	Innovative Constructions Australia Pty Ltd		
2018303332	Commonwealth Scientific and Industrial Research Organisation		
2018303579	Alteryx, Inc.		
2018304033	Amgen Inc.		
2018305833	Societe Des Produits Nestle S.A.		
2018306524	Alcon Inc.		
2018307119	Denka Company Limited		
2018307212	Amazon Technologies, Inc.		
2018307696	Alcon Inc.		
2018309117	Meishan CRRC Brake Science & Technology Co., Ltd.		
2018311032	Institute for Research in Biomedicine		
2018316279	King Technology Inc.		
2018320080	Societe des Produits Nestle S.A.		
2018327449	Komatsu Ltd.		
2018331434	Illumina, Inc.		
2018332158	Cardinal Health Switzerland 515 GmbH		
2018333099	ETH Zurich		
2018341361	LG Electronics Inc.		



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<b><u>A01B 69 /-</u></b>	<b><u>A01M 1 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A61B 18 /-</u></b>	2018332158	2018275490
2017414991	2018266265	2018263278	2018269378	<b><u>A61F 5 /-</u></b>	2018276345
2018265089	<b><u>A01N 1 /-</u></b>	<b><u>A23L 27 /-</u></b>	2018283147	2018283147	2018277958
2018265094	2018274161	2018292165	<b><u>A61B 34 /-</u></b>	<b><u>A61F 7 /-</u></b>	2018278271
<b><u>A01C 23 /-</u></b>	<b><u>A01N 25 /-</u></b>	2018320080	2018306524	2018254832	2018279306
2018275673	2018273290	<b><u>A23L 5 /-</u></b>	2018394075	<b><u>A61F 9 /-</u></b>	2018281131
<b><u>A01D 46 /-</u></b>	<b><u>A01N 43 /-</u></b>	2018320080	<b><u>A61B 5 /-</u></b>	2018261171	2018281327
2017414991	2018253189	<b><u>A23L 9 /-</u></b>	2018267284	2018288218	2018283472
<b><u>A01F 25 /-</u></b>	<b><u>A01N 59 /-</u></b>	2018305833	2018268059	2018292547	2018286649
2018276306	2018273290	<b><u>A23P 10 /-</u></b>	2018269059	2018306524	2018286650
<b><u>A01G 13 /-</u></b>	2018276248	2018320080	2018276074	2018307696	2018289188
2018259166	2018290294	<b><u>A23P 20 /-</u></b>	2018278771	<b><u>A61G 1 /-</u></b>	2018293307
<b><u>A01G 17 /-</u></b>	<b><u>A01N 63 /-</u></b>	2018320080	2018288530	2018268928	2018294351
2018259166	2018273290	<b><u>A43D 25 /-</u></b>	<b><u>A61B 50 /-</u></b>	<b><u>A61G 7 /-</u></b>	2018297592
<b><u>A01G 25 /-</u></b>	<b><u>A01P 23 /-</u></b>	2018411478	2018262607	2018262114	<b><u>A61K 33 /-</u></b>
2018273713	2018274161	<b><u>A47G 19 /-</u></b>	<b><u>A61B 6 /-</u></b>	2018268928	2018273105
2018275673	<b><u>A01P 3 /-</u></b>	2018274109	2018268194	<b><u>A61H 1 /-</u></b>	2018276248
<b><u>A01G 7 /-</u></b>	2018273290	2018274705	2018278771	2018273807	<b><u>A61K 35 /-</u></b>
2018263928	<b><u>A21B 3 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61H 7 /-</u></b>	2017414803
<b><u>A01G 9 /-</u></b>	2018320080	2018269499	2018258064	2018254630	2018251987
2018259166	<b><u>A22C 25 /-</u></b>	2018273788	<b><u>A61C 13 /-</u></b>	<b><u>A61J 3 /-</u></b>	2018257624
<b><u>A01H 1 /-</u></b>	2018276805	2018274206	2018254785	2018269711	2018261022
2018269533	<b><u>A23B 9 /-</u></b>	2018347169	<b><u>A61C 19 /-</u></b>	<b><u>A61K 31 /-</u></b>	2018264996
2018279457	2018276306	<b><u>A47K 10 /-</u></b>	2018268194	<b><u>A61K 36 /-</u></b>	2018265541
<b><u>A01J 5 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61C 7 /-</u></b>	2017413260	2018267051
2018263296	2018256284	2018254630	2018268194	2018250628	2018272983
<b><u>A01K 61 /-</u></b>	2018305833	<b><u>A47L 9 /-</u></b>	<b><u>A61C 9 /-</u></b>	2018251806	2018273928
2018271166	<b><u>A23D 9 /-</u></b>	2018260360	2018253689	2018253189	2018275147
2018276248	2018320080	<b><u>A61B 1 /-</u></b>	2018254577	<b><u>A61J 3 /-</u></b>	2018276248
2018278761	<b><u>A23L 11 /-</u></b>	2018258372	2018254785	2018269711	2018277294
<b><u>A01K 67 /-</u></b>	2018256284	<b><u>A61B 10 /-</u></b>	2018268194	2018254630	2018279290
2018270270	<b><u>A23L 13 /-</u></b>	2018261651	2018275860	2018268194	2018281830
2018279457	2018320080	2018280341	<b><u>A61F 11 /-</u></b>	2018268194	2019240547
<b><u>A01K 73 /-</u></b>	<b><u>A23L 17 /-</u></b>	<b><u>A61B 17 /-</u></b>	2018260427	<b><u>A61K 31 /-</u></b>	<b><u>A61K 36 /-</u></b>
2018276805	2018320080	2018255297	<b><u>A61F 13 /-</u></b>	2017413260	2018265439
<b><u>A01K 79 /-</u></b>	<b><u>A23L 19 /-</u></b>	2018269378	2018255294	2018250628	<b><u>A61K 38 /-</u></b>
2018276805	2018292165	2018273240	2018273626	2018251806	2018265439
<b><u>A01K 91 /-</u></b>	2018320080	2018273364	2018283147	2018253189	2017414006
2018276805	2018292165	2018283147	2018293063	2018254577	2017414803
	2018320080	2018290339	2018293064	2018255294	2018256453
		2018292547		2018255413	2018266893
				2018255509	2018277083
				2018255510	2018279085
				2018255718	2018281617
				2018256998	
				2018257624	<b><u>A61K 39 /-</u></b>
				2018261171	2017418317
				2018262790	2018254517
				2018263921	2018255955
				2018266135	2018256453
				2018266911	2018261887
				2018269008	2018263837
				2018269742	2018263937
				2018270292	2018264992
				2018270295	2018265261
				2018270381	2018267051
				2018270505	2018269984
				2018270515	2018270515
				2018271157	2018271157
				2018272819	2018272085
				2018273105	2018273174
				2018273803	2018275147
				2018273888	2018276345

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2018277083	2018271094	<b><u>A61P 11 /-</u></b>		<b><u>A61P 31 /-</u></b>	<b><u>A63B 24 /-</u></b>	<b><u>B01J 19 /-</u></b>
2018279085		2018262790		2018275490	2018273807	2018279277
<b><u>A61K 45 /-</u></b>	<b><u>A61L 28 /-</u></b>	2018277958		2018277958		
	2018274641	2018286649		2018286650	<b><u>A63B 67 /-</u></b>	<b><u>B01J 23 /-</u></b>
2018266784		2018286650				
2018275147	<b><u>A61L 29 /-</u></b>			<b><u>A61P 35 /-</u></b>	2018422118	2018286458
<b><u>A61K 47 /-</u></b>	2018267962					
		<b><u>A61P 13 /-</u></b>			<b><u>A63F 3 /-</u></b>	<b><u>B01J 35 /-</u></b>
2018255509	<b><u>A61L 31 /-</u></b>	2018251987		2018251987		
2018255510		2018256998		2018253189	2018270179	2018286458
2018255718	2018258064	2018277958		2018253689		
2018255955	2018267962	2018281131		2018254517	<b><u>A63F 9 /-</u></b>	<b><u>B01J 37 /-</u></b>
2018256453		2018281327		2018255294		
2018256998	<b><u>A61M 1 /-</u></b>	2018292579		2018256453	2018270179	2018286458
2018258687				2018256998		
2018261171	2018254601	<b><u>A61P 15 /-</u></b>		2018258687	<b><u>A63H 27 /-</u></b>	<b><u>B01L 3 /-</u></b>
2018265624	2018273105			2018262790		
2018269742	2018273240	2018266135		2018264992	2018254761	2018261651
2018270505	2018288530	2018277958		2018266784		
2018270518				2018269984	<b><u>B01D 17 /-</u></b>	<b><u>B01L 9 /-</u></b>
2018272819	<b><u>A61M 15 /-</u></b>	<b><u>A61P 17 /-</u></b>		2018270292		
2018275147				2018270295	2018316279	2018304033
2018289188	2018254265	2018262790		2018276345	<b><u>B01D 24 /-</u></b>	<b><u>B02C 1 /-</u></b>
2018333099	<b><u>A61M 16 /-</u></b>	2018277958		2018277958		
		2018294351		2018278271	2018255486	2018299025
<b><u>A61K 48 /-</u></b>	2018256754	<b><u>A61P 19 /-</u></b>		2018281830	<b><u>B01D 3 /-</u></b>	<b><u>B03C 1 /-</u></b>
				2018297592		
2018265395	<b><u>A61M 25 /-</u></b>	2018262790			2018251302	2018304033
<b><u>A61K 49 /-</u></b>	2018258372	2018277958		<b><u>A61P 37 /-</u></b>		
	2018269378	2018279306			<b><u>B01D 35 /-</u></b>	<b><u>B05B 3 /-</u></b>
2018280870	2018273240	<b><u>A61P 21 /-</u></b>		2018262790		
<b><u>A61K 8 /-</u></b>	2018294546			2018263937	2018268843	2018275673
	2018394075	2018270381		2018277958		
2018254630	<b><u>A61M 27 /-</u></b>	2018277958		2018297592	<b><u>B01D 39 /-</u></b>	<b><u>B05B 9 /-</u></b>
2018265439		2018292579				
2018272337	2018294546	<b><u>A61P 23 /-</u></b>		<b><u>A61P 43 /-</u></b>	2018268843	2018276307
2018293307						
2018294351	<b><u>A61M 35 /-</u></b>	2018265624		<b><u>A61P 5 /-</u></b>	<b><u>B01D 53 /-</u></b>	<b><u>B05D 7 /-</u></b>
<b><u>A61K 9 /-</u></b>	2018254630	<b><u>A61P 25 /-</u></b>		2018277958	2018273827	2018290294
2018250628	<b><u>A61M 5 /-</u></b>	2017413260		<b><u>A61P 7 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B06B 1 /-</u></b>
2018254263		2017414803				
2018255509	2018254481	2017418317		2018273105	2017412844	2018289454
2018255510	2018269711	2018250628		<b><u>A61P 9 /-</u></b>	<b><u>B01D 65 /-</u></b>	2018290333
2018255718	2018272795	2018262790				
2018256998	2018273240	2018272983		2018262790	2018269036	<b><u>B07B 1 /-</u></b>
2018261171	<b><u>A61N 1 /-</u></b>	2018277958		2018277958		2018299025
2018262790		2018281131		2018281131	<b><u>B01D 67 /-</u></b>	
2018264992	2018256354	<b><u>A61P 27 /-</u></b>		<b><u>A61Q 1 /-</u></b>		<b><u>B08B 3 /-</u></b>
2018265624	2018258064				2017412844	2018276307
2018269008	2018269661	2018261171		2018273803	<b><u>B01D 69 /-</u></b>	
2018269711	2018278771	2018261887				<b><u>B09B 3 /-</u></b>
2018270505	<b><u>A61N 5 /-</u></b>	2018262790		<b><u>A61Q 17 /-</u></b>	2017412844	2018291989
2018270518		2018277958			<b><u>B01D 71 /-</u></b>	
2018272819	2018252199	<b><u>A61P 29 /-</u></b>		2018293307		<b><u>B25D 17 /-</u></b>
2018273105	2018269378			<b><u>A61Q 19 /-</u></b>	2017412844	2018260410
2018273928	<b><u>A61P 1 /-</u></b>	2018271110			<b><u>B01F 15 /-</u></b>	
2018286649		2018277958		2018265439		<b><u>B25D 9 /-</u></b>
2018286650	2017414006	2018286649		2018273803	2018303332	2018260410
2018289188	2018262790	2018297592		2018293307	<b><u>B01F 7 /-</u></b>	
2018333099	2018262790	<b><u>A61P 3 /-</u></b>		<b><u>A62B 9 /-</u></b>	2018303332	<b><u>B25G 1 /-</u></b>
<b><u>A61L 2 /-</u></b>	2018263937					2018283818
	2018266911	2018255510		2018256754	<b><u>B01J 13 /-</u></b>	
2018294546	2018277958	2018262790		<b><u>A63B 23 /-</u></b>		
<b><u>A61L 27 /-</u></b>		2018277958			2018333099	
		2018297592		2018273807		
2018267962						

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<b><u>B25J 18 /-</u></b>			<b><u>B65D 43 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>C05F 11 /-</u></b>
2018270778	<b><u>B32B 5 /-</u></b>	<b><u>B63B 35 /-</u></b>	2018284207	2018273792	2018272902
<b><u>B25J 19 /-</u></b>	2017274085	2018276805	<b><u>B65D 45 /-</u></b>	<b><u>B66B 13 /-</u></b>	
2018270778	2018268965	<b><u>B63B 39 /-</u></b>	2018284207	2018300555	<b><u>C07B 59 /-</u></b>
<b><u>B25J 9 /-</u></b>	2018273341	2018261384	<b><u>B65D 5 /-</u></b>	<b><u>B67D 1 /-</u></b>	2018271110
2018270778	<b><u>B33Y 10 /-</u></b>	<b><u>B63B 43 /-</u></b>	2018281743	2018271160	<b><u>C07C 1 /-</u></b>
<b><u>B26D 1 /-</u></b>	2018255111	2018261384	<b><u>B65D 51 /-</u></b>	2018271161	2018286458
2017414302	<b><u>B33Y 30 /-</u></b>	2018250897	2018262607	<b><u>B82B 3 /-</u></b>	<b><u>C07C 211 /-</u></b>
<b><u>B26D 7 /-</u></b>	2018255111	<b><u>B63G 8 /-</u></b>	<b><u>B65D 55 /-</u></b>	2018263276	2018263921
2017414302	<b><u>B33Y 80 /-</u></b>	2018261384	2018262607	<b><u>B82Y 10 /-</u></b>	2018269755
<b><u>B28B 1 /-</u></b>	<b><u>B42C 5 /-</u></b>	2018261384	<b><u>B65D 75 /-</u></b>	2018263276	<b><u>C07C 217 /-</u></b>
2018307119	2018281028	<b><u>B63H 9 /-</u></b>	2018260614	<b><u>B82Y 15 /-</u></b>	2018269755
<b><u>B28C 7 /-</u></b>	<b><u>B44C 1 /-</u></b>	2018261384	2018292028	2018263276	<b><u>C07C 233 /-</u></b>
2018307119	2018254149	<b><u>B64C 13 /-</u></b>	2018294401	<b><u>B82Y 40 /-</u></b>	2018255413
<b><u>B29C 53 /-</u></b>	2018255043	2018394476	<b><u>B65D 81 /-</u></b>	2018263276	2018269755
2017274084	<b><u>B60D 1 /-</u></b>	<b><u>B64C 31 /-</u></b>	2018292028	<b><u>C01B 3 /-</u></b>	<b><u>C07C 235 /-</u></b>
<b><u>B29C 59 /-</u></b>	2018287035	2018254761	2018320080	2018285025	2018254263
2018274641	<b><u>B60P 3 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65D 83 /-</u></b>	2018273827	2018269755
<b><u>B29C 63 /-</u></b>	2018266649	2018394476	2018276074	<b><u>C01B 32 /-</u></b>	<b><u>C07C 255 /-</u></b>
2017274084	<b><u>B60R 1 /-</u></b>	<b><u>B64D 11 /-</u></b>	2018276074	<b><u>C01C 1 /-</u></b>	2018294351
2017274085	2018253868	2017417473	<b><u>B65D 88 /-</u></b>	2018285025	<b><u>C07C 271 /-</u></b>
<b><u>B29C 64 /-</u></b>	<b><u>B60S 3 /-</u></b>	<b><u>B64D 47 /-</u></b>	2018276306	2018286458	2018283472
2018255111	2018266630	2018394476	<b><u>B65G 1 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C07D 207 /-</u></b>
<b><u>B29C 70 /-</u></b>	<b><u>B60T 13 /-</u></b>	<b><u>B65B 13 /-</u></b>	2018265596	2018273872	2018255413
2017274085	2018309117	2017415306	<b><u>B65G 15 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 209 /-</u></b>
<b><u>B31F 1 /-</u></b>	<b><u>B60T 17 /-</u></b>	2017415635	2018344179	2017412844	2018294351
2018273337	2018309117	<b><u>B65B 27 /-</u></b>	<b><u>B65G 21 /-</u></b>	2018268843	<b><u>C07D 213 /-</u></b>
2018273340	<b><u>B61B 13 /-</u></b>	2017415306	2018270494	2018269036	2018255413
2018273341	2018270778	2017415635	2018294309	<b><u>C04B 18 /-</u></b>	2018269755
<b><u>B32B 1 /-</u></b>	<b><u>B61H 11 /-</u></b>	<b><u>B65B 29 /-</u></b>	2018344179	2018271088	2018271110
2017274084	2018309117	2018320080	<b><u>B65G 23 /-</u></b>	<b><u>C04B 20 /-</u></b>	<b><u>C07D 231 /-</u></b>
2018292028	<b><u>B61L 23 /-</u></b>	<b><u>B65B 7 /-</u></b>	2018294309	2018307119	2018255413
<b><u>B32B 27 /-</u></b>	2018264741	2018292028	<b><u>B65G 41 /-</u></b>	<b><u>C04B 22 /-</u></b>	<b><u>C07D 235 /-</u></b>
2018254149	<b><u>B61L 25 /-</u></b>	<b><u>B65D 1 /-</u></b>	2018344179	2018307119	2018269755
2018255043	2018264741	2018283342	<b><u>B65G 67 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C07D 237 /-</u></b>
2018259934	<b><u>B63B 1 /-</u></b>	<b><u>B65D 30 /-</u></b>	2018267691	2018307119	2018255413
2018268965	2018261384	2018272943	2018271139	<b><u>C04B 28 /-</u></b>	<b><u>C07D 239 /-</u></b>
2018292028	<b><u>B63B 22 /-</u></b>	<b><u>B65D 33 /-</u></b>	<b><u>B65G 69 /-</u></b>	2018290294	2018255413
2018294401	2018271163	2018272943	2018267691	2018307119	2018269755
<b><u>B32B 3 /-</u></b>				<b><u>C04B 35 /-</u></b>	<b><u>C07D 241 /-</u></b>
2018259934				2018204646	2018255413
<b><u>B32B 33 /-</u></b>					
2018255043					

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<b><u>C07D 247 /-</u></b>	<b><u>C07D 489 /-</u></b>	2018274545 2018276345 2018277083 2018277294 2018277301 2018279085 2018280679 2018280681 2018292579 2018311032	<b><u>C09D 123 /-</u></b>	<b><u>C12N 1 /-</u></b>	2018273999 2018281830 2018291496 2018331434
2018273888	2018268173		2018285447	2018275637 2018275794	
<b><u>C07D 257 /-</u></b>	<b><u>C07D 491 /-</u></b>		<b><u>C09D 133 /-</u></b>		
2018263921	2018270292		2018261356	<b><u>C12N 11 /-</u></b>	<b><u>C13B 10 /-</u></b>
<b><u>C07D 259 /-</u></b>	<b><u>C07D 493 /-</u></b>		<b><u>C09D 151 /-</u></b>	2018254483	2018263278
2018278678	2018279306		2018261356	<b><u>C12N 15 /-</u></b>	<b><u>C13B 20 /-</u></b>
<b><u>C07D 263 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09J 111 /-</u></b>	2018251987 2018254263 2018264996 2018265395 2018265541 2018266562 2018269533 2018272085 2018275637 2018279457 2018286919 2018291496	2018263278
2018269755	2018270292 2018277958 2018286964	2018269370	2018269679		<b><u>C22B 3 /-</u></b>
<b><u>C07D 275 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C09K 9 /-</u></b>		2018273872
2018294351	2018297592	2017414006 2018269370 2018278678 2018281617	2018363226	<b><u>C10G 1 /-</u></b>	<b><u>C22C 18 /-</u></b>
<b><u>C07D 277 /-</u></b>				2018266175	2018297757
2018269755	<b><u>C07F 9 /-</u></b>	<b><u>C08B 1 /-</u></b>	<b><u>C10G 17 /-</u></b>		<b><u>C23C 2 /-</u></b>
<b><u>C07D 295 /-</u></b>	2018271110 2018294351	2018255503	2018291824	<b><u>C12N 5 /-</u></b>	2018297757
2018253689	<b><u>C07H 1 /-</u></b>	<b><u>C08B 15 /-</u></b>		2018264996 2018266697 2018270270 2018272017 2018279085 2018279290 2018279457 2018279790 2018281830	<b><u>C23C 28 /-</u></b>
<b><u>C07D 303 /-</u></b>	2018265571	2018255503	<b><u>C10G 31 /-</u></b>		2018279407 2018280968
2018255413	<b><u>C07H 15 /-</u></b>	<b><u>C08F 10 /-</u></b>	2018291824	<b><u>C10G 53 /-</u></b>	<b><u>C25B 1 /-</u></b>
<b><u>C07D 305 /-</u></b>	2018258687 2018265571	2018346901		2018291824	2017420091 2018264668 2018291989 2018300589
2018255413	<b><u>C07H 21 /-</u></b>	<b><u>C08F 2 /-</u></b>	<b><u>C10M 101 /-</u></b>		
<b><u>C07D 307 /-</u></b>	2018266964	2018265765	2018292642	<b><u>C12N 7 /-</u></b>	<b><u>C25B 11 /-</u></b>
2018255413	<b><u>C07H 5 /-</u></b>	<b><u>C08F 265 /-</u></b>		2018251987	2017420091 2018272234
<b><u>C07D 401 /-</u></b>	2018265813	2018261356	<b><u>C10M 171 /-</u></b>	<b><u>C12N 9 /-</u></b>	
2018258687 2018266911 2018273888	<b><u>C07K 14 /-</u></b>	<b><u>C08G 18 /-</u></b>	2018292642	2018268865 2018272400 2018272984 2018275637 2018286919 2018291496	<b><u>C25B 3 /-</u></b>
<b><u>C07D 403 /-</u></b>	2018254517 2018255294 2018256453 2018256755 2018258466 2018265541 2018266893 2018269370 2018270515 2018274545 2018279085 2018286919 2018311032	2018292248	2018292642		2018272234
2018255413 2018273888	<b><u>C08J 5 /-</u></b>	<b><u>C08J 5 /-</u></b>		<b><u>C12P 13 /-</u></b>	<b><u>C25B 9 /-</u></b>
<b><u>C07D 405 /-</u></b>	2018274641	2018274641	<b><u>C10N 20 /-</u></b>	2018278678	2018272234 2018300589
2018255413	<b><u>C08J 7 /-</u></b>	<b><u>C08J 7 /-</u></b>	2018292642		<b><u>C25C 3 /-</u></b>
<b><u>C07D 413 /-</u></b>	2018283230	2018283230	<b><u>C10N 40 /-</u></b>	<b><u>C12P 19 /-</u></b>	2018291989
2018294351	<b><u>C08K 3 /-</u></b>	<b><u>C08K 3 /-</u></b>	2018292642	2018266964	<b><u>C25C 5 /-</u></b>
<b><u>C07D 417 /-</u></b>	2018285447	2018285447	<b><u>C12G 1 /-</u></b>		2018291989
2018294351	<b><u>C08L 1 /-</u></b>	<b><u>C08L 1 /-</u></b>	2018254483	<b><u>C12P 21 /-</u></b>	<b><u>C25D 11 /-</u></b>
<b><u>C07D 471 /-</u></b>	2018255503	2018255503	<b><u>C12G 3 /-</u></b>	2018278678 2018286919	2018291989
2018270295 2018294351 2018297592	2017418317 2018254517 2018255955 2018256237 2018263837 2018263937 2018265261 2018269370 2018269984 2018270515 2018271157 2018273174	<b><u>C08L 53 /-</u></b>	2018254483 2018256284 2018266175		2018279407 2018280968
<b><u>C07D 487 /-</u></b>	<b><u>C08L 71 /-</u></b>	2018333099	<b><u>C12M 1 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>C25D 5 /-</u></b>
2018277523 2018281131	<b><u>C09D 11 /-</u></b>	<b><u>C08L 71 /-</u></b>	2018254514 2018262829	2018275794	2018279407 2018280968
	2018255321	2018333099	<b><u>C12M 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>C25D 7 /-</u></b>
		<b><u>C09D 11 /-</u></b>	2018262829	2018254514 2018258466 2018266562 2018266675 2018266964 2018272400	2018279407 2018280968

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

<b><u>C40B 20 /-</u></b>	<b><u>D21F 7 /-</u></b>	<b><u>E04D 13 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16C 27 /-</u></b>	<b><u>F24F 12 /-</u></b>
2018265765	2018273341	2018271088	2018251878	2018256754	2017410556
<b><u>C40B 30 /-</u></b>	<b><u>D21H 11 /-</u></b>	<b><u>E04F 13 /-</u></b>	2018255486	<b><u>F16C 35 /-</u></b>	2017410557
2018265765	2018255503	2018280934	2018266465	2018256754	2017410558
2018266964	<b><u>D21H 17 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16C 39 /-</u></b>	<b><u>F24F 5 /-</u></b>
<b><u>D01F 1 /-</u></b>	2018255503	2018272933	2017435485	2018256754	2017410556
2018262258	<b><u>D21H 27 /-</u></b>	<b><u>E04G 17 /-</u></b>	<b><u>E21B 7 /-</u></b>	2018256754	2017410557
<b><u>D01F 11 /-</u></b>	2018273337	2018303331	2018270280	<b><u>F16J 15 /-</u></b>	2017410558
2018283393	2018273340	<b><u>E04H 12 /-</u></b>	2018273975	<b><u>F16K 15 /-</u></b>	<b><u>F25B 15 /-</u></b>
<b><u>D02G 3 /-</u></b>	<b><u>E01C 23 /-</u></b>	2018275673	<b><u>E21F 17 /-</u></b>	2018263240	2017410556
2018283393	2018307119	<b><u>E04H 15 /-</u></b>	2017435485	<b><u>F16K 15 /-</u></b>	2017410557
<b><u>D02J 1 /-</u></b>	<b><u>E01F 15 /-</u></b>	2018266649	2017435486	2018296992	2018285025
2018283393	2018265489	2019263344	<b><u>F01D 5 /-</u></b>	<b><u>F16K 27 /-</u></b>	<b><u>F25B 19 /-</u></b>
<b><u>D04H 1 /-</u></b>	<b><u>E01F 8 /-</u></b>	<b><u>E04H 4 /-</u></b>	2018260360	<b><u>F16L 55 /-</u></b>	2017410556
2018283393	2018259164	2018316279	<b><u>F01P 11 /-</u></b>	2018258372	2017410557
<b><u>D04H 3 /-</u></b>	<b><u>E02D 13 /-</u></b>	<b><u>E04H 7 /-</u></b>	<b><u>F02D 29 /-</u></b>	2018270778	2017410558
2018283393	2018283762	2018276306	2018394476	<b><u>F21S 10 /-</u></b>	<b><u>F25D 11 /-</u></b>
<b><u>D06F 33 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>F02N 11 /-</u></b>	2018266829	2018281095
2018271006	2018275673	2018284207	2018394476	<b><u>F21S 2 /-</u></b>	2018286352
2018296984	<b><u>E02F 3 /-</u></b>	<b><u>E05C 5 /-</u></b>	<b><u>F03D 13 /-</u></b>	2018275405	2018295817
2018296986	2017429426	2018284207	2018254830	<b><u>F21V 13 /-</u></b>	2018295823
2018341361	2018299025	<b><u>E05D 11 /-</u></b>	2018266819	2018266829	2018286352
<b><u>D06F 37 /-</u></b>	<b><u>E02F 9 /-</u></b>	2018295815	<b><u>F03D 7 /-</u></b>	<b><u>F21V 14 /-</u></b>	<b><u>F25D 19 /-</u></b>
2018271006	2018255024	2018298098	2018266819	2018266829	2018286352
2018296950	2018299025	<b><u>E05D 3 /-</u></b>	2018386360	<b><u>F21V 3 /-</u></b>	<b><u>F25D 23 /-</u></b>
2018296986	2018327449	2018295817	2018400527	2018266829	2018295813
2018296992	2018345222	2018295823	<b><u>F03D 80 /-</u></b>	<b><u>F21V 9 /-</u></b>	2018295815
<b><u>D06F 39 /-</u></b>	<b><u>E03B 3 /-</u></b>	<b><u>E21B 1 /-</u></b>	2018254830	2018263928	2018295816
2018296950	2018255486	2018260410	<b><u>F03D 9 /-</u></b>	<b><u>F21V 115 /-</u></b>	2018295818
2018296984	<b><u>E04B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	2018266819	2018266829	2018295820
2018296986	2017414764	2018251878	<b><u>F04D 25 /-</u></b>	<b><u>F23D 1 /-</u></b>	2018295821
2018296992	<b><u>E04B 2 /-</u></b>	2018260410	2018274109	2018267298	2018295824
2018341361	2018271088	2018270280	<b><u>F04D 29 /-</u></b>	<b><u>F23D 14 /-</u></b>	2018298098
<b><u>D06M 23 /-</u></b>	2018303331	<b><u>E21B 3 /-</u></b>	2018274109	2018266829	2018347169
2018283393	<b><u>E04C 1 /-</u></b>	2018260410	<b><u>F15B 11 /-</u></b>	<b><u>F23D 1 /-</u></b>	<b><u>F25D 29 /-</u></b>
<b><u>D06P 1 /-</u></b>	2018271088	2018251878	2018274109	2018267298	2018286352
2018262258	2018303331	2018260410	<b><u>F15B 11 /-</u></b>	<b><u>F23D 14 /-</u></b>	<b><u>F27B 3 /-</u></b>
<b><u>D21F 1 /-</u></b>	<b><u>E04C 2 /-</u></b>	2018255486	2018274109	2018296711	2017418927
2018273337	2017414764	2019206422	<b><u>F15B 11 /-</u></b>	<b><u>F24C 7 /-</u></b>	<b><u>F27D 1 /-</u></b>
2018273340	<b><u>E04C 5 /-</u></b>	2018260410	2018255024	2018298575	2017418927
2018273341	2018303331	2018273975	2018270778	<b><u>F24F 1 /-</u></b>	<b><u>F28G 1 /-</u></b>
<b><u>D21F 5 /-</u></b>	<b><u>E04C 5 /-</u></b>	<b><u>E21B 4 /-</u></b>	<b><u>F16B 13 /-</u></b>	2018281095	2018276307
2018273337	2018303331	2018260410	2018265362	<b><u>F24F 11 /-</u></b>	<b><u>F41G 3 /-</u></b>
2018273340		2018273975		2017422574	2018277595
2018273341					

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<b>F41H 13 /-</b>	2018266562 2018266675 2018266964 2018267051 2018269036	<b>G05B 19 /-</b>	<b>G06F 8 /-</b>	<b>G06T 1 /-</b>	<b>G16B 30 /-</b>
2018277595	2018270270 2018270515 2018272400 2018272984 2018276074 2018276361 2018281830 2018288767 2018333099	2018266853	2018281314 2018282168	2018327449	2019221869
<b>F42D 1 /-</b>	<b>G01N 35 /-</b>	<b>G05D 1 /-</b>	<b>G06F 9 /-</b>	<b>G06T 5 /-</b>	<b>G16B 50 /-</b>
2018413679	2018261651 2018304033	2018394476	2018255484 2018269941 2018280855 2018281314	2018275860	2019253908
<b>G01C 11 /-</b>	<b>G01R 23 /-</b>	<b>G05D 23 /-</b>	<b>G06K 1 /-</b>	<b>G06T 7 /-</b>	<b>G16H 10 /-</b>
2018327449	2018289461	2018267689	2018270400	2018275860 2018327449 2019253908	2018263277 2018265754
<b>G01C 21 /-</b>	<b>G01R 31 /-</b>	<b>G05F 1 /-</b>	<b>G06K 19 /-</b>	<b>G07B 15 /-</b>	<b>G16H 50 /-</b>
2018278323	2018278163	2018255281 2018255314 2018257445	2018265526 2018270179 2018296984	2018289459 2018293531	2018254785 2018256288
<b>G01F 11 /-</b>	<b>G01S 1 /-</b>	<b>G06F 1 /-</b>	<b>G06K 7 /-</b>	<b>G07C 3 /-</b>	<b>H01G 11 /-</b>
2018268096	2019223987	2018268972 2018275405	2018265526 2018270179	2018394476	2018269939
<b>G01F 23 /-</b>	<b>G01S 17 /-</b>	<b>G06F 11 /-</b>	<b>G06K 9 /-</b>	<b>G07C 5 /-</b>	<b>H01H 35 /-</b>
2018279589	2018279893	2018281314 2019223987	2017417488 2017418990 2017418995 2018270420	2017414991	2018273788
<b>G01J 1 /-</b>	<b>G01S 7 /-</b>	<b>G06F 12 /-</b>	<b>G06N 20 /-</b>	<b>G07C 9 /-</b>	<b>H01L 29 /-</b>
2018363226	2018277595	2018303579	2019253908	2018289459 2018289461 2018293531 2018307212	2018263276
<b>G01J 3 /-</b>	<b>G01T 3 /-</b>	<b>G06F 15 /-</b>	<b>G06N 3 /-</b>	<b>G07D 5 /-</b>	<b>H01L 31 /-</b>
2018278761	2018273713	2018270157	2019253908	2018270179	2018285447
<b>G01K 1 /-</b>	<b>G01V 1 /-</b>	<b>G06F 17 /-</b>	<b>G06Q 10 /-</b>	<b>G07F 17 /-</b>	<b>H01L 41 /-</b>
2018273788	2017428008 2018272313 2018274726 2018282093	2017424116 2017425675 2018266853 2018267755 2018269941 2019253908	2017421256 2017423439 2017426440 2018258773 2018266730 2018266896 2018267855 2018269914 2018270157 2018280855	2018289459 2018289461 2018293531 2018307212	2018290333
<b>G01K 3 /-</b>	<b>G01V 5 /-</b>	<b>G06F 21 /-</b>	<b>G06Q 20 /-</b>	<b>G07G 17 /-</b>	<b>H01M 4 /-</b>
2018267689	2018255410	2017440029 2018255484 2018267853 2018268152 2018270420 2018273171	2017421256 2017423439 2017426440 2018258773 2018266730 2018266896 2018267855 2018269914 2018270157 2018280855	2018268566	2017420091
<b>G01N 15 /-</b>	<b>G02B 27 /-</b>	<b>G06F 3 /-</b>	<b>G06Q 30 /-</b>	<b>G08B 1 /-</b>	<b>H01M 8 /-</b>
2018269036	2018270109	2017410571 2017411918 2017413665 2018268972 2018270147 2018270420 2018306524 2018307696	2018261800 2018266853	2019223987	2017420091
<b>G01N 21 /-</b>	<b>G02B 5 /-</b>	<b>G06F 5 /-</b>	<b>G06Q 40 /-</b>	<b>G09C 1 /-</b>	<b>H01Q 1 /-</b>
2018254514 2018265770 2018278761	2018255043	2018295010	2018266730	2018271515	2017413139 2017417125
<b>G01N 23 /-</b>	<b>G02B 6 /-</b>	<b>G06F 7 /-</b>	<b>G06Q 50 /-</b>	<b>G09F 21 /-</b>	<b>H01Q 13 /-</b>
2018265526 2018270400 2018273713	2018284214	2018303579	2018266896 2018269914	2018254761	2017413139
<b>G01N 25 /-</b>	<b>G02F 1 /-</b>	<b>G05B 15 /-</b>		<b>G09G 3 /-</b>	<b>H01Q 21 /-</b>
2018266175	2018265770	2018285620 2018285622		2019259412 2019261689	2017413139 2018267755
<b>G01N 27 /-</b>	<b>G02H 3 /-</b>			<b>G10K 11 /-</b>	<b>H01Q 5 /-</b>
2018266675 2018268865 2018288767				2018272172	2017413139
<b>G01N 29 /-</b>				<b>G10L 15 /-</b>	<b>H01R 12 /-</b>
2018289454				2017424116 2017425675 2018270147	2018256754
<b>G01N 33 /-</b>				<b>G16B 20 /-</b>	<b>H01R 9 /-</b>
2018256755 2018258466 2018261077				2018375008 2019221869	2018278163
					<b>H02H 3 /-</b>
					2018251133

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<b>H02H 7 /-</b>	2018294852	<b>H04Q 9 /-</b>	<b>H05B 41 /-</b>
2018269939	<b>H04L 12 /-</b>	2018345222	2018275405
<b>H02H 9 /-</b>	2018298575	2018394476	
2018251133	<b>H04L 25 /-</b>	<b>H04R 19 /-</b>	<b>H05G 1 /-</b>
2018273485	2018285093	2018290333	2018255281
<b>H02J 3 /-</b>	<b>H04L 27 /-</b>	<b>H04W 12 /-</b>	<b>H05K 1 /-</b>
2018255314	2018283178	2017413023	2017417125
2018257445	2018285093	2017427022	2018255321
2018273485	<b>H04L 29 /-</b>	2018268152	2018256754
2018276985	2018251804	<b>H04W 24 /-</b>	2018279893
2018291816	2018268152	2017426874	<b>H05K 5 /-</b>
2018396280	2018273171	<b>H04W 28 /-</b>	2018267689
<b>H02J 7 /-</b>	2018298575	2018273895	
2018269939	<b>H04L 5 /-</b>	<b>H04W 36 /-</b>	
<b>H02K 7 /-</b>	2018266439	2017413894	
2018260360	2018285093	2017430204	
<b>H02M 1 /-</b>	2018289047	2018273895	
2018255314	<b>H04L 9 /-</b>	<b>H04W 4 /-</b>	
<b>H02M 3 /-</b>	2017423496	2018269914	
2018257217	2017440029	2018293531	
<b>H02M 7 /-</b>	2018265526	<b>H04W 52 /-</b>	
2018255281	2018270157	2017426219	
2018255314	2018289459	<b>H04W 56 /-</b>	
<b>H02S 40 /-</b>	<b>H04M 1 /-</b>	2018261988	
2018276985	2018251804	<b>H04W 60 /-</b>	
<b>H03G 7 /-</b>	2018269394	2018257151	
2018253130	<b>H04M 3 /-</b>	<b>H04W 72 /-</b>	
<b>H03M 13 /-</b>	2018251804	2017411263	
2018294852	<b>H04N 13 /-</b>	2017412445	
<b>H04B 5 /-</b>	2018270109	2017427013	
2018269939	<b>H04N 19 /-</b>	2018262868	
<b>H04B 7 /-</b>	2018251489	2018269260	
2018301489	2018252853	2018285093	
<b>H04J 11 /-</b>	2018254570	2018289047	
2018263130	2018255414	2018290341	
<b>H04K 3 /-</b>	2018282523	2018408015	
2018273752	2018283967	<b>H04W 76 /-</b>	
<b>H04L 1 /-</b>	2018288866	2017413894	
2017412445	2018291156	2017429654	
2017418626	<b>H04N 21 /-</b>	<b>H04W 88 /-</b>	
2018263907	2017411918	2018257151	
2018285093	2018262622	2018269394	
2018289047	<b>H04N 5 /-</b>	<b>H05B 3 /-</b>	
2018290800	2018270420	2018341395	
	<b>H04N 7 /-</b>	<b>H05B 37 /-</b>	
	2017415653	2018263928	
	2018262622		

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**A61P 19/00** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
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(51) Int. Cl.

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**B32B 27/40** ( 2006.01 )  
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**C12N 9/42** ( 2006.01 )  
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**A61J 1/14** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
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**C04B 40/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.



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**(71)** Securemesh Pty Ltd  
**(11)** AU-B-2019226147  
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**(54)** SCREEN FRAME ASSEMBLY  
**(51)** Int. Cl.  
**E06B 7/23** ( 2006.01 )  
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**(51)** Int. Cl.  
**A01G 15/00** ( 2006.01 )  
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**(43)** 16.11.2017  
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**(72)** Cardi, Philippe  
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**(71)** Seres Therapeutics, Inc.  
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**(54)** SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF  
**(51)** Int. Cl.  
**A01N 63/00** ( 2006.01 )  
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**C10B 1/04** ( 2006.01 )  
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**(21)** 2014324438 **(22)** 30.09.2014  
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**(51)** Int. Cl.  
**G16B 30/00** ( 2019.01 )  
**C12Q 1/68** ( 2006.01 )  
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**(72)** Kural, Deniz  
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**(54)** A method of improving the wetted radius of high pressure water injection of lowly permeable coal seams through sublevel presplitting  
**(51)** Int. Cl.  
**E21B 43/20** ( 2006.01 )  
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**E21B 43/26** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.

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**(11)** AU-B-2017422763  
**(21)** 2017422763 **(22)** 21.12.2017  
**(54)** Elliptical and funnel-shaped jet nozzle structure  
**(51)** Int. Cl.  
**F25D 17/06** ( 2006.01 )  
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**(43)** 20.06.2019  
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**(54)** Fischer-Tropsch process  
**(51)** Int. Cl.  
**C10G 2/00** ( 2006.01 )

**B01J 37/18** ( 2006.01 )  
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**(54)** Method and system for liquefying a natural gas feed stream  
**(51)** Int. Cl.  
**F25J 1/00** ( 2006.01 )  
**F25J 1/02** ( 2006.01 )  
**(87)** WO2017/162566  
**(31)** 16161408.6 **(32)** 21.03.16 **(33)** EP  
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**(21)** 2017318277 **(22)** 16.08.2017  
**(54)** Methane oxidation catalyst, process to prepare the same and method of using the same  
**(51)** Int. Cl.  
**B01J 37/02** ( 2006.01 )  
**B01D 53/56** ( 2006.01 )  
**B01D 53/72** ( 2006.01 )  
**B01D 53/94** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**B01J 23/38** ( 2006.01 )  
**B01J 23/44** ( 2006.01 )  
**B01J 35/00** ( 2006.01 )  
**B01J 37/08** ( 2006.01 )  
**(87)** WO2018/041630  
**(31)** 62/381,643 **(32)** 31.08.16 **(33)** US  
**(43)** 08.03.2018  
**(44)** 05.12.2019  
**(72)** Tanev, Peter Tanev; Soorholtz, Mario  
**(74)** Spruson & Ferguson

**(71)** Shell Internationale Research Maatschappij B.V.  
**(11)** AU-B-2017318279  
**(21)** 2017318279 **(22)** 16.08.2017  
**(54)** Methane oxidation catalyst, process to prepare the same and method of using the same  
**(51)** Int. Cl.  
**B01J 37/02** ( 2006.01 )  
**B01D 53/72** ( 2006.01 )  
**B01D 53/94** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**B01J 23/38** ( 2006.01 )  
**B01J 23/44** ( 2006.01 )  
**B01J 35/00** ( 2006.01 )  
**B01J 35/02** ( 2006.01 )  
**B01J 37/08** ( 2006.01 )  
**(87)** WO2018/041632

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 (74) Spruson & Ferguson

(71) Shionogi & Co., Ltd.  
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 (54) Azaindole derivative having AMPK-activating effect

(51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 31/444* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 3/06* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 9/12* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )

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(43) 03.03.2016  
 (44) 05.12.2019  
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 (74) Davies Collison Cave Pty Ltd

(71) Siemens Aktiengesellschaft  
 (11) AU-B-2018233505  
 (21) 2018233505 (22) 15.02.2018  
 (54) Production of gas diffusion electrodes comprising ion transport resins for electrochemical reduction of CO<sub>2</sub> to afford chemical products

(51) Int. Cl.  
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 (51) Int. Cl.  
**C10M 169/06** ( 2006.01 )  
**C10N 10/02** ( 2006.01 )  
**C10N 10/04** ( 2006.01 )  
**C10N 30/00** ( 2006.01 )  
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 (31) 62/110,051 (32) 30.01.15 (33) US  
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 (74) Houlihan<sup>2</sup> Pty Ltd
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 (21) 2015226930 (22) 06.03.2015  
 (54) Devices for integrating analyte extraction, concentration and detection  
 (51) Int. Cl.  
**G01N 33/538** ( 2006.01 )  
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2015289474 (22) 17.07.2015  
 (54) Controllable self-annealing microgel particles for biomedical applications  
 (51) Int. Cl.  
**A61L 15/42** ( 2006.01 )  
**A61L 15/44** ( 2006.01 )  
**A61L 15/60** ( 2006.01 )  
 (87) WO2016/011387  
 (31) 62/103,002 (32) 13.01.15 (33) US  
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 (44) 05.12.2019  
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 (11) AU-B-2017223488  
 (21) 2017223488 (22) 22.02.2017  
 (54) Fuel canister and adapter for insect repellent device  
 (51) Int. Cl.  
**F23D 14/28** ( 2006.01 )  
**A01M 1/20** ( 2006.01 )  
**A61L 9/03** ( 2006.01 )  
**F23C 13/00** ( 2006.01 )  
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 (31) 62/298,639 (32) 23.02.16 (33) US  
 (43) 31.08.2017  
 (44) 05.12.2019  
 (72) Wang, Wender; Shapiro, Stephen  
 (74) James & Wells Intellectual Property
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 (21) 2014318839 (22) 10.09.2014  
 (54) Compositions and methods for the delivery of molecules into live cells  
 (51) Int. Cl.  
**C07K 1/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
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**C07K 14/00** ( 2006.01 )  
**C07K 17/00** ( 2006.01 )  
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 (31) 61/876,006 (32) 10.09.13 (33) US  
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 (72) Pellois, Jean-Philippe  
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 (51) Int. Cl.  
**C07K 1/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )

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**(44)** 05.12.2019  
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**(72)** WEINER, David B.; YAN, Jian  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2017313828  
**(21)** 2017313828 **(22)** 18.08.2017  
**(54)** Compositions and methods for cancer immunotherapy  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2018/035413  
**(31)** 62/376,680 **(32)** 18.08.16 **(33)** US  
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**(72)** Lisi, Steven A.; Ho, William; Lamb, Lawrence S.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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**(21)** 2017342076

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**(71)** The Walter and Eliza Hall Institute of Medical Research; Macquarie University  
**(11)** AU-B-2019201584  
**(21)** 2019201584 **(22)** 07.03.2019  
**(54)** IMMUNOSUPPRESSIVE GLYCOPOLYMERS OF SOLUBLE CD52  
**(51)** Int. Cl.  
**C07K 4/12** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C07K 9/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
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**(74)** The Walter and Eliza Hall Institute of Medical Research

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**(11)** AU-B-2017216718  
**(21)** 2017216718 **(22)** 09.02.2017  
**(54)** Pneumatic tire  
**(51)** Int. Cl.  
**B60C 11/11** ( 2006.01 )  
**B60C 11/01** ( 2006.01 )  
**B60C 11/03** ( 2006.01 )  
**(87)** WO2017/138623  
**(31)** 2016-023545 **(32)** 10.02.16 **(33)** JP  
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**(44)** 05.12.2019  
**(72)** Yamakawa, Takahiro  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Thomas Medical Ltd.  
**(11)** AU-B-2016242282  
**(21)** 2016242282 **(22)** 27.03.2016  
**(54)** Intra-oral device for upper airway support  
**(51)** Int. Cl.  
**A61F 5/56** ( 2006.01 )  
**(87)** WO2016/157174  
**(31)** 62/141,289 **(32)** 01.04.15 **(33)** US  
**(43)** 06.10.2016  
**(44)** 05.12.2019  
**(72)** Hadas, Noam  
**(74)** Wallington-Dummer

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**(11)** AU-B-2018201437  
**(21)** 2018201437 **(22)** 28.02.2018  
**(54)** SYSTEMS, METHODS, AND INTERFACES FOR PROVIDING ELECTRONIC BOOK VERSIONS WITHIN AN ACCESS DEVICE  
**(51)** Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**(43)** 22.03.2018  
**(44)** 05.12.2019  
**(62)** 2012336209  
**(72)** BENNETT, Daniel; DAUP, John Scott  
**(74)** AJ PARK

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**(71)** Thule Sweden AB  
**(11)** AU-B-2018391659  
**(21)** 2018391659 **(22)** 18.12.2018  
**(54)** Load carrier foot  
**(51)** Int. Cl.  
**B60R 9/058** ( 2006.01 )  
**B60R 9/05** ( 2006.01 )  
**(87)** WO2019/121651  
**(31)** 17208327.1 **(32)** 19.12.17 **(33)** EP  
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**(72)** Andersson, Stefan; Larsson, Fredrik  
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**(21)** 2016378266

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**(11)** AU-B-2016378266  
**(21)** 2016378266 **(22)** 20.12.2016  
**(54)** Method and system for analyzing a sample material  
**(51)** Int. Cl.  
**G01N 33/20** ( 2006.01 )  
**G01J 3/443** ( 2006.01 )  
**G01N 21/71** ( 2006.01 )  
**(87)** WO2017/108810  
**(31)** 10 2015 122 408.9 **(32)** 21.12.15 **(33)** DE  
**(43)** 29.06.2017

**(44)** 05.12.2019  
**(72)** Teutenberg, Reinhard; Schneberger, Jürgen; Bornefeld, Marc; Maier, Oliver  
**(74)** Griffith Hack

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**(71)** Tianjin Institute of Pharmaceutical Research Co., Ltd.  
**(11)** AU-B-2016253911  
**(21)** 2016253911 **(22)** 28.04.2016  
**(54)** Carboxylic acid URAT1 inhibitor containing diarylmethane structure, preparation method and use thereof  
**(51)** Int. Cl.  
**C07D 249/12** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 19/06** ( 2006.01 )  
**C07D 249/08** ( 2006.01 )  
**(87)** WO2016/173503  
**(31)** 201510216716.X **(32)** 30.04.15 **(33)** CN  
**(43)** 03.11.2016  
**(44)** 05.12.2019  
**(72)** Zhao, Guilong; Liu, Wei; Shang, Qian; Zhou, Zhixing; Wang, Yuli; Li, Yuqian; Zhang, Haizhi; Li, Chuan; Liu, Changying; Liu, Yuqiang; Xie, Yafei; Wu, Jingwei; Chen, Huihui; Xu, Weiren; Tang, Lida  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Tionesta, LLC  
**(11)** AU-B-2018358931  
**(21)** 2018358931 **(22)** 29.10.2018  
**(54)** Method and system for monitoring physical assets  
**(51)** Int. Cl.  
**H04L 29/08** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**H04W 4/021** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
**H04W 4/38** ( 2018.01 )  
**H04W 4/70** ( 2018.01 )  
**H04W 4/80** ( 2018.01 )  
**H04W 84/00** ( 2009.01 )  
**H04W 84/12** ( 2009.01 )  
**H04W 88/10** ( 2009.01 )  
**(87)** WO2019/089454  
**(31)** 15/799,348 **(32)** 31.10.17 **(33)** US  
**(43)** 09.05.2019  
**(44)** 05.12.2019  
**(72)** Struhsaker, Paul; Posner, Paul; Landers, Michael; Armstrong, Nicholas  
**(74)** Spruson & Ferguson

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**(71)** Tkatschenko, H.  
**(11)** AU-B-2015201723  
**(21)** 2015201723 **(22)** 06.04.2015  
**(54)** FLASHING ASSEMBLY AND FLASHING JUNCTION COVER ASSEMBLY  
**(51)** Int. Cl.  
**E04B 1/68** ( 2006.01 )  
**(31)** 2014901239 **(32)** 06.04.14 **(33)** AU  
**(43)** 22.10.2015  
**(44)** 05.12.2019  
**(72)** Tkatschenko, Heinz  
**(74)** protectmyidea.com.au

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**(21)** 2016382055

**(71)** Tolmar Therapeutics, Inc.  
**(11)** AU-B-2015358335  
**(21)** 2015358335 **(22)** 04.12.2015  
**(54)** Syringe plunger system with self-locking threaded geometry  
**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )  
**(87)** WO2016/090220  
**(31)** 62/087,436 **(32)** 04.12.14 **(33)** US  
**(43)** 09.06.2016  
**(44)** 05.12.2019  
**(72)** McCann, Kevin; Mugoye, Eric; Madril, Dominic  
**(74)** Madderns Pty Ltd

**(71)** Tongyu Communication Inc.  
**(11)** AU-B-2016418723  
**(21)** 2016418723 **(22)** 09.08.2016  
**(54)** Antenna unit, multi-array antenna system and base station thereof  
**(51)** Int. Cl.  
**H01Q 1/50** ( 2006.01 )  
**H01Q 5/50** ( 2015.01 )  
**(87)** WO2018/027538  
**(43)** 15.02.2018  
**(44)** 05.12.2019  
**(72)** Doudou, Samb; Wu, Zhonglin; Liu, Mulin  
**(74)** Shelston IP Pty Ltd.

**(71)** ToolGen Incorporated  
**(11)** AU-B-2017254854  
**(21)** 2017254854 **(22)** 31.10.2017  
**(54)** Composition For Cleaving A Target DNA Comprising A Guide RNA Specific For The Target DNA And Cas Protein-Encoding Nucleic Acid Or Cas Protein, And Use Thereof  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(43)** 16.11.2017  
**(44)** 05.12.2019  
**(62)** 2015218519  
**(72)** KIM, Jin-Soo; CHO, Seung Woo; KIM, Sojung; KIM, Jong Min; KIM, Seokjoong  
**(74)** WRAYS PTY LTD

**(71)** Toray Industries, Inc.  
**(11)** AU-B-2015293084  
**(21)** 2015293084 **(22)** 24.07.2015  
**(54)** Carbon film for fluid separation, fluid separation film module, and method for producing carbon film for fluid separation  
**(51)** Int. Cl.  
**B01D 71/02** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**B01D 63/02** ( 2006.01 )  
**B01D 69/08** ( 2006.01 )  
**B32B 5/24** ( 2006.01 )  
**(87)** WO2016/013676  
**(31)** 2014-187482 **(32)** 16.09.14 **(33)** JP

2014-150400 24.07.14 JP  
**(43)** 28.01.2016  
**(44)** 05.12.2019  
**(72)** Takeuchi, Kosaku; Tanaka, Kentaro; Mihara, Takaaki; Horiguchi, Tomoyuki  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Touch Networks Australia Pty Ltd  
**(11)** AU-B-2014218316  
**(21)** 2014218316 **(22)** 12.02.2014  
**(54)** Controlling usage of acquirer tokens stored within a merchant system  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**(87)** WO2014/124485  
**(31)** 2013900517 **(32)** 18.02.13 **(33)** AU  
**(43)** 21.08.2014  
**(44)** 05.12.2019  
**(72)** Van, Jason Andrew  
**(74)** Griffith Hack

**(71)** Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.  
**(11)** AU-B-2016311657  
**(21)** 2016311657 **(22)** 27.06.2016  
**(54)** STRUCTURED BODY HAVING LIQUID FILM, AND METHOD FOR PRODUCING THE SAME  
**(51)** Int. Cl.  
**B65D 23/02** ( 2006.01 )  
**B05D 1/02** ( 2006.01 )  
**B05D 1/36** ( 2006.01 )  
**B65D 85/72** ( 2006.01 )  
**(87)** WO2017/033558  
**(31)** 2015-163562 **(32)** 21.08.15 **(33)** JP  
**(43)** 02.03.2017  
**(44)** 05.12.2019  
**(72)** Nyuu, Keisuke; Okada, Yoshiaki; Miyazaki, Tomoyuki; Asakura, Mikio; Akutsu, Yosuke; Iwamoto, Shinya  
**(74)** Phillips Ormonde Fitzpatrick

**Toyo Seikan Group Holdings, Ltd. see Toyo Seikan Co., Ltd.**  
**(21)** 2016311657

**(71)** Transgene Biotek Tld  
**(11)** AU-B-2014282802  
**(21)** 2014282802 **(22)** 17.06.2014  
**(54)** Pharmaceutical formulations and methods for oral delivery of biologically active ingredient  
**(51)** Int. Cl.  
**A61K 38/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2014/203156  
**(31)** 2648/CHE/2013 **(32)** 18.06.13 **(33)** IN  
**(43)** 24.12.2014  
**(44)** 05.12.2019  
**(72)** Kollipara, Koteswara Rao; Ahuja, Rajiv; Puranik, Sarang S.; Gregory, Russell-Jones  
**(74)** Davies Collison Cave Pty Ltd

**(21)** 2019213320 **(22)** 06.08.2019  
**(54)** SYSTEMS AND METHODS FOR EX-VIVO ORGAN CARE USING LACTATE AS AN INDICATOR  
**(51)** Int. Cl.  
**A01N 1/02** ( 2006.01 )  
**(43)** 22.08.2019  
**(44)** 05.12.2019  
**(62)** 2017251745  
**(72)** HASSANEIN, Waleed; KHAYAL, Tamer; ELBETANONY, Ahmed; LEZBERG, Paul; CECERE, Giovanni; SOUSA, Dennis; HANSEN, Elizabeth  
**(74)** Maxwells Patent & Trade Mark Attorneys Pty Ltd

**(71)** Tripod Nano Technology Corporation  
**(11)** AU-B-2019202878  
**(21)** 2019202878 **(22)** 24.04.2019  
**(54)** METHOD OF MAKING AN INORGANIC PLATINUM COMPOUND  
**(51)** Int. Cl.  
**C01G 55/00** ( 2006.01 )  
**(31)** 107144228 **(32)** 07.12.18 **(33)** TW  
**(43)** 05.12.2019  
**(44)** 05.12.2019  
**(72)** Lu, Lin; Fan, Kuei-Sheng; Chiu, Chun-Lun; Yen, Han-Wu; Peng, Chi-Jiun; Wang, Cheng-Ding; Fang, Jim-Min  
**(74)** Madderns Pty Ltd

**TRON-Translationale Onkologie an der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH see Astellas Pharma Inc.**  
**(21)** 2018201391

**(71)** TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
**(11)** AU-B-2018202707  
**(21)** 2018202707 **(22)** 18.04.2018  
**(54)** A reciprocating tool and a method to control thereof  
**(51)** Int. Cl.  
**B23D 49/10** ( 2006.01 )  
**A01G 3/053** ( 2006.01 )  
**(31)** 17178417.6 **(32)** 28.06.17 **(33)** EP  
**(43)** 17.01.2019  
**(44)** 05.12.2019  
**(72)** LAM, Chin Hung  
**(74)** Griffith Hack

**(71)** TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
**(11)** AU-B-2018271332  
**(21)** 2018271332 **(22)** 29.11.2018  
**(54)** Blower/mulcher  
**(51)** Int. Cl.  
**A01G 20/47** ( 2018.01 )  
**E01H 1/08** ( 2006.01 )  
**F04D 19/00** ( 2006.01 )  
**(31)** 62/593,145 **(32)** 30.11.17 **(33)** US  
**(43)** 13.06.2019  
**(44)** 05.12.2019  
**(72)** HOFFMAN, Ronald J.; ECKARD, Lance A.  
**(74)** Griffith Hack

Applications Accepted - Name Index cont'd

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 (11) AU-B-2014314304  
 (21) 2014314304 (22) 26.08.2014  
 (54) Antibodies  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61P 11/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2015/028455  
 (31) 1315487.7 (32) 30.08.13 (33) GB  
 (43) 05.03.2015  
 (44) 05.12.2019  
 (72) Craggs, Graham; Herve, Karine Jeanne Madeleine; Marshall, Diane  
 (74) Griffith Hack

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(71) UNITED THERAPEUTICS CORPORATION  
 (11) AU-B-2018201231  
 (21) 2018201231 (22) 21.02.2018  
 (54) Treatment of pulmonary arterial hypertension with mesenchymal stem cells  
 (51) Int. Cl.  
     **A61K 31/5585** ( 2006.01 )  
 (43) 15.03.2018  
 (44) 05.12.2019  
 (62) 2013296611  
 (72) JEFFS, Roger; PETERSEN, Thomas; ILAGAN, Roger M.; WADE, Michael  
 (74) Griffith Hack

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(71) Universidade de Santiago de Compostela  
 (11) AU-B-2015270537  
 (21) 2015270537 (22) 03.06.2015  
 (54) Hydroalcoholic system for nail treatment  
 (51) Int. Cl.  
     **A61K 47/10** ( 2006.01 )  
     **A61K 9/00** ( 2006.01 )  
     **A61K 47/34** ( 2006.01 )  
 (87) WO2015/185647  
 (31) 14382215.3 (32) 04.06.14 (33) EP  
 (43) 10.12.2015  
 (44) 05.12.2019  
 (72) Otero Espinar, Francisco J.; Anguiano Igea, M. Soledad F.; Cutrin Gomez, M. Elena; Gomez Amoza, Jose Luis  
 (74) Spruson & Ferguson

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 (21) 2014298373

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Universite de Montpellier see VIB VZW  
 (21) 2018203868

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 (21) 2014333636

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(21) 2018203868  
 (71) Universite Pierre et Marie Curie (Paris 6); Centre National de la Recherche Scientifique  
 (11) AU-B-2014258981  
 (21) 2014258981 (22) 25.04.2014  
 (54) Methods for obtaining retinal progenitors, retinal pigmented epithelial cells and neural retinal cells  
 (51) Int. Cl.  
     **C12N 5/0793** ( 2010.01 )  
     **C12N 5/071** ( 2010.01 )  
     **C12N 5/079** ( 2010.01 )  
 (87) WO2014/174492  
 (31) 13165654.8 (32) 26.04.13 (33) EP  
 (43) 30.10.2014  
 (44) 05.12.2019  
 (72) Reichman, Sacha; Goureau, Olivier; Sahel, Jose-Alain  
 (74) Phillips Ormonde Fitzpatrick

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(71) University of Exeter; Universite de Poitiers; Centre National de la Recherche Scientifique  
 (11) AU-B-2014333636  
 (21) 2014333636 (22) 08.10.2014  
 (54) Compounds and compositions comprising such compounds for the prevention or treatment of dyslipidaemias  
 (51) Int. Cl.  
     **A61K 31/231** ( 2006.01 )  
     **A23L 33/00** ( 2016.01 )  
     **A61K 31/201** ( 2006.01 )  
     **A61P 3/00** ( 2006.01 )  
     **A61P 3/06** ( 2006.01 )  
     **A61P 3/10** ( 2006.01 )  
     **A61P 11/00** ( 2006.01 )  
     **A61P 11/12** ( 2006.01 )  
 (87) WO2015/052433  
 (31) 13/02334 (32) 08.10.13 (33) FR  
 (43) 16.04.2015  
 (44) 05.12.2019  
 (72) Spanova, Miroslava; Ferreira, Thierry; Clement, Romain; Dhayal, Shalinee; Morgan, Noel  
 (74) Davies Collison Cave Pty Ltd

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(71) University of Southern California; Sangamo Therapeutics, Inc.  
 (11) AU-B-2014262867  
 (21) 2014262867 (22) 06.05.2014  
 (54) Delivery methods and compositions for nuclease-mediated genome engineering  
 (51) Int. Cl.  
     **C12N 15/00** ( 2006.01 )  
 (87) WO2014/182700  
 (31) 61/821,872 (32) 10.05.13 (33) US  
 (43) 13.11.2014  
 (44) 05.12.2019  
 (72) Cannon, Paula M.; Exline, Colin Michael; Holmes, Michael C.  
 (74) WRAYS PTY LTD

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(71) University of Southern California  
 (11) AU-B-2015240720

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 (54) Autoimmunity and multiple sclerosis treatment  
 (51) Int. Cl.  
     **A61K 31/70** ( 2006.01 )  
     **A61K 38/00** ( 2006.01 )  
     **A61P 29/00** ( 2006.01 )  
 (87) WO2015/153850  
 (31) 61/974,189 (32) 02.04.14 (33) US  
 (43) 08.10.2015  
 (44) 05.12.2019  
 (72) Longo, Valter D.; Choi, In Young  
 (74) Shelston IP Pty Ltd.

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(71) University of Washington  
 (11) AU-B-2018201073  
 (21) 2018201073 (22) 14.02.2018  
 (54) Therapeutic nuclease compositions and methods  
 (51) Int. Cl.  
     **A61K 38/43** ( 2006.01 )  
 (43) 08.03.2018  
 (44) 05.12.2019  
 (62) 2016201790  
 (72) LEDBETTER, Jeffrey A.; HAYDEN-LEDBETTER, Martha; ELKON, Keith; SUN, Xizhang  
 (74) Spruson & Ferguson

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(71) Valspar Sourcing, Inc.  
 (11) AU-B-2018200522  
 (21) 2018200522 (22) 23.01.2018  
 (54) COATING COMPOSITIONS FOR CONTAINERS AND OTHER ARTICLES AND METHODS OF COATING  
 (51) Int. Cl.  
     **C09D 5/03** ( 2006.01 )  
     **B05D 1/00** ( 2006.01 )  
     **C09D 129/10** ( 2006.01 )  
 (43) 15.02.2018  
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<b>2014255527</b>	CellsLife Group LLP	<b>2015222150</b>	Sintetica S.A.
<b>2014256385</b>	CORE Linepipe Inc.	<b>2015222693</b>	SNS Unicorp Pty. Ltd.
<b>2014258981</b>	Universite Pierre et Marie Curie (Paris 6); Centre National de la Recherche Scientifique	<b>2015222879</b>	The Board of Regents of the University of Texas System
<b>2014260422</b>	Vomaris Innovations, Inc.	<b>2015226821</b>	Manrex Pty. Ltd.
<b>2014262673</b>	Clene Nanomedicine, Inc.	<b>2015226930</b>	The Regents of the University of California
<b>2014262867</b>	University of Southern California; Sangamo Therapeutics, Inc.	<b>2015231003</b>	Capnia, Inc.
<b>2014263503</b>	GenoDive Pharma Inc.	<b>2015231365</b>	Osprey Medical, Inc.
<b>2014265331</b>	Sangamo Therapeutics, Inc.	<b>2015231821</b>	Zimmer Biomet Cmf and Thoracic, LLC
<b>2014271292</b>	Dobbie, B.	<b>2015237352</b>	Heineken Supply Chain B.V.
<b>2014274592</b>	V-Lap Pty. Ltd.	<b>2015238802</b>	Biosense Webster (Israel) Ltd
<b>2014274982</b>	CytomX Therapeutics, Inc.	<b>2015239178</b>	YUYAMA MFG.Co.,Ltd.
<b>2014282802</b>	Transgene Biotek Tld	<b>2015240541</b>	Cubic Corporation
<b>2014289208</b>	Mars, Incorporated	<b>2015240720</b>	University of Southern California
<b>2014290400</b>	Sage Therapeutics, Inc.	<b>2015243095</b>	Covidien LP
<b>2014296278</b>	PhaseRx, Inc.	<b>2015243287</b>	B. Braun Melsungen AG
<b>2014298373</b>	argenx SE; Ludwig Institute For Cancer Research Ltd; Universite catholique de Louvain	<b>2015243888</b>	Emerson Process Management Regulator Technologies, Inc.
<b>2014305232</b>	Fisher & Paykel Healthcare Limited	<b>2015244114</b>	Intuit Inc.
<b>2014307481</b>	Nasu, Y.; Share-X Co., Ltd.	<b>2015244572</b>	National Cancer Center
<b>2014314304</b>	UCB Biopharma SPRL	<b>2015247776</b>	Dematic Corp.
<b>2014317025</b>	Mars, Incorporated	<b>2015247829</b>	Balance Therapeutics, Inc.
<b>2014317119</b>	F. Hoffmann-La Roche AG	<b>2015249714</b>	Intuit Inc.
<b>2014318839</b>	The Texas A&M University System	<b>2015251072</b>	Eggciting Products B.V.
<b>2014322666</b>	Council of Scientific & Industrial Research	<b>2015255174</b>	Insitu, Inc.
<b>2014324438</b>	Seven Bridges Genomics Inc.	<b>2015255269</b>	FMC Corporation
<b>2014324480</b>	Crown Equipment Corporation	<b>2015255371</b>	Steeper Energy Aps
<b>2014327989</b>	Zhang, H.	<b>2015256283</b>	Frontier Scientific, Inc.
<b>2014333636</b>	University of Exeter; Universite de Poitiers; Centre National de la Recherche Scientifique	<b>2015259419</b>	Microsoft Technology Licensing, LLC
<b>2014334841</b>	Intuit Inc.	<b>2015261886</b>	Philip Morris Products S.A.
<b>2014338520</b>	Bharat Biotech International Limited	<b>2015261888</b>	Philip Morris Products S.A.
<b>2014340652</b>	NuXcel, Inc.	<b>2015262022</b>	Ses IP AB
<b>2014342834</b>	Intuit Inc.	<b>2015263799</b>	Grainfrac Inc.
<b>2014352833</b>	Ottomotto LLC	<b>2015264112</b>	Cadenza Innovation, Inc.
<b>2014356581</b>	Grunenthal GmbH	<b>2015266850</b>	Glaukos Corporation
<b>2014359284</b>	Ares Trading S.A.	<b>2015267189</b>	Illumina, Inc.
<b>2014360629</b>	Thales Canada Inc.	<b>2015268762</b>	Biosense Webster (Israel) Ltd.
<b>2014369040</b>	DSM IP Assets B.V.	<b>2015269678</b>	Likarda, LLC
<b>2014371389</b>	Jellyfish Research Laboratories, Inc.; Maruwa Oil & Fat Co., Ltd.	<b>2015270537</b>	Universidade de Santiago de Compostela
<b>2014372657</b>	Institut Pasteur	<b>2015271763</b>	Amgen Inc.
<b>2014372658</b>	CommScope Connectivity Belgium BVBA	<b>2015275773</b>	Flexidrill Limited
<b>2014373656</b>	Cornell University; Memorial Sloan Kettering Cancer Center; Quest Projects B.V.	<b>2015276158</b>	Meda OTC AB
<b>2014373841</b>	Video Gaming Technologies, Inc.	<b>2015279984</b>	Effector Therapeutics, Inc.
<b>2014373858</b>	Methode Electronics, Inc.	<b>2015284592</b>	Black & Veatch Holding Company
<b>2014374436</b>	Axess Direct, Inc.	<b>2015287786</b>	Eaton Intelligent Power Limited
<b>2014374936</b>	Medi-Tate Ltd.	<b>2015288875</b>	Oci Co., Ltd.; Daio Paper Corporation
<b>2014374947</b>	Electric Road Ltd.	<b>2015289185</b>	Novomatic AG
<b>2014378717</b>	ABB HV Cables (Switzerland) GmbH	<b>2015289474</b>	The Regents of the University of California
<b>2014407123</b>	Kimberly-Clark Worldwide, Inc.	<b>2015293084</b>	Toray Industries, Inc.
<b>2014408223</b>	Microsoft Technology Licensing, LLC	<b>2015293772</b>	H.E.F.
<b>2014414444</b>	Medartis Holding AG	<b>2015294987</b>	Stomppy S.r.l.
<b>2014414868</b>	Nitto Denko Corporation	<b>2015300962</b>	Interdigital Patent Holdings, Inc.
<b>2015200998</b>	Tadano Mantis Corporation	<b>2015301376</b>	Caterpillar Inc.
<b>2015201060</b>	Wilcox Industries Corp.	<b>2015301891</b>	Angion Biomedica Corporation
<b>2015201265</b>	WENCO S.A.	<b>2015303354</b>	Solvay SA
<b>2015201369</b>	DePuy Synthes Products, Inc.	<b>2015304048</b>	Elfa International AB
<b>2015201723</b>	Tkatschenko, H.	<b>2015305255</b>	Ebay Inc.
		<b>2015305525</b>	Evapco, Inc.
		<b>2015309201</b>	Electrolux Appliances Aktiebolag
		<b>2015309863</b>	Shionogi & Co., Ltd.
		<b>2015311252</b>	Fresenius Medical Care Deutschland GmbH

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2015313934	AMO Groningen B.V.	2016288150	Hitachi Construction Machinery Co., Ltd.
2015316132	Pega Medical Inc.	2016297435	W.L. Gore & Associates, Inc.
2015321415	King Furniture Australia Pty Ltd	2016304864	Amazon Technologies, Inc.
2015323351	Storone Ltd.	2016308822	W. L. Gore & Associates, Inc.
2015323582	Tech-Ni-Fold Limited	2016311657	Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.
2015325097	Kraft Foods Group Brands LLC	2016313251	Nicoventures Holdings Limited
2015326129	Daisho Chemical R&D Inc.; Sonic Foundation Pte Ltd	2016313770	Shell Internationale Research Maatschappij B.V.
2015327345	Merck Patent GmbH	2016314002	Sumitomo Metal Mining Co., Ltd.
2015327346	Merck Patent GmbH	2016335437	LG Electronics Inc.
2015330141	F. Hoffmann-La Roche AG	2016335438	LG Electronics Inc.
2015331883	Fathym, Inc.	2016336583	LG Electronics Inc.
2015333935	Monsanto Technology LLC	2016337264	The Climate Corporation
2015333939	Bausch & Lomb Incorporated	2016348815	Outotec (Finland) Oy
2015335172	Syngenta Participations AG	2016349358	Biolncept, LLC
2015336923	Power, S.; Long, D.A.J.	2016349743	Telefonaktiebolaget LM Ericsson (publ)
2015338483	Panasonic Intellectual Property Management Co., Ltd.	2016355972	Bioncotech Therapeutics, S.L
2015338637	Integrated Pool Products (Pty) Ltd	2016363036	Ricoh Company, Ltd.
2015340300	BicycleRD Limited	2016368519	Fronius International GmbH
2015340814	Industrie De Nora S.p.A.	2016378005	Fuji Xerox Co., Ltd.
2015342167	Hyprevention	2016378211	MASTERCARD INTERNATIONAL INCORPORATED
2015347444	Samsung Electronics Co., Ltd.	2016378266	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
2015355275	Biomedical Enterprises, Inc.	2016382055	National University Corporation Hokkaido University; Tokyo Medical University; Bonac Corporation
2015358335	Tolmar Therapeutics, Inc.	2016382976	Glaxens Incorporated
2015358616	V-Glass LLC	2016385330	LG Electronics Inc.
2015365750	Veolia Environment - VE	2016386053	Google LLC
2015365965	Sasol Wax GmbH	2016390142	Sony Corporation
2015369734	Raytheon Company	2016405636	Biolidics Limited
2015370954	B. Braun Melsungen AG	2016407204	Micro Motion, Inc.
2015376928	Ecolab Inc.	2016418723	Tongyu Communication Inc.
2015407889	CG Bio Co., Ltd.	2016420053	Deschamps, N.H.
2015412035	Telefonaktiebolaget LM Ericsson (publ)	2016423907	Mitsubishi Electric Corporation
2015417472	ESAB AB	2016428302	Honda Motor Co.,Ltd.
2016200684	Professional Compounding Centers of America (PCCA)	2016429628	Qingdao Haier Joint Stock Co., Ltd
2016201271	ABB Schweiz AG	2017200555	Exelixis, Inc.
2016201516	Sumitomo Rubber Industries, Ltd.	2017200687	Mygrain Solutions Pty Ltd
2016201685	ABB Schweiz AG	2017203467	FreeHold Surgical, Inc.
2016202070	Rohm and Haas Company	2017204367	Liquid Robotics, Inc.
2016202537	Schneider Electric Industries SAS	2017204808	Simpson Strong-Tie Company, Inc.
2016207023	10X Genomics, Inc.	2017204880	Risco USA Corporation
2016211733	The Lubrizol Corporation	2017207339	W. L. Gore & Associates, Inc.
2016212004	Ecolab USA Inc.	2017208295	Acceleron Pharma Inc.
2016214069	Naturex SA	2017209092	The Cleveland Clinic Foundation
2016214918	Autom River Inc.	2017209945	Telefonaktiebolaget LM Ericsson (publ)
2016214981	Cummins, M.	2017210060	Baker Hughes, a GE Company, LLC
2016219013	ESCO Group LLC	2017212441	Huawei Technologies Co., Ltd.
2016221605	Roal Oy	2017213490	ICR Turbine Engine Corporation
2016221725	Taminco Finland Oy	2017213819	Milwaukee Electric Tool Corporation
2016224843	Feramda Ltd.	2017214686	Crayola, LLC
2016227603	TFChem	2017216503	BGC Partners, Inc.
2016227621	Peter und Traudl Engelhorn-Stiftung zur Förderung der Lebenswissenschaften	2017216718	The Yokohama Rubber Co., Ltd.
2016228500	ERGOLASH pat. ApS	2017217771	Welltec A/S
2016231635	Shandong University of Science and Technology	2017221464	PPG Industries Ohio, Inc.
2016237291	Chiyoda Corporation	2017221833	Dejero Labs Inc.
2016242282	Thomas Medical Ltd.	2017223132	Pfizer Inc.
2016245772	K2M, Inc.	2017223488	Thermacell Repellents, Inc.
2016251314	Ferring B.V.	2017225512	Covidien LP
2016251564	Innovative Office Products, LLC	2017225820	GlaxoSmithKline Biologicals S.A.
2016253911	Tianjin Institute of Pharmaceutical Research Co., Ltd.	2017228468	Genentech, Inc.
2016257653	Graco Minnesota Inc.	2017228635	Glass Vice Holdings Limited
2016257654	Graco Minnesota Inc.	2017228643	Aptevo Research and Development LLC
2016258274	DFH Therapeutics, Inc.; Hetero Labs Limited	2017228709	Gort-Barten, A.
2016261299	Janssen Vaccines & Prevention B.V.	2017228991	Purple Innovation, LLC
2016263564	Amgen Inc.	2017232211	The Gillette Company LLC
2016267531	Dentsply Sirona Inc.; DeguDent GmbH	2017232239	Xyleco, Inc.
2016267539	CSL Behring Lengenau AG	2017233227	Telefonaktiebolaget LM Ericsson (publ)
2016269158	ABB Schweiz AG	2017233895	Eurofilters N.V.
2016269641	Nagravision S.A.	2017234146	Wm. Wrigley Jr. Company
2016269666	Nuovo Pignone Tecnologie Srl	2017235953	Aerpio Therapeutics Inc.
2016270918	Dow AgroSciences LLC; Purdue Research Foundation	2017236002	THE CHINESE UNIVERSITY OF HONG KONG
2016274496	Wideorbit Inc.		
2016276426	Fresenius Kabi Oncology Ltd.		

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2017237062	Schlage Lock Company LLC	2017330257	Boston Scientific Limited
2017237356	Shell Internationale Research Maatschappij B.V.	2017330339	X Development LLC
2017239485	Fisher & Paykel Healthcare Limited	2017330370	Verb Surgical Inc.
2017240490	Dexcom, Inc.	2017330514	Apple Inc.
2017240611	LG Electronics Inc.	2017332498	Verily Life Sciences LLC
2017240615	LG Electronics Inc.	2017332547	Apple Inc.
2017241654	Apex Brands, Inc.	2017332697	Boston Scientific Scimed, Inc.
2017242392	Komatsu Ltd.	2017333909	Daikin Industries, Ltd.
2017245267	Nevro Corporation	2017336329	IMS GmbH
2017248416	Bayer HealthCare LLC	2017336785	Terumo Corporation
2017251790	Vapotherm, Inc.	2017342022	Array BioPharma Inc.
2017251797	Regeneron Pharmaceuticals, Inc.	2017342076	Case Western Reserve University; The University of Chicago
2017254189	Daikin Industries, Ltd.	2017345812	Nantomics, LLC
2017254729	Safe Passage Pty Ltd	2017347919	Kenyon International, Inc.
2017254831	Calimmune Inc.	2017351940	Dyson Technology Limited
2017254854	ToolGen Incorporated	2017353266	VANDEWIELE NV
2017257967	Haupt, R.	2017356809	Hong Kong Beida Jade Bird Display Limited
2017258806	Rheem Manufacturing Company	2017360362	CHEP Technology Pty Limited
2017258863	Becton, Dickinson and Company	2017362635	OLKO-Maschinentchnik GmbH
2017259117	Covidien LP	2017363883	Fitness Anywhere LLC
2017260003	Ionis Pharmaceuticals, Inc.; Astrazeneca AB	2017364784	Pola Chemical Industries, Inc.
2017261120	Moda IP Limited; Newcombe, R.; Melville, A.; Noakes, D.; Wright, H.; Frietsch, T.; Donovan, R.	2017364787	Pola Chemical Industries, Inc.
2017261898	Selerys	2017365285	Roche Diabetes Care GmbH; F. Hoffmann-La Roche AG
2017262424	Bobst Mex SA	2017366196	Granberg AS
2017265003	AKS INDUSTRIES AUSTRALIA PTY LTD	2017386268	Colgate-Palmolive Company
2017265022	Ocata Therapeutics, Inc.	2017386900	Dropbox, Inc.
2017265076	The Trustees of the University of Pennsylvania	2017388358	Decon7 Systems, LLC
2017265078	Darcy Technologies Limited	2017392251	South China University of Technology
2017265104	Tetrasun, Inc.	2017394617	New York Air Brake, LLC
2017265113	Glory Ltd.	2017399097	Mitsubishi Electric Corporation
2017267392	Battelle Memorial Institute	2017399773	EnWave Corporation
2017267404	Hexagon Technology AS	2017400922	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
2017268583	Tata Consultancy Services Limited	2017409109	Ping An Technology (Shenzhen) Co., Ltd.
2017268594	Oxford University Innovation Limited	2017415083	BOE Technology Group Co., Ltd.; Beijing BOE Display Technology Co., Ltd.
2017271169	LG Electronics Inc.	2017422763	Shanghai Ocean University
2017272156	LifeCell Corporation	2018200007	SUPERCELL OY
2017272163	Guardtime SA	2018200026	Baxalta GmbH; Baxalta Incorporated
2017272327	Xyleco, Inc.	2018200091	The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
2017276194	So Spark Ltd.	2018200442	APO-T B.V.
2017276206	Dolby International AB	2018200522	Valspar Sourcing, Inc.
2017276209	Dolby International AB	2018200543	Maxtrax Australia Pty Ltd
2017277381	F. Hoffmann-La Roche AG	2018200549	Tela Innovations, Inc.
2017277650	Conmed Corporation	2018200550	Gladoor Taiwan Limited
2017278674	Motorola Solutions, Inc.	2018200580	The General Hospital Corporation
2017279621	Bayer HealthCare LLC	2018200736	Verseon Corporation
2017279677	Dolby International AB	2018200765	Van De Sluis, J.; Van De Sluis, C.
2017279691	Cumulus Energy Storage Limited	2018201012	Biogen MA Inc.
2017279723	Joy Global Underground Mining LLC	2018201073	University of Washington
2017281699	3M Innovative Properties Company	2018201133	Dolby International AB
2017284088	Apple Inc.	2018201231	UNITED THERAPEUTICS CORPORATION
2017289014	Hanmi Pharm. Co., Ltd.	2018201288	Joe Santa & Associates Pty Limited
2017289194	Baylor College of Medicine	2018201301	GENENTECH, INC.
2017289560	Lesaffre et Compagnie	2018201391	Astellas Pharma Inc.; TRON-Translationale Onkologie an der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
2017290406	Dehn + Söhne GmbH + Co. KG	2018201437	Thomson Reuters Global Resources Unlimited Company
2017291562	Kabushiki Kaisha Miyanaga	2018201444	Prolacta Bioscience, Inc.
2017293271	Jeil Pharmaceutical Co., Ltd.	2018201494	Stryker Corporation
2017297299	Eli Lilly and Company	2018201628	ESCO Group LLC
2017301537	X Development LLC	2018201715	Baxter International Inc.; Baxter Healthcare SA
2017302245	Intuit Inc.	2018201729	Kaiser, T.; Wassermann, C.
2017303169	Daikin Industries, Ltd.; Daikin Europe N.V.	2018201781	AbbVie Biotechnology Ltd; Elcam Medical Agricultural Cooperative Association Ltd.
2017312716	Crystaphase Products, Inc.	2018201905	Accurate Repetition Pty. Limited
2017313828	The UAB Research Foundation; Incysus Therapeutics, Inc.	2018201942	lpsen Biopharm Ltd.
2017314592	LG Electronics Inc.		
2017315241	Alfieri, M.; Courey, S.		
2017318277	Shell Internationale Research Maatschappij B.V.		
2017318279	Shell Internationale Research Maatschappij B.V.		
2017321216	Northrop Grumman Systems Corporation		
2017324627	Elekta, Inc.		
2017329043	Boston Scientific Scimed, Inc.		
2017329461	VANDEWIELE NV		

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2018202000	Janssen Sciences Ireland UC	2018390991	PolyNovo Biomaterials Pty Limited
2018202191	Pierias, C.	2018390992	PolyNovo Biomaterials Pty Limited
2018202201	NovaBiotics Limited	2018391659	Thule Sweden AB
2018202528	Boston Scientific Neuromodulation Corporation	2018403989	PolyNovo Biomaterials Pty Limited
2018202581	AbbVie Inc.	2019200285	Isolynx, LLC
2018202707	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2019200695	Xyleco, Inc.
2018203215	Apple Inc.	2019200971	Covidien LP
2018203239	L.A.Nova Lighting & Electrical Appliance Co., Limited	2019201130	Ventana Medical Systems, Inc.
2018203272	AMO Wavefront Sciences, LLC	2019201401	Allied-Tek (Thailand) Company Limited
2018203285	Horizon Global Pty Ltd	2019201584	The Walter and Eliza Hall Institute of Medical Research; Macquarie University
2018203337	Alios BioPharma, Inc.	2019201681	C.R. Bard, Inc.
2018203347	FISHER & PAYKEL HEALTHCARE LIMITED	2019201854	Dropbox, Inc.
2018203354	Novira Therapeutics, Inc.	2019202623	Salpietra, J.
2018203359	Carbonxt Group Ltd.	2019202878	Tripod Nano Technology Corporation
2018203739	Google LLC	2019203406	Ecolab Usa, Inc.
2018203822	OrthAlign, Inc.	2019213320	TransMedics, Inc.
2018203847	Apple Inc.	2019222883	ATI Properties LLC
2018203868	VIB VZW; Universite de Montpellier; Centre Hospitalier Regional Universitaire de Montpellier; Universiteit Gent; Centre National De La Recherche Scientifique	2019226147	Securemesh Pty Ltd
2018203882	Sybiomix Therapeutics, LLC	2019229336	Vawdrey Australia Pty. Ltd.
2018204092	Depuy Ireland Unlimited Company	2019240620	Apple Inc.
2018204108	Amazentis SA	2019246846	BIS Industries Limited
2018204187	Agnovos Healthcare, LLC	2019250112	Nextleaf Solutions Ltd.
2018204406	Seres Therapeutics, Inc.		
2018204462	Dolby Laboratories Licensing Corporation		
2018204721	Precision Planting LLC		
2018204754	FISHER & PAYKEL HEALTHCARE LIMITED		
2018204777	Medtronic Minimed, Inc.		
2018205091	Surgimatix, Inc.		
2018206794	LG Electronics Inc.		
2018208741	Implantica Patent Ltd		
2018209967	Fresenius Medical Care Holdings, Inc.		
2018214097	Apple Inc.		
2018217248	LIN, H.		
2018217301	Ishida Co., Ltd.		
2018220152	GARUDADRI, H.		
2018220155	Yeda Research and Development Co. Ltd.		
2018226417	Ecolab USA Inc.		
2018226426	General Mills, Inc.		
2018233013	ZhongAn Information Technology Services Co.,Ltd.		
2018233505	Siemens Aktiengesellschaft		
2018236844	IBC Pharmaceuticals, Inc.		
2018241093	Schumacher Electric Corp.		
2018241153	Owens-Brockway Glass Container Inc.		
2018244917	Google LLC		
2018246925	MIPS AB		
2018247221	Volkswagen de México S.A. de C.V.		
2018247255	Alkermes, Inc.		
2018247344	Devicor Medical Products, Inc		
2018253519	Innolith Assests AG		
2018253992	McCloskey International, Ltd.		
2018256467	Ardyne Holdings Limited		
2018256468	Burchat, C.		
2018256512	Covidien LP		
2018260790	Essity Hygiene and Health Aktiebolag		
2018260978	Ecolab USA Inc.		
2018271332	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2018271348	Canon Kabushiki Kaisha		
2018271349	Canon Kabushiki Kaisha		
2018271350	Canon Kabushiki Kaisha		
2018271364	Covidien LP		
2018274888	Bluebird Bio, Inc.		
2018275024	Tata Communications (America) Inc.		
2018278943	Merck & Cie		
2018279062	MINEX CRC LTD		
2018282249	Waterson Corp.; Chen, W.		
2018282459	Mitsubishi Heavy Industries Engineering, Ltd.		
2018286597	Makani Technologies LLC		
2018340881	Nextleaf Solutions Ltd		
2018358931	Tionesta, LLC		
2018387125	PolyNovo Biomaterials Pty Limited		

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2017204367	<b><u>A01N 33 /-</u></b>	2017392251	<b><u>A47C 17 /-</u></b>	2016245772	2018203822
<b><u>A01D 34 /-</u></b>	2014271292	2017399773	2015321415	2017203467	2018208741
2016428302	<b><u>A01N 37 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47C 27 /-</u></b>	2017207339	2018387125
2018200765	2015255269	2017399773	2014374436	2017209092	2018390991
2018204721	2018260978	<b><u>A23L 2 /-</u></b>	2016214981	2017277381	2018390992
<b><u>A01D 75 /-</u></b>	<b><u>A01N 59 /-</u></b>	2017289560	2017327650	2017277650	<b><u>A61F 5 /-</u></b>
2018200765	2014307481	<b><u>A23L 29 /-</u></b>	2017329043	2017330257	2016214981
<b><u>A01F 25 /-</u></b>	<b><u>A01N 63 /-</u></b>	2017399773	2017228991	2017332697	2016242282
2017200687	2018204406	<b><u>A23L 3 /-</u></b>	<b><u>A47C 7 /-</u></b>	2018204092	<b><u>A61F 9 /-</u></b>
<b><u>A01G 15 /-</u></b>	2018274888	2016214069	2015321415	2018205091	2015266850
2017261898	<b><u>A01N 65 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47J 27 /-</u></b>	2018256512	2015333939
<b><u>A01G 20 /-</u></b>	2018204406	2014317025	2017347919	2018271364	
2018271332	<b><u>A01P 1 /-</u></b>	2014333636	<b><u>A47J 29 /-</u></b>	2019200971	
<b><u>A01G 3 /-</u></b>	2014307481	2016313251	2015251072		<b><u>A61G 7 /-</u></b>
2018202707	<b><u>A01P 3 /-</u></b>	2018204108	<b><u>A47J 31 /-</u></b>	<b><u>A61B 18 /-</u></b>	2016214981
<b><u>A01H 1 /-</u></b>	2014307481	<b><u>A23P 10 /-</u></b>	2017228709	2015268762	
2016270918	<b><u>A21C 11 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A47J 37 /-</u></b>	2017225512	<b><u>A61J 1 /-</u></b>
<b><u>A01H 3 /-</u></b>	2018226426	2017399773	2018201729	2017259117	2015226821
2016270918	<b><u>A21C 9 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A47K 10 /-</u></b>	2017336329	2017365285
<b><u>A01H 4 /-</u></b>	2018226426	2015261886	2018260790	<b><u>A61B 3 /-</u></b>	
2016270918	<b><u>A21D 2 /-</u></b>	2015261888	<b><u>A47K 5 /-</u></b>	2018203272	<b><u>A61J 3 /-</u></b>
<b><u>A01H 5 /-</u></b>	2017399773	2016313251	2018226417	<b><u>A61B 34 /-</u></b>	2015239178
2015333935	<b><u>A22C 13 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A47L 15 /-</u></b>	2017330370	<b><u>A61K 31 /-</u></b>
<b><u>A01K 1 /-</u></b>	2015288875	2017366196	2016385330	<b><u>A61B 5 /-</u></b>	2014290400
2016214981	<b><u>A22C 17 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A47L 5 /-</u></b>	2014373656	2014317025
<b><u>A01K 67 /-</u></b>	2017204880	2018246925	2017240615	2014414868	2014317119
2014243807	<b><u>A23B 4 /-</u></b>	<b><u>A45B 25 /-</u></b>	2017314592	2015231003	2014318839
2017251797	2016214069	2018202191	<b><u>A47L 9 /-</u></b>	2016382976	2014333636
2017254831	<b><u>A23C 7 /-</u></b>	<b><u>A46B 11 /-</u></b>	2017240611	2017240490	2014369040
2017289194	2018260978	2017351940	2017240615	2018203272	2015208205
2017332498	<b><u>A23C 9 /-</u></b>	<b><u>A46B 15 /-</u></b>	2017314592	2018204777	2015208291
<b><u>A01K 97 /-</u></b>	2017399773	2017351940	<b><u>A61B 1 /-</u></b>	2018220152	2015222150
2017254729	2018201444	<b><u>A47B 53 /-</u></b>	2014373656	2018358931	2015240720
<b><u>A01M 1 /-</u></b>	<b><u>A23D 7 /-</u></b>	2015323351	2015243095	<b><u>A61B 50 /-</u></b>	2015247829
2017223488	2014369040	<b><u>A47B 57 /-</u></b>	2017225512	2019201681	2015276158
<b><u>A01N 1 /-</u></b>	2014369040	2015304048	<b><u>A61B 10 /-</u></b>	<b><u>A61B 90 /-</u></b>	2015279984
2019213320	<b><u>A23D 9 /-</u></b>	<b><u>A47B 96 /-</u></b>	2018247344	2015327346	2015301891
<b><u>A01N 25 /-</u></b>	2014369040	2015304048	<b><u>A61B 17 /-</u></b>	2015330141	2015309863
			2014414444	2015327346	2015327345
			2015219429	2017259117	2015330141
			2015231821	2017330257	2016224843
			2015243095	2017332697	2016227603
			2015316132	2017336329	2016253911
			2015342167		2016258274
				<b><u>A61C 17 /-</u></b>	2016263564
				2017351940	2016276426
				<b><u>A61C 19 /-</u></b>	2016382055
				2017223132	2017200555
				2017386268	2017223132
				<b><u>A61F 13 /-</u></b>	2017235953
				2014407123	2017260003
				<b><u>A61F 2 /-</u></b>	2017293271
				2014414444	2017313828
				2015201369	2017342022
				2015313934	2018200736
				2017207339	2018201231
					2018201942
					2018202000
					2018202581
					2018203337
					2018203354



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2018203882	<b><u>A61K 47 /-</u></b>	<b><u>A61L 9 /-</u></b>	2015301891	<b><u>A61P 33 /-</u></b>	<b><u>B01D 15 /-</u></b>
2018204108					
2018278943	2015222150	2017223488	<b><u>A61P 11 /-</u></b>	2014317025	2016297435
2018340881	2015270537				
2019250112	2016200684	<b><u>A61M 1 /-</u></b>	2014314304	<b><u>A61P 35 /-</u></b>	<b><u>B01D 33 /-</u></b>
<b><u>A61K 33 /-</u></b>	2016355972	2015231365	2014333636	2014274982	2016348815
	2017289014	2015311252	2015301891	2014314304	
2014262673	2017336785	2017277381	2016224843	2014317119	<b><u>B01D 39 /-</u></b>
2014307481	2018200580	2017365285	<b><u>A61P 13 /-</u></b>	2015244572	
	2018236844	2018201494		2015301891	2017233895
<b><u>A61K 35 /-</u></b>	<b><u>A61K 48 /-</u></b>	2018201715	2015301891	2016224843	<b><u>B01D 46 /-</u></b>
		2018209967	2015330141	2016276426	
2014255527	2016382055			2016355972	
2017254831	2017254831	<b><u>A61M 11 /-</u></b>	<b><u>A61P 17 /-</u></b>	2017228643	2016308822
	2017260003			2017342022	
<b><u>A61K 36 /-</u></b>	<b><u>A61K 49 /-</u></b>	2017251790	2015301891	2018200026	<b><u>B01D 53 /-</u></b>
			2016224843	2018201942	
2014317025	<b><u>A61K 49 /-</u></b>	<b><u>A61M 15 /-</u></b>	<b><u>A61P 19 /-</u></b>	2018278943	2015293084
2018204108	2015244572				2017312716
2018340881		2016313251	<b><u>A61P 19 /-</u></b>	<b><u>A61P 37 /-</u></b>	2017318277
2019250112	<b><u>A61K 6 /-</u></b>				2017318279
		<b><u>A61M 16 /-</u></b>	2015301891	2015327345	2018203359
<b><u>A61K 38 /-</u></b>	2016267531		2016224843	2015327346	<b><u>B01D 59 /-</u></b>
		<b><u>A61M 16 /-</u></b>	2016253911	2019201584	
2014282802	<b><u>A61K 8 /-</u></b>	2014305232	2017208295		
2014318839		2017239485	<b><u>A61P 21 /-</u></b>	<b><u>A61P 43 /-</u></b>	2017267392
2015208291	2015269678	2017251790			
2015240720	2016227603	2018203347	2014233436	2015301891	<b><u>B01D 63 /-</u></b>
2016200684	2017364784	2018204754	2017208295	2015309863	
2016261299	2017364787	<b><u>A61M 25 /-</u></b>			2015293084
2016349358			<b><u>A61P 25 /-</u></b>	<b><u>A61P 5 /-</u></b>	2016297435
2017208295	<b><u>A61K 9 /-</u></b>	2015231365			<b><u>B01D 69 /-</u></b>
2017289014		2015268762	2014290400	2015330141	
2018201073	2014262673	2015370954	2015247829	2016200684	2015293084
2018202201	2014307481	<b><u>A61M 29 /-</u></b>	2015301891		
2018203868	2014322666		2017208295	<b><u>A61P 9 /-</u></b>	<b><u>B01D 71 /-</u></b>
2018220155	2014356581	2014374936	2017223132	2015301891	
2018236844	2015208291	2017329043	2018220155	2015309863	2015293084
2019201584	2015222150			2015330141	<b><u>B01F 3 /-</u></b>
	2015270537	<b><u>A61M 3 /-</u></b>	<b><u>A61P 27 /-</u></b>	2016263564	
<b><u>A61K 39 /-</u></b>	2015330141				2017388358
	2016355972	2018201494	2016224843	<b><u>A61Q 19 /-</u></b>	
2014274982	2018200580		2016382055		<b><u>B01J 13 /-</u></b>
2014282802	2018201942	<b><u>A61M 5 /-</u></b>	2017235953	2016227603	
2014289208	2018202201		2018200736	2017364784	2016313251
2014298373		2015231365	<b><u>A61P 29 /-</u></b>	2017364787	
2014314304	<b><u>A61L 15 /-</u></b>	2015243287			<b><u>B01J 19 /-</u></b>
2014338520		2015271763	2014233436	<b><u>A63B 21 /-</u></b>	
2017208295	2015289474	2015358335	2015240720		2016207023
2017225820	<b><u>A61L 2 /-</u></b>	2015370954	2019201584	2017363883	2017272327
2017228643		2017248416			
2017265076	2018260978	2017258863	<b><u>A61P 3 /-</u></b>	<b><u>A63B 22 /-</u></b>	<b><u>B01J 20 /-</u></b>
2017313828		2017279621			
2018200026	<b><u>A61L 24 /-</u></b>	2017297299	2014296278	2017363883	2016297435
2018201391		2017365285	2014333636		2017312716
2018220155	2018204187	2018201781	2015208291	<b><u>A63B 23 /-</u></b>	
2018236844		<b><u>A61N 1 /-</u></b>	2015301891		<b><u>B01J 21 /-</u></b>
2019201584	<b><u>A61L 27 /-</u></b>		2015309863	2017363883	
		2014340652	<b><u>A61P 31 /-</u></b>	<b><u>A63F 13 /-</u></b>	2017318277
<b><u>A61K 41 /-</u></b>	2015407889	2015218603			2017318279
	2017265022	2015238802	2014307481	2014373841	<b><u>B01J 23 /-</u></b>
2015222879	2017272156	2017245267	2015208205		
<b><u>A61K 45 /-</u></b>	2018204187	2017342076	2016258274	<b><u>A63H 33 /-</u></b>	2016237291
	2018387125	2018202528	2016261299		2017318277
2014307481	2018390991		2018202000	2014327989	2017318279
2015208291	2018403989	<b><u>A61N 5 /-</u></b>	2018202201	2017214686	
2017289014			2018202581		<b><u>B01J 29 /-</u></b>
2018201391	<b><u>A61L 31 /-</u></b>	2017324627	2018203337	<b><u>B01D 11 /-</u></b>	
2018202581			2018203354		2017400922
2018236844	2018387125	<b><u>A61P 1 /-</u></b>		2018340881	
	2018390992			2019250112	<b><u>B01J 35 /-</u></b>

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2017318277		2018387125	<b><u>B60M 7 /-</u></b>		2017279723
2017318279	<b><u>B23D 49 /-</u></b>	2018390991		<b><u>B65B 43 /-</u></b>	<b><u>B65G 3 /-</u></b>
<b><u>B01J 37 /-</u></b>	2018202707	2018390992	2014374947	2018217301	2017200687
2016237291	<b><u>B23K 9 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>B65G 39 /-</u></b>
2016313770		2015293084	2016228500	2017261120	2017332498
2017318277	2015293772	2016214981	2019229336		
2017318279	2015417472	2018387125	<b><u>B60R 1 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B65G 47 /-</u></b>
<b><u>B01L 3 /-</u></b>	<b><u>B25J 13 /-</u></b>	2018390992		2015201265	2015247776
2015267189	2017330370	<b><u>B32B 7 /-</u></b>	2017242392	<b><u>B65D 19 /-</u></b>	<b><u>B65G 65 /-</u></b>
2016405636		2015305525	<b><u>B60R 11 /-</u></b>	2017360362	2017200687
2017257967	<b><u>B26B 21 /-</u></b>	<b><u>B41F 13 /-</u></b>	2015321415	<b><u>B65D 21 /-</u></b>	<b><u>B65G 67 /-</u></b>
<b><u>B01L 7 /-</u></b>	2017232211	2017241654	<b><u>B60R 9 /-</u></b>	2015201265	2019201401
2015267189	<b><u>B26F 1 /-</u></b>	<b><u>B41F 19 /-</u></b>	2018391659	<b><u>B65D 23 /-</u></b>	<b><u>B65H 7 /-</u></b>
<b><u>B02C 17 /-</u></b>	2017262424	2017262424	<b><u>B60W 40 /-</u></b>	2016311657	2017265113
2016269158	<b><u>B27B 17 /-</u></b>	<b><u>B41F 5 /-</u></b>	2015331883	<b><u>B65D 25 /-</u></b>	<b><u>B66B 5 /-</u></b>
<b><u>B02C 2 /-</u></b>	2017213819	2017241654	<b><u>B60W 50 /-</u></b>	2017388358	2017362635
2018253992	<b><u>B27B 33 /-</u></b>	<b><u>B41J 29 /-</u></b>	2015331883	<b><u>B65D 45 /-</u></b>	<b><u>B66C 23 /-</u></b>
<b><u>B05B 13 /-</u></b>	2017213819	2016378005	<b><u>B61L 15 /-</u></b>	2018241153	2015200998
2018247221	<b><u>B28D 1 /-</u></b>	<b><u>B43K 19 /-</u></b>	2017394617	<b><u>B65D 5 /-</u></b>	<b><u>B66F 7 /-</u></b>
<b><u>B05D 1 /-</u></b>	2017291562	2017214686	<b><u>B61L 25 /-</u></b>	2016214918	2019201401
2016311657	<b><u>B29C 39 /-</u></b>	<b><u>B44B 5 /-</u></b>	2017394617	2017234146	
2018200522	2017214686	2017262424	<b><u>B61L 3 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>B67D 1 /-</u></b>
<b><u>B05D 7 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>B60B 39 /-</u></b>	2017394617	2018241153	2015237352
2017388358	2015201265	2018200543	<b><u>B62D 21 /-</u></b>	<b><u>B65D 53 /-</u></b>	2015338483
<b><u>B07B 13 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B60C 11 /-</u></b>	2019246846	2018241153	<b><u>B81B 1 /-</u></b>
2015263799	2018403989	2016201516	<b><u>B62D 33 /-</u></b>	<b><u>B65D 6 /-</u></b>	2016405636
<b><u>B07B 7 /-</u></b>	<b><u>B29C 51 /-</u></b>	2017216718	2019229336	2015201265	<b><u>B82Y 10 /-</u></b>
2015263799	2015222693	<b><u>B60C 3 /-</u></b>	<b><u>B62D 61 /-</u></b>	<b><u>B65D 83 /-</u></b>	2015220569
<b><u>B09B 3 /-</u></b>	<b><u>B29C 55 /-</u></b>	2016201516	2019246846	2017388358	<b><u>C01B 37 /-</u></b>
2015365750	2018403989	<b><u>B60D 1 /-</u></b>	<b><u>B63B 21 /-</u></b>	2018226417	2017400922
<b><u>B21B 1 /-</u></b>	<b><u>B30B 5 /-</u></b>	2018203285	2017204367	<b><u>B65D 85 /-</u></b>	<b><u>C01B 39 /-</u></b>
2015222693	2015222693	<b><u>B60J 5 /-</u></b>	<b><u>B63H 1 /-</u></b>	2015325097	2017400922
<b><u>B21D 43 /-</u></b>	<b><u>B30B 9 /-</u></b>	2019229336	2017204367	2016311657	<b><u>C01G 55 /-</u></b>
2015222693	2015222693	<b><u>B60K 5 /-</u></b>	<b><u>B63H 19 /-</u></b>	2017234146	2019202878
<b><u>B21D 5 /-</u></b>	<b><u>B31B 100 /-</u></b>	2019246846	2017204367	2017276194	
2015222693	2017262424	<b><u>B60K 6 /-</u></b>	<b><u>B63H 25 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C02F 1 /-</u></b>
<b><u>B21J 1 /-</u></b>	<b><u>B31B 50 /-</u></b>	2019246846	2017204367	2017265003	2015340814
2015222693	2017262424	<b><u>B60L 5 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65G 11 /-</u></b>	2017265003
<b><u>B22F 9 /-</u></b>	<b><u>B31F 1 /-</u></b>	2014374947	2018256468	2018256468	2018217248
2016314002	2015323582	<b><u>B60M 3 /-</u></b>	<b><u>B64F 3 /-</u></b>	<b><u>B65G 15 /-</u></b>	2018260978
<b><u>B23B 41 /-</u></b>	<b><u>B32B 27 /-</u></b>	2014374947	2018286597	2017332498	<b><u>C02F 11 /-</u></b>
2017291562				<b><u>B65G 19 /-</u></b>	2015365750
					<b><u>C02F 3 /-</u></b>

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2015365750	<u>C07C 43 /-</u>	2015335172			2015262022
<u>C04B 28 /-</u>	2016227603	2016263564	<u>C07H 21 /-</u>	<u>C08F 293 /-</u>	<u>C10G 1 /-</u>
2015365965	<u>C07C 5 /-</u>	<u>C07D 403 /-</u>	2017265076	2014296278	2015255371
<u>C04B 35 /-</u>	2016237291	2015335172	<u>C07J 3 /-</u>	<u>C08G 18 /-</u>	2017232239
2018204187	<u>C07D 207 /-</u>	2017293271	2014290400	2018390991	<u>C10G 15 /-</u>
<u>C04B 40 /-</u>	2018202000	2018201012	<u>C07J 63 /-</u>	2018390992	2017232239
2015365965	<u>C07D 209 /-</u>	<u>C07D 405 /-</u>	2016258274	<u>C08G 71 /-</u>	<u>C10G 19 /-</u>
<u>C05F 17 /-</u>	2018202000	2018202000	<u>C07K 1 /-</u>	2018403989	2017272327
2015365750	<u>C07D 211 /-</u>	<u>C07D 407 /-</u>	2014318839	<u>C08J 3 /-</u>	2017312716
<u>C07B 61 /-</u>	2018203354	2016276426	2014371389	2016313251	<u>C10G 2 /-</u>
2016237291	<u>C07D 213 /-</u>	<u>C07D 413 /-</u>	2017265076	2017210060	2016313770
<u>C07C 1 /-</u>	2015335172	2018201012	2018201301	<u>C08J 5 /-</u>	<u>C10G 25 /-</u>
2017400922	<u>C07D 215 /-</u>	2015335172	<u>C07K 14 /-</u>	2018387125	2017312716
<u>C07C 13 /-</u>	2017200555	2016263564	2014318839	2018403989	<u>C10G 53 /-</u>
2016237291	<u>C07D 231 /-</u>	2017200555	2015333935	<u>C08J 9 /-</u>	2017312716
<u>C07C 215 /-</u>	2015335172	2018201012	2016221605	2018390991	2017312716
2017228468	<u>C07D 233 /-</u>	<u>C07D 417 /-</u>	2016227621	<u>C08L 75 /-</u>	<u>C10L 9 /-</u>
<u>C07C 225 /-</u>	2015335172	2015301891	2016251314	2018390991	2018282459
2015335172	<u>C07D 239 /-</u>	<u>C07D 471 /-</u>	2016267539	2018390992	<u>C10M 169 /-</u>
<u>C07C 251 /-</u>	2015335172	2015279984	2017208295	2018403989	2016211733
2015335172	<u>C07D 241 /-</u>	2015309863	2017225820	<u>C08L 91 /-</u>	<u>C10N 10 /-</u>
<u>C07C 255 /-</u>	2018203354	2015330141	2017254831	2017214686	2016211733
2015335172	<u>C07D 249 /-</u>	2017293271	2017289014	<u>C09D 129 /-</u>	<u>C10N 30 /-</u>
<u>C07C 275 /-</u>	2016253911	2017342022	2017313828	2018200522	2016211733
2015335172	<u>C07D 261 /-</u>	<u>C07D 473 /-</u>	2018201301	<u>C09D 13 /-</u>	<u>C10N 50 /-</u>
<u>C07C 309 /-</u>	2015335172	2015279984	2018203868	2017214686	2016211733
2017235953	<u>C07D 263 /-</u>	2015279984	2019201584	<u>C09D 133 /-</u>	<u>C11B 3 /-</u>
<u>C07C 311 /-</u>	2015335172	<u>C07D 475 /-</u>	<u>C07K 16 /-</u>	2016202070	2014369040
2015335172	<u>C07D 249 /-</u>	2018278943	2014289208	<u>C09D 5 /-</u>	<u>C11D 1 /-</u>
<u>C07C 335 /-</u>	2016253911	<u>C07D 487 /-</u>	2014298373	2018200522	2015376928
2015335172	2018201012	2015208205	2014314304	<u>C09K 8 /-</u>	2016212004
<u>C07C 309 /-</u>	<u>C07D 261 /-</u>	2015247829	2014372657	2017210060	2019203406
2017235953	2015335172	2015256283	2017228643	<u>C09K 9 /-</u>	<u>C11D 17 /-</u>
<u>C07C 311 /-</u>	<u>C07D 263 /-</u>	2015279984	2018200442	2016363036	2019203406
2015335172	<u>C07D 295 /-</u>	2015330141	2018201391	<u>C10B 1 /-</u>	<u>C11D 3 /-</u>
<u>C07C 335 /-</u>	2015335172	2015330141	2018236844	2015262022	2015376928
2015335172	<u>C07D 311 /-</u>	<u>C07D 498 /-</u>	2018247255	<u>C10B 39 /-</u>	2016212004
<u>C07C 39 /-</u>	2018340881	<u>C07D 517 /-</u>	<u>C07K 17 /-</u>	2018282459	2019203406
2018340881	2019250112	2017223132	2014318839	<u>C10B 49 /-</u>	2016212004
2019250112	<u>C07D 329 /-</u>	2017228468	<u>C07K 19 /-</u>	2015262022	2019203406
<u>C07C 407 /-</u>	2016224843	<u>C07D 519 /-</u>	2019201584	<u>C10B 53 /-</u>	<u>C11D 7 /-</u>
2018260978	<u>C07D 311 /-</u>	<u>C07D 519 /-</u>	<u>C07K 4 /-</u>	2018282459	2016212004
<u>C07C 409 /-</u>	2018340881	2015309863	2019201584	2015262022	<u>C12C 12 /-</u>
2018260978	2019250112	2015330141	<u>C07K 7 /-</u>	2018282459	2017289560
2018260978	<u>C07D 329 /-</u>	2017223132	2015340300	<u>C10B 49 /-</u>	
	2016224843	<u>C07F 5 /-</u>	2016261299	2015262022	
	<u>C07D 333 /-</u>	2015327345	2016349358		
	2015335172	2015327346	2018202201		
	<u>C07D 401 /-</u>	<u>C07H 19 /-</u>	2019201584		
		2018203337	<u>C07K 9 /-</u>		
			2019201584		

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<b><u>C12C 5 /-</u></b>	<b><u>C13B 10 /-</u></b>	<b><u>D04H 1 /-</u></b>	2017228635	<b><u>E21B 47 /-</u></b>	2018200550
2017289560	2015201927	2014274592	<b><u>E04F 11 /-</u></b>	2018279062	<b><u>F16K 1 /-</u></b>
<b><u>C12H 1 /-</u></b>	<b><u>C13K 13 /-</u></b>	<b><u>D05C 15 /-</u></b>	2017228635	<b><u>E21B 7 /-</u></b>	2015243888
2017289560	2014371389	2017329461 2017353266	<b><u>E04F 15 /-</u></b>	2015275773	<b><u>F16K 17 /-</u></b>
<b><u>C12M 1 /-</u></b>	<b><u>C14C 3 /-</u></b>	<b><u>D06F 37 /-</u></b>	2017315241	<b><u>F01D 25 /-</u></b>	2018201905
2014260422 2016405636	2016221725	2016335437 2016335438 2016336583 2017271169	<b><u>E04H 17 /-</u></b>	2016269666	<b><u>F16K 24 /-</u></b>
<b><u>C12N 15 /-</u></b>	<b><u>C22B 1 /-</u></b>	<b><u>D06F 39 /-</u></b>	2017228635	<b><u>F02B 33 /-</u></b>	2018201905
2014243807 2014255358 2014262867 2014263503 2014265331 2014296278 2015333935 2016382055 2017208295 2017254831 2017254854 2017265022 2018203868 2018274888	2016314002	2016335437 2016335438 2016336583 2018206794	<b><u>E04H 4 /-</u></b>	2018201905	<b><u>F16K 99 /-</u></b>
	<b><u>C22B 23 /-</u></b>	<b><u>D06F 58 /-</u></b>	2015338637	<b><u>F02B 37 /-</u></b>	2016405636 2017277381
	2016314002	2015309201	<b><u>E05B 63 /-</u></b>	2018201905	<b><u>F16L 13 /-</u></b>
	<b><u>C22B 3 /-</u></b>	<b><u>D06M 10 /-</u></b>	2017237062	<b><u>F02C 3 /-</u></b>	2014256385
	2015303354 2016314002	2019200695	<b><u>E05D 7 /-</u></b>	2017213490	<b><u>F16L 55 /-</u></b>
	<b><u>C22B 60 /-</u></b>	<b><u>D21H 21 /-</u></b>	2018282249	<b><u>F02C 6 /-</u></b>	2015231365
	2015303354	2016214918	<b><u>E05F 15 /-</u></b>	2017213490	<b><u>F16M 11 /-</u></b>
	<b><u>C22C 14 /-</u></b>	<b><u>E01F 15 /-</u></b>	2018200550	<b><u>F04B 11 /-</u></b>	2016251564
	2019222883	2015294987	<b><u>E06B 3 /-</u></b>	2015231365	<b><u>F16S 1 /-</u></b>
<b><u>C12N 5 /-</u></b>	<b><u>C22C 19 /-</u></b>	<b><u>E01H 1 /-</u></b>	2015358616	<b><u>F04B 17 /-</u></b>	2017228635
2014218723 2014255527 2014258981 2017265022 2018274888	2019222883	2018271332	<b><u>E06B 7 /-</u></b>	2016257653	<b><u>F17C 1 /-</u></b>
	<b><u>C22F 1 /-</u></b>	<b><u>E02D 3 /-</u></b>	2019226147	<b><u>F04B 23 /-</u></b>	2017267404
	2019222883	2015326129	<b><u>E06B 9 /-</u></b>	2016257653 2016257654	<b><u>F21K 9 /-</u></b>
<b><u>C12N 7 /-</u></b>	<b><u>C23C 8 /-</u></b>	<b><u>E02F 3 /-</u></b>	2018200550	<b><u>F04B 39 /-</u></b>	2018203239
2014338520 2018200091	2015293772	2015221561 2015301376 2015336923 2016219013 2018201628	<b><u>E21B 10 /-</u></b>	2015231365	<b><u>F21V 15 /-</u></b>
	<b><u>C25B 1 /-</u></b>	<b><u>E02F 9 /-</u></b>	2017291562	<b><u>F04B 43 /-</u></b>	2018203239
	2015340814 2018217248 2018233505	2015221561 2015301376 2015336923 2016219013 2018201628	<b><u>E21B 21 /-</u></b>	2018201288	<b><u>F21V 17 /-</u></b>
<b><u>C12N 9 /-</u></b>	<b><u>C25B 11 /-</u></b>	<b><u>E02B 3 /-</u></b>	2016231635	<b><u>F04B 45 /-</u></b>	2018203239
2014233436 2014372657 2016221605 2017254831	2015340814 2018233505	2017217771	<b><u>E21B 23 /-</u></b>	2018201288	<b><u>F21V 23 /-</u></b>
<b><u>C12P 19 /-</u></b>	<b><u>C25B 11 /-</u></b>	<b><u>E21B 28 /-</u></b>	2017217771	<b><u>F04B 49 /-</u></b>	2018203239
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<b><u>C12P 21 /-</u></b>	<b><u>C25B 3 /-</u></b>	<b><u>E21B 31 /-</u></b>	2015275773	<b><u>F04D 19 /-</u></b>	2018203239
2016221605 2017228643	2018233505	2015275773 2018256467	2018271332	2018271332	<b><u>F21V 33 /-</u></b>
<b><u>C12P 5 /-</u></b>	<b><u>C25B 9 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F15B 1 /-</u></b>	2015231365	2015321415
2015365750	2018233505	2017217771 2017265078 2018256467	2015231365	<b><u>F16B 7 /-</u></b>	2017223488
<b><u>C12Q 1 /-</u></b>	<b><u>C40B 40 /-</u></b>	<b><u>E04B 1 /-</u></b>	2017217771 2017265078 2018256467	2017204808 2018202191	<b><u>F23D 14 /-</u></b>
2014263503 2014324438 2016270918 2017236002 2017254854 2017265022 2018200091	2014324438	2015201723	<b><u>E21B 43 /-</u></b>	2016269666	2017223488
	<b><u>C40B 60 /-</u></b>	<b><u>E04B 2 /-</u></b>	2016231635 2017232239 2017265078	<b><u>F16C 17 /-</u></b>	<b><u>F24B 3 /-</u></b>
	2014324438	2017204808	<b><u>F16H 55 /-</u></b>	2016269666	2018201729
	<b><u>D04B 39 /-</u></b>	<b><u>E04C 1 /-</u></b>			
	2017366196				

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<b>F24C 15 /-</b>	<b>F41G 11 /-</b>	<b>G01N 9 /-</b>	2018214097	<b>G08B 19 /-</b>	<b>H01H 39 /-</b>
2019202623	2014360629 2015201060	2016407204	<b>G06F 8 /-</b>	2015221561	2017290406
<b>F24F 1 /-</b>	<b>F41G 3 /-</b>	<b>G02B 21 /-</b>	2019201854	<b>G08B 23 /-</b>	<b>H01H 79 /-</b>
2017254189	2015201060	2019201130	<b>G06F 9 /-</b>	2015221561 2016219013 2018201628	2017290406
<b>F24F 11 /-</b>	<b>G01B 11 /-</b>	<b>G02B 6 /-</b>	2016304864 2017302245 2019201854	<b>G08C 17 /-</b>	<b>H01J 49 /-</b>
2017333909 2017399097	2015239178	2014372658 2014378717	<b>G06N 3 /-</b>	2017213819	2017267392
<b>F24F 13 /-</b>	<b>G01B 9 /-</b>	<b>G02F 1 /-</b>	2017324627 2018244917	<b>G09B 29 /-</b>	<b>H01L 21 /-</b>
2016420053 2017254189 2017303169	2018203272	2016363036	<b>G06N 99 /-</b>	2014360629	2018200549
<b>F24F 3 /-</b>	<b>G01C 21 /-</b>	<b>G03G 21 /-</b>	2015220569	<b>G09G 3 /-</b>	2017356809
2017409109	2017409109	2016378005	2017415083		<b>H01L 31 /-</b>
2017303169	<b>G01D 3 /-</b>	<b>G05B 19 /-</b>	<b>G06Q 10 /-</b>	<b>G10L 13 /-</b>	2014352833 2017265104
<b>F24F 7 /-</b>	2015221561	2015221561	2015240541 2017281699	2018244917	<b>H01L 51 /-</b>
2016423907	<b>G01F 1 /-</b>	<b>G05D 1 /-</b>	<b>G06Q 20 /-</b>	<b>G10L 15 /-</b>	2017268594
<b>F24H 1 /-</b>	2016407204	2017204367 2017301537 2017330339	2014218316	2018244917	<b>H01M 10 /-</b>
2015287786	<b>G01F 15 /-</b>		<b>G06Q 30 /-</b>	<b>G10L 19 /-</b>	2015264112 2016313251 2018253519
<b>F25B 1 /-</b>	2016407204	<b>G06F 1 /-</b>	2017216503	2017276206 2017276209 2018201133	<b>H01M 4 /-</b>
2017333909	<b>G01H 3 /-</b>	2014359284	<b>G06Q 40 /-</b>		2018253519
<b>F25B 13 /-</b>	2016378005	<b>G06F 11 /-</b>	2017216503	<b>G10L 25 /-</b>	<b>H01M 6 /-</b>
2017333909	<b>G01J 3 /-</b>	2015244114 2016386053 2017268583	<b>G06Q 50 /-</b>	2016378005	<b>H01M 8 /-</b>
<b>F25B 29 /-</b>	2016378266 2017221464	<b>G06F 12 /-</b>	2017301537	<b>G16B 30 /-</b>	2015264112
2017258806	<b>G01K 7 /-</b>	2014334841	<b>G06T 1 /-</b>	2014324438	<b>H01M 8 /-</b>
<b>F25B 49 /-</b>	2017347919	<b>G06F 16 /-</b>	2015239178 2017301537	<b>G16H 10 /-</b>	2017279691
2017333909	<b>G01L 1 /-</b>		<b>G06T 7 /-</b>	2014234106	<b>H01Q 1 /-</b>
<b>F25D 17 /-</b>	2014373858	2017284088 2018203739	2014324480 2015239178 2017258863 2017330339 2017345812	<b>G16H 40 /-</b>	2016418723
2017422763	<b>G01N 15 /-</b>	<b>G06F 17 /-</b>		2014359284	<b>H01Q 5 /-</b>
<b>F25D 21 /-</b>	2016405636	2014201685 2016337264 2018200007 2018201437	<b>G07F 11 /-</b>	<b>G21K 5 /-</b>	2016418723
2016420053	<b>G01N 21 /-</b>		2015240541	2019200695	<b>H02H 7 /-</b>
<b>F25D 23 /-</b>	2015239178 2016378266 2018203272	<b>G06F 21 /-</b>	2015240541	<b>H01B 9 /-</b>	2016202537
2016429628	<b>G01N 29 /-</b>	2014342834 2015249714 2017268583 2017272163 2017278674 2017386900	<b>G07F 13 /-</b>	2014378717	<b>H02J 3 /-</b>
<b>F25J 1 /-</b>	2017265113		2015338483	<b>H01F 27 /-</b>	2015287786 2016368519
2017237356	<b>G01N 30 /-</b>	<b>G06F 3 /-</b>	<b>G07F 17 /-</b>	2017330514	<b>H02J 50 /-</b>
<b>F25J 3 /-</b>	2016297435	2014360629 2015240541 2017212441 2017332547 2018200007 2018203215 2018203847	2015240541	<b>H01F 38 /-</b>	2017330514
2015284592	<b>G01N 33 /-</b>		<b>G07F 9 /-</b>	2017330514	<b>H02J 7 /-</b>
<b>F28F 17 /-</b>	2014255527 2015226930 2016349358 2016378266 2017265022		2015240541	<b>H01G 9 /-</b>	2015347444 2016368519 2018241093
2016420053	<b>F41G 1 /-</b>		<b>G08B 13 /-</b>	2017268594	
2015201060			2019200285	<b>H01H 37 /-</b>	
				2017290406	<b>H02M 3 /-</b>

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2015417472	2018204462	2017209945
2018241093	<b><u>H04N 21 /-</u></b>	<b><u>H04W 74 /-</u></b>
<b><u>H02M 7 /-</u></b>	2016274496	2017209945
2016201271	<b><u>H04N 5 /-</u></b>	2017233227
<b><u>H03B 28 /-</u></b>	2017242392	<b><u>H04W 80 /-</u></b>
2015255174	2018204462	2017221833
<b><u>H03H 17 /-</u></b>	<b><u>H04N 7 /-</u></b>	<b><u>H04W 84 /-</u></b>
2017279677	2017242392	2018358931
<b><u>H03K 19 /-</u></b>	2018271348	<b><u>H04W 88 /-</u></b>
2017321216	2018271349	2018358931
<b><u>H03K 3 /-</u></b>	2018271350	<b><u>H04W 92 /-</u></b>
2017321216	<b><u>H04Q 3 /-</u></b>	2017278674
<b><u>H04L 1 /-</u></b>	2018275024	<b><u>H05B 3 /-</u></b>
2016349743	<b><u>H04Q 9 /-</u></b>	2017347919
<b><u>H04L 12 /-</u></b>	2015369734	<b><u>H05B 6 /-</u></b>
2016201685	<b><u>H04R 1 /-</u></b>	2015251072
2018233013	2017332547	<b><u>H05K 7 /-</u></b>
<b><u>H04L 25 /-</u></b>	<b><u>H04R 3 /-</u></b>	2015323351
2015369734	2017332547	
<b><u>H04L 29 /-</u></b>	<b><u>H04R 31 /-</u></b>	
2015259419	2017332547	
2016269641	<b><u>H04R 5 /-</u></b>	
2017278674	2017332547	
2018233013	<b><u>H04S 3 /-</u></b>	
2018358931	2018201133	
2019240620	<b><u>H04W 12 /-</u></b>	
<b><u>H04L 5 /-</u></b>	2017278674	
2015369734	<b><u>H04W 16 /-</u></b>	
2017209945	2017209945	
<b><u>H04L 7 /-</u></b>	<b><u>H04W 24 /-</u></b>	
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<b><u>H04L 9 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2016378211	2017221833	
2017272163	<b><u>H04W 36 /-</u></b>	
2018233013	2015412035	
<b><u>H04M 1 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2018220152	2015305255	
<b><u>H04N 1 /-</u></b>	2017278674	
2018204462	2018358931	
<b><u>H04N 13 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2015289185	2015300962	
<b><u>H04N 19 /-</u></b>	2016390142	
2014408223		

**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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Dalian Research and Development  
Center of CRRC Qiqihar Rolling Stock  
Co., Ltd.  
(11) AU-B-2019100636  
(21) 2019100636 (22) 12.06.2019  
(54) Wide-body bulk cargo shipping contain-  
er and shipping vehicle  
(51) Int. Cl.  
*B65D 88/12* ( 2006.01 )  
*B65D 88/56* ( 2006.01 )  
(45) 05.12.2019  
(62) 2017274125  
(72) LUO, Yanping; LIU, Haipeng; ZHANG,  
Shuguang; ZHANG, Shaoguang; SAN,  
Junmin; TIAN, Lei; Li, Zhongbo  
(74) FPA Patent Attorneys Pty Ltd

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**Dalian Research and Development Center  
of CRRC Qiqihar Rolling Stock Co., Ltd.  
see CRRC Qiqihar Rolling Stock Co., Ltd.**  
(21) 2019100636

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(71) Kozlovic, L.  
(11) AU-B-2019100894  
(21) 2019100894 (22) 15.04.2019  
(54) A disposable baby change mat  
(51) Int. Cl.  
*A47D 15/00* ( 2006.01 )  
*A61F 13/00* ( 2006.01 )  
(45) 05.12.2019  
(62) 2017245308  
(72) Kozlovic, Lorraine  
(74) LESICAR MAYNARD ANDREWS PTY  
LTD

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(11) AU-B-2018100374  
(21) 2018100374 (22) 27.03.2018  
(54) Formwork for Creating Penetrations or  
Openings in Concrete Floor Structures  
(51) Int. Cl.  
*E04G 15/02* ( 2006.01 )  
*E04B 5/48* ( 2006.01 )  
*E04G 11/36* ( 2006.01 )  
*E04G 21/32* ( 2006.01 )  
(45) 05.12.2019  
(72) Pantano, Filip  
(74) PIPERS

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(71) Mineralux Australia Pty Ltd  
(11) AU-B-2019100357  
(21) 2019100357 (22) 04.04.2019  
(54) A METHOD AND PRODUCT FOR  
TREATING WATER  
(51) Int. Cl.  
*C02F 1/46* ( 2006.01 )  
*C02F 1/42* ( 2006.01 )  
*C02F 1/52* ( 2006.01 )

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*C02F 1/66* ( 2006.01 )  
(45) 05.12.2019  
(72) Sheridan, Frances Kristy  
(74) Watermark Intellectual Property Pty Ltd

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(71) Rowland, H.  
(11) AU-B-2019101013  
(21) 2019101013 (22) 05.09.2019  
(54) An improved grind block for use with  
roller skates  
(51) Int. Cl.  
*A63C 17/26* ( 2006.01 )  
*A63C 17/00* ( 2006.01 )  
(31) 2018904172 (32) 02.11.18 (33) AU  
(45) 05.12.2019  
(72) Rowland, Hugh  
(74) LESICAR MAYNARD ANDREWS PTY  
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(71) STM Management Pty Ltd  
(11) AU-B-2019100127  
(21) 2019100127 (22) 06.02.2019  
(54) A CASE FOR A TABLET SHAPED  
DEVICE  
(51) Int. Cl.  
*H05K 5/03* ( 2006.01 )  
*A45C 13/00* ( 2006.01 )  
(45) 05.12.2019  
(72) Nyholm, Ethan; Goodridge, Jacob  
(74) Phoenix Intellectual Property

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**2018100374** MAX & WILS PTY. LTD.  
**2019100127** STM Management Pty Ltd  
**2019100357** Mineralux Australia Pty Ltd  
**2019100636** CRRC Qiqihar Rolling Stock Co., Ltd.; Dalian Research  
and Development Center of CRRC Qiqihar Rolling  
Stock Co., Ltd.  
**2019100894** Kozlovic, L.  
**2019101013** Rowland, H.



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**A47D 15 /-**

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**A63C 17 /-**

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**C02F 1 /-**

2019100357

**E04B 5 /-**

2018100374

**E04G 11 /-**

2018100374

**E04G 15 /-**

2018100374

**E04G 21 /-**

2018100374

**H05K 5 /-**

2019100127

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn**

2010248022 THE LUBRIZOL CORPORATION ( BASF SE )

**Opposition Dismissed**

2010248022 THE LUBRIZOL CORPORATION ( BASF SE )

**Patents Granted**

**Standard Patents**

2013326968	2013326972	2013331434	2013356799
2013403601	2013404993	2014250434	2014268394
2014271298	2014274970	2014274972	2014276875
2014282964	2014290079	2014292086	2014302082
2014324608	2014327045	2014332376	2014332534
2014337089	2014340210	2014342520	2014347004
2014350565	2014360472	2014391079	2014393710
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2015205451	2015205588	2015210467	2015210473
2015212982	2015213478	2015235978	2015239662
2015240989	2015246654	2015249324	2015252050
2015254624	2015255292	2015257490	2015257878
2015258272	2015264614	2015264707	2015264902
2015272926	2015275683	2015277000	2015280682
2015283938	2015287763	2015293690	2015296952
2015301147	2015301488	2015305584	2015306763
2015310482	2015311859	2015312305	2015315846
2015334922	2015338922	2015348696	2015349557
2015356272	2015361136	2015367306	2015367307
2015370092	2016214608	2016217873	2016218701
2016218931	2016220398	2016221803	2016222741
2016228053	2016234380	2016242761	2016242980
2016259409	2016263199	2016265586	2016281251
2016285425	2016286196	2016294873	2016297047
2016299141	2016300208	2016302353	2016310072
2016317076	2016318283	2016318455	2016319036
2016320415	2016320611	2016320947	2016324320
2016326535	2016328308	2016329886	2016335554
2016336369	2016336525	2016346341	2016350706
2016351609	2016367922	2016380858	2016382837
2016386335	2016388327	2016390096	2016397261
2016399752	2016404961	2016409527	2016414971
2016423143	2016426984	2016430215	2017200767
2017202899	2017203594	2017203634	2017203685
2017203924	2017203982	2017204095	2017204181
2017204350	2017204516	2017208230	2017212715
2017213549	2017213691	2017218944	2017219686
2017222360	2017222495	2017225049	2017225131
2017228580	2017228681	2017229471	2017229473
2017235610	2017235969	2017235970	2017242179
2017245321	2017251773	2017258341	2017258730
2017258876	2017262385	2017265088	2017265096
2017268624	2017269694	2017272160	2017279560
2017279713	2017279764	2017287716	2017294125
2017301113	2017304790	2017317602	2017321142
2017329216	2017330214	2017332962	2017341257
2017381738	2017423560	2018200003	2018200080
2018200247	2018200530	2018200744	2018200978
2018201065	2018201155	2018201431	2018202575
2018202785	2018203512	2018203540	2018203613
2018203798	2018204301	2018204689	2018204835
2018205137	2018208700	2018222910	2018222920
2018229482	2018229483	2018229484	2018229485
2018229486	2018229487	2018229897	2018236833
2018241185	2018244971	2018253457	2018253555

**Patents Granted**

**Standard Patents**

2018263142	2018264122	2018278868	2018282401
2018330957	2019200214	2019201053	2019202138
2019202443	2019203585	2019204193	

**Innovation Patents**

2018102146	2018102147	2019100792	2019100877
2019101031	2019101107	2019101127	2019101153
2019101277	2019101278	2019101283	2019101284
2019101286	2019101290	2019101291	2019101294
2019101295	2019101298	2019101299	2019101301
2019101302	2019101303	2019101304	2019101305
2019101306	2019101307	2019101308	2019101309
2019101310	2019101311	2019101312	2019101313
2019101314	2019101315	2019101317	

**Offer to Surrender**

It is hereby notified that **Fresenius Kabi Deutschland GmbH Else-Kroner-Strasse 1 , 61352 Bad Homburg** , the Patentee of Patent 2015263246 dated 04.10.2018 for an invention titled ' Liquid pharmaceutical composition' 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**

2000062973 Stirling Mouldings Limited The patent has been assigned to **Stirling Mouldings (2016) Limited**

2002256296 EndoEvolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2002351065 WesternGeco Seismic Holdings Limited The patent has been assigned to **Reflection Marine Norge AS**

2002361897 Novartis AG The patent has been assigned to **BGP Products Operations GmbH**

2004229446 Novartis AG The patent has been assigned to **BGP Products Operations GmbH**

2004229512 Novartis AG The patent has been assigned to **BGP Products Operations GmbH**

2005258078 Novartis AG The patent has been assigned to **BGP Products Operations GmbH**

2005309679 ioSafe, Inc. The patent has been assigned to **CRU Acquisition Group, LLC**

2006201720 WesternGeco Seismic Holdings Limited The patent has been assigned to **Reflection Marine Norge AS**

2007201016 EndoEvolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2007201017 EndoEvolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2007201234 WesternGeco Seismic Holdings Limited The patent has been assigned to **Reflection Marine Norge AS**

2007210030 EndoEvolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2007249199 XYPHOS BIOSCIENCES INC. The patent has been assigned to **Pylum Biosciences, Inc.**

2007276953 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

**Assignments Registered**

2008254856 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2008308868 DePuy Products, Inc. The patent has been assigned to **DePuy Synthes Products, Inc.**

2009313391 NXThera, INC. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2010249891 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2010299607 Dr. Reddy's Laboratories Limited The patent has been assigned to **Upsher-Smith Laboratories, LLC**

2010325960 Adamas Pharmaceuticals, Inc. The patent has been assigned to **Adamas Pharma, LLC**

2010358370 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **MK Systems USA Inc.**

2011203165 Point of Pay Pty Ltd The patent has been assigned to **Veroguard Systems Pty Ltd**

2011230568 NXThera, INC. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2011239791 Obelia; Inria Institut National De Recherche En Informatique Et En Automatique; Universite Montpellier 2 Sciences et Techniques; Centre National De La Recherche Scientifique (C.N.R.S) The patent has been assigned to **Inria Institut National De Recherche En Informatique Et En Automatique; Universite Montpellier 2 Sciences et Techniques; Centre National De La Recherche Scientifique (C.N.R.S)**

2011258080 XYPHOS BIOSCIENCES INC. The patent has been assigned to **Pylum Biosciences, Inc.**

2011334840 Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.; Friedrich-Alexander-Universitaet Erlangen-Nuernberg The patent has been assigned to **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.**

2012204127 Ant Communications Limited The patent has been assigned to **KN Network Services Limited**

2012266219 Huurre Group Oy The patent has been assigned to **Huurre Finland Oy**

2012268004 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2012294422 EndoEvolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2012296551 Epic Research And Diagnostics, Inc. The patent has been assigned to **TSI (USA), Inc.**

2013205494 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2013205644 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2013223858 Nedwell, Jeremy The patent has been assigned to **Ascendant Research Services Ltd**

2013223859 Nedwell, Jeremy The patent has been assigned to **Ascendant Research Services Ltd**

2013243445 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

**Assignments Registered**

2013261312 Teijin Limited; KM Biologics Co., Ltd.; Teijin Pharma Limited The patent has been assigned to **Teijin Limited; KM Biologics Co., Ltd.**

2013274081 WesternGeco Seismic Holdings Limited The patent has been assigned to **Reflection Marine Norge AS**

2014362361 NxThera, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015201027 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2015202356 Adamas Pharmaceuticals, Inc. The patent has been assigned to **Adamas Pharma, LLC**

2015234011 Zhejiang Tianzhen Bamboo & Wood Development Co., Ltd. The patent has been assigned to **Flooring Industries Limited, SARL**

2015238788 Endoevolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2015238863 Endoevolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2015261675 Geco Technology B.V. The patent has been assigned to **Reflection Marine Norge AS**

2015264854 NXThera, INC. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015342937 XYPHOS BIOSCIENCES INC. The patent has been assigned to **Pylum Biosciences, Inc.**

2016102370 Zhejiang Tianzhen Bamboo & Wood Development Co., Ltd. The patent has been assigned to **Flooring Industries Limited, SARL**

2016102392 Zhu, Caiqin The patent has been assigned to **Flooring Industries Limited, SARL**

2016102397 Zhu, Caiqin The patent has been assigned to **Flooring Industries Limited, SARL**

2017200804 DePuy Products, Inc. The patent has been assigned to **DePuy Synthes Products, Inc.**

2017204568 NXThera, INC. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2017206251 Endoevolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2018101435 MACHINE ENGINEERING SYSTEMS PTY LTD The patent has been assigned to **Delta Panels Pty Ltd**

2018202790 Endoevolution, LLC The patent has been assigned to **Intuitive Surgical Operations, Inc.**

2018211324 Uber Technologies, Inc. The patent has been assigned to **UATC, LLC**

**Licences Registered - Section 187, Reg. 19**

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

2000043870 Vital Health Sciences Pty Ltd ( ISP Investments LLC )

2002214820 Vital Health Sciences Pty Ltd ( ISP Investments LLC )

2002317053 Vital Health Sciences Pty Ltd ( ISP Investments LLC )

2005203698 Vital Health Sciences Pty Ltd ( ISP Investments LLC )

**Licences Registered - Section 187, Reg. 19**

2006257714 Vital Health Sciences Pty Ltd ( ISP Investments LLC )

2011225728 PODY CONCEPT ( Millet Innovation )

**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.

2000020313 **UCB PHARMA S.A.**

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

For the goods Evenity romosozumab

**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.

2007235260 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2008363828 **VERTEX PHARMACEUTICALS INCORPORATED**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2009300866 **Kudos Pharmaceuticals Limited**

The earliest first regulatory approval date provided by the patentee 23 May 2018

For the goods LYNPARZA olaparib

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

2013205183 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**Extensions granted**

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

2009330365 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 08 Apr 2019

For the goods VERZENIO abemaciclib

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

**Corrigenda**

In Vol 31 , No 37 , Page(s) 5463 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Fermada Ltd., Application No. 2016224843, under INID (71) correct the applicant name to Feramda Ltd.

In Vol 33 , No 11 , Page(s) 1572 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Harbin Pharmaceutical Group Co., Ltd. General Pharmaceutical Factory, Application No. 2017306606, Under INID (72) add co-inventor Jin, Xin

In Vol 33 , No 37 , Page(s) 5271 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Trustees of the University of Pennsylvania, Application No. 2018230657, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 33 , No 38 , Page(s) 5391 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Johnson & Johnson Consumer Inc., Application No. 2018244460, under INID (54) correct the title to read Feminine absorbent articles with bonded side flaps and an apparatus for producing the same

In Vol 33 , No 41 , Page(s) 5799 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Genentech, Inc., Application No. 2018258263, under INID (54) correct the title to read ErbB2/Her2 mutations in the transmembrane or juxtamembrane domain

In Vol 33 , No 46 , Page(s) 6487 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015287896.

In Vol 33 , No 46 , Page(s) 6489 under the heading **Amendments - Application for Amendments** Under the name K-fee System GmbH, Patent Application No. 2013351261 correct the date of the statements filed to read 22 Oct 2018, 22 Mar 2019, 13 Jun 2019 and 16 Sep 2019

In Vol 33 , No 46 , Page(s) 6518 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ansell Limited, Application No. 2018273787, under INID (72) correct the co-inventor to Ranasinghe, Lakshmi Swarnamala

**Specifications Republished**

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

- 2014201585 **SAMSUNG ELECTRONICS CO., LTD.**
- 2014257131 **Nizyme, Inc.**
- 2014309040 **Microsoft Technology Licensing, LLC**
- 2015264614 **Qualcomm Incorporated**
- 2015295819 **Santa Barbara Sistemas, S.A.**
- 2015301147 **Qualcomm Incorporated**
- 2015360270 **Regenacy Pharmaceuticals, LLC**
- 2016317386 **Exxonmobil Upstream Research Company**
- 2017375435 **Gemological Institute of America, Inc. (GIA)**
- 2018220167 **Stryker Corporation**
- 2019201559 **The NOCO Company**