



**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) 6 December 2018**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Koninklijke Douwe Egberts B.V. v Nestec S.A. [2018] APO 85***

Patent Application: 2010291241

Title: Beverage machine for a network

Patent Applicant: Nestec S.A.

Opponent: Koninklijke Douwe Egberts B.V.

Delegate: Xavier Gisz

Decision Date: 26 November 2018

Hearing Date: 30 August 2018, in Canberra

Catchwords: **PATENTS** - opposition to the grant of the patent under s 59 – opposed on the basis of manner of manufacture, inventive step, utility, sufficiency of disclosure, support, and clarity – all grounds of opposition are unsuccessful – costs awarded

Representation: Patent attorney for the applicant: Katrina Crooks and Matthew Ford, Shelston IP  
Counsel for the opponent: Neil Murray and Frances St John  
Patent attorney for the opponent: Nik Ramchand, Davies Collison Cave

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 6 December 2018**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Novavax, Inc. v GlaxoSmithKline Biologicals SA [2018] APO 84*

Patent Application: 2012211278

Title: RSV immunization regimen

Patent Applicant: GlaxoSmithKline Biologicals SA

Opponent: Novavax, Inc

Delegate: D. S. Triffett

Decision Date: 23 November 2018

Hearing Date: 31 August 2018, in Canberra

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – manner of manufacture – lack of manner of manufacture not established – novelty – lack of novelty not established – inventive step – evidence does not establish that a person skilled in the art would ascertain patent documents - lack of inventive step not established – full description – lack of full description not established – best method of performance – lack of best method of performance not established

Representation: Counsel for the applicant: Mr Chris Burgess  
Patent attorney for the applicant: Mr Steve Gledhill and Dr Lee Miles of FB Rice  
Counsel for the opponent: Mr Ian Horak  
Patent attorney for the opponent: Dr Tom Gumley and Dr Catherine Windbanks of FPA Patent Attorneys Pty Ltd.

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 20 Nov 2018 .

<p>(71) ABLE, M. (21) 2018904448 (22) 22.11.2018 (54) PHOTOVOLTAIC ENHANCEMENT SYSTEM</p>	<p><b>Boyd, K. see Boyd, S.</b> (21) 2018904452</p>	<p>(71) Cufone, M.J. (21) 2018904411 (22) 19.11.2018 (54) Multi Trolley Clamp</p>
<p><b>Access Technical Centre Pty Ltd see The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST</b> (21) 2018904442</p>	<p>(71) Boyd, S.; Boyd, K. (21) 2018904452 (22) 22.11.2018 (54) Portable Tie-Down Point</p>	<p>(71) DAVID STUCKEY INVESTMENTS PTY LTD (21) 2018904375 (22) 16.11.2018 (54) LOCK AND HANDLE ARRANGEMENT</p>
<p>(71) Aero-Tech Pty Ltd (21) 2018904463 (22) 22.11.2018 (54) Downforce sweeper</p>	<p>(71) Burton, C.; Robey, C. (21) 2018904391 (22) 16.11.2018 (54) Hazard warning apparatus, system and method</p>	<p><b>Davies, K. see Davies, A.</b> (21) 2018904390</p>
<p>(71) Afixi (Qld) Pty Ltd (21) 2018904466 (22) 22.11.2018 (54) ANCHORING DEVICE</p>	<p>(71) Canasia Australia Pty Ltd (21) 2018904385 (22) 16.11.2018 (54) Geopolymer compositions</p>	<p>(71) Davies, A.; Davies, K. (21) 2018904390 (22) 16.11.2018 (54) A communications bus supporting concurrent transfers</p>
<p>(71) AirboardX Pty Ltd (21) 2018904470 (22) 23.11.2018 (54) A Passenger Handling System and Method</p>	<p>(71) Canasia Australia Pty Ltd (21) 2018904386 (22) 16.11.2018 (54) Geopolymers produced from mineral processing by-products</p>	<p>(71) Dean, J. (21) 2018904455 (22) 22.11.2018 (54) CLAMPS</p>
<p>(71) Australian Geochemical Survey Pty Ltd (21) 2018904477 (22) 23.11.2018 (54) EXTRACT</p>	<p>(71) Carragher, D.R. (21) 2018904417 (22) 19.11.2018 (54) Assembly, Exercise Apparatus, Bag therefor and associated Method of Use</p>	<p><b>Dellas, D. see Dellas, J.</b> (21) 2018904467</p>
<p>(71) AUSTRALIAN SCIENCES PTY LTD (21) 2018904388 (22) 16.11.2018 (54) Tiltable Solar Panel Mounting with Refillable Base</p>	<p>(71) Cobalt Extreme Pty Ltd (21) 2018904491 (22) 26.11.2018 (54) A Centralising Assembly for a Down-hole Device, Coupling Device including a Centralising Device and Method of Manufacture</p>	<p>(71) Dellas, J.; Dellas, D. (21) 2018904467 (22) 23.11.2018 (54) A handheld mobile communication device connected donation receiving apparatus</p>
<p><b>Bedgood, T. see Kuiper, A.</b> (21) 2018904419</p>	<p><b>Codd, J. see Heimlich, S.</b> (21) 2018904433</p>	<p><b>Dobson, D. see Kuiper, A.</b> (21) 2018904419</p>
<p>(71) Blackrock Blue Pty Ltd (21) 2018904464 (22) 22.11.2018 (54) Cover For Electrical Apparatus</p>	<p>(71) Copeland, P. (21) 2018904429 (22) 20.11.2018 (54) Calibration</p>	<p>(71) DOCBLASTER PTY. LTD. (21) 2018904450 (22) 22.11.2018 (54) Pixmap forms system and method</p>
<p>(71) Dower, W. (21) 2018904393 (22) 17.11.2018 (54) Improvements to Leaf Blowers</p>	<p></p>	<p></p>

Provisional Applications Filed - Name Index cont'd

(71) E & K Escott Holdings Pty Ltd  
(21) 2018904432 (22) 20.11.2018  
(54) AN AUTOMATIC SOFTWARE APPLICATION PROTOTYPING SYSTEM

(71) Eureka! AgResearch Pty Ltd  
(21) 2018904414 (22) 19.11.2018  
(54) AQUEOUS HERBICIDAL COMPOSITION

(71) Excell, B.  
(21) 2018904458 (22) 22.11.2018  
(54) METHODS OF ENERGY PROCESSES AND PROCESS MANAGEMENT FOR COOLING SYSTEMS AND EMBODIMENTS THEREOF

(71) Frothin Industries Pty Ltd  
(21) 2018904482 (22) 23.11.2018  
(54) Connection Assembly

(71) Gomez, R.  
(21) 2018904405 (22) 19.11.2018  
(54) Additions to Advanced Storage of Electrons in the Storage of Hydrogen-191118

(71) Goulburn-Murray Water  
(21) 2018904430 (22) 20.11.2018  
(54) Apparatus and methods for controlling fluid flow through channels

(71) Gould Instruments Pty Ltd  
(21) 2018904410 (22) 19.11.2018  
(54) A Testing Device for Backflow Prevention Devices

(71) Gould Instruments Pty Ltd  
(21) 2018904418 (22) 19.11.2018  
(54) A Fire Hydrant Testing Device

(71) Griffith University  
(21) 2018904377 (22) 16.11.2018  
(54) STREPTOCOCCAL TOXIC SHOCK SYNDROME

(71) Hansen, K.  
(21) 2018904453 (22) 22.11.2018  
(54) Modular building construction

(71) harris, r.  
(21) 2018904437 (22) 21.11.2018  
(54) Remote controlled, automatic swing gate opener.

(71) Harris Industries Pty Ltd  
(21) 2018904445 (22) 21.11.2018  
(54) Sliding System

(71) Heimlich, S.; Codd, J.; Luharuka, A.  
(21) 2018904433 (22) 20.11.2018  
(54) Non-invasive iron level detection using photoplethysmography

(71) HFC Mining Pty Ltd  
(21) 2018904379 (22) 16.11.2018  
(54) Method of Mining

(71) Higgins, C.  
(21) 2018904392 (22) 16.11.2018  
(54) Improved computer architecture supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.

(71) Higgins, C.  
(21) 2018904396 (22) 19.11.2018  
(54) Improved computer architecture supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.

(71) Hudson, S.  
(21) 2018904472 (22) 23.11.2018  
(54) Animal Harness And Leash System

(71) Huggan, B.  
(21) 2018904465 (22) 22.11.2018  
(54) Latching Mechanism

(71) Hydrus Technology Pty. Ltd.  
(21) 2018904387 (22) 16.11.2018  
(54) METHOD OF TREATING A LIQUID INCLUDING AN ORGANOFUORINE

(71) Illinois Tool Works Inc.  
(21) 2018904420 (22) 19.11.2018  
(54) Corrosion-free dowel

(71) Illinois Tool Works Inc.  
(21) 2018904421 (22) 19.11.2018  
(54) Dowel sleeve

(71) Illinois Tool Works Inc.  
(21) 2018904422 (22) 19.11.2018  
(54) Articulating dowel system

(71) Illinois Tool Works Inc.  
(21) 2018904423 (22) 19.11.2018  
(54) Formwork panel

(71) Illinois Tool Works Inc.  
(21) 2018904424 (22) 19.11.2018  
(54) Capping

(71) Illinois Tool Works Inc.  
(21) 2018904425 (22) 19.11.2018  
(54) Support bracket

(71) Illinois Tool Works Inc.  
(21) 2018904441 (22) 21.11.2018  
(54) Improvements in Mounting of Hand Rails to Building Structures

(71) Jones, H.  
(21) 2018904485 (22) 24.11.2018  
(54) Reaming Tool

(71) JORDAN, P.; Waters, D.  
(21) 2018904486 (22) 25.11.2018  
(54) TARGET DECISION MODIFICATION REACTIONARY ROBOT

(71) Jury, K.; Wilkins, G.  
(21) 2018904462 (22) 22.11.2018  
(54) SOLAR PANEL ENERGY EXTRACTION SYSTEM

(71) KADMONSTA PTY. LTD.  
(21) 2018904483 (22) 24.11.2018  
(54) Extruded Internal Bulkhead Mount for wrapped and rolled tankers

**KAPLUN, P. see KAPLUN, G.**  
(21) 2018904474

**KAPLUN, P. see KAPLUN, G.**  
(21) 2018904474

(71) KAPLUN, G.; KAPLUN, P.; KAPLUN, P.  
(21) 2018904474 (22) 23.11.2018  
(54) Universal Crank Module Assembly and Applications

(71) Kinetic Engineering Services Pty Ltd  
(21) 2018904428 (22) 20.11.2018  
(54) A post retaining apparatus, system and method

(71) Krishnan, A.  
(21) 2018904394 (22) 18.11.2018  
(54) Training of vehicles to improve autonomous capabilities

(71) Krishnan, A.  
(21) 2018904395 (22) 18.11.2018  
(54) Training of vehicle to improve autonomous capabilities

(71) Kuiper, A.; Dobson, D.; Bedgood, T.  
(21) 2018904419 (22) 19.11.2018  
(54) HEADS UP DISPLAY

Provisional Applications Filed - Name Index cont'd

(71) Laing O'Rourke Australia Pty Ltd  
(21) 2018904451 (22) 22.11.2018  
(54) System and method for identifying a defined object and alerting a user

**Luharuka, A. see Heimlich, S.**  
(21) 2018904433

(71) LX Design House Pty Ltd  
(21) 2018904461 (22) 22.11.2018  
(54) Data logger, method and system

(71) Lycopodium Minerals Pty Ltd  
(21) 2018904389 (22) 16.11.2018  
(54) Panelisation System and Method

**Macquarie University see The University of Sydney**  
(21) 2018904479

(71) MANN + HUMMEL GmbH  
(21) 2018904480 (22) 23.11.2018  
(54) Oil Separator

(71) Mawhera Services Pty Ltd  
(21) 2018904449 (22) 22.11.2018  
(54) Method and Apparatus for Freezing of Biological Products

(71) McPhee, I.  
(21) 2018904378 (22) 16.11.2018  
(54) Pedicle Screws

(71) Minelab Electronics Pty. Limited  
(21) 2018904438 (22) 21.11.2018  
(54) AN IMPROVED METAL DETECTOR

(71) Mixed Reality Solutions Pty Ltd  
(21) 2018904446 (22) 22.11.2018  
(54) TECHNOLOGY CONFIGURED TO ENABLE MONITORING OF USER ENGAGEMENT WITH PHYSICAL PRINTED MATERIALS VIA AUGMENTED REALITY DELIVERY SYSTEM

(71) Monaghan, D.  
(21) 2018904435 (22) 21.11.2018  
(54) Warning Bollard and Insert therefor

(71) Music City Technologies Pty Ltd  
(21) 2018904456 (22) 22.11.2018  
(54) SYSTEMS AND METHODS FOR SENSING (3)

(71) Nahavandi, S.; Tescher, A.  
(21) 2018904484 (22) 24.11.2018  
(54) Measurements marked on the finger of any type of glove

(71) OZI INNOVATIONS PTY LTD  
(21) 2018904487 (22) 25.11.2018  
(54) Rubber Jaw Adjustable grips with interchangeable Jaws

(71) PARAGON TOOLS PTY LTD  
(21) 2018904460 (22) 22.11.2018  
(54) Trestle assembly and related system

(71) Peloton Blockchain Pty Ltd  
(21) 2018904481 (22) 23.11.2018  
(54) APPARATUS AND METHOD FOR INTERFACING WITH FINANCIAL TRANSACTION SYSTEMS

(71) Perrier, J.  
(21) 2018904383 (22) 16.11.2018  
(54) Device to stimulate a cough

(71) Pitt, K.  
(21) 2018904439 (22) 21.11.2018  
(54) BRAKE SHOE GUIDE IMPROVEMENTS

(71) Planet Intellectual Property Enterprises Pty Ltd  
(21) 2018904471 (22) 23.11.2018  
(54) METHOD, SYSTEM AND APPARATUS FOR SECURE COMMUNICATION OF COMMERCIAL &/OR CLINICAL INFORMATION WITH INTEGRITY OF DATA

(71) Res, G.  
(21) 2018904444 (22) 21.11.2018  
(54) A POWER MANAGEMENT DEVICE FOR FLAMEPROOF ALTERNATORS

(71) Rheem Australia Pty Limited  
(21) 2018904459 (22) 22.11.2018  
(54) An improved liquid heater

**Robey, C. see Burton, C.**  
(21) 2018904391

(71) Rothleitner, C.  
(21) 2018904416 (22) 19.11.2018  
(54) filter mass fluid filtration media

(71) S & Z Australia Pty Ltd  
(21) 2018904382 (22) 16.11.2018  
(54) Drill head and method for the removal of underground piping

(71) Scott Automation & Robotics Pty Ltd  
(21) 2018904426 (22) 20.11.2018  
(54) A FORKLIFT, FORK ASSEMBLY AND METHODS OF LOADING AND UNLOADING

(71) Sea Dragon Diving Pty Ltd  
(21) 2018904409 (22) 19.11.2018  
(54) A barrier

(71) Sfetsos, M.  
(21) 2018904447 (22) 22.11.2018  
(54) Anti-Storm Flexible Self Adjusting Winged Turbine

(71) Southern Cross Marine Culture R&D Pty Ltd  
(21) 2018904478 (22) 23.11.2018  
(54) METHOD OF PACKAGING SHELL-FISH

(71) Starpharma Pty Ltd  
(21) 2018904431 (22) 20.11.2018  
(54) Therapeutic Dendrimer

(71) Stormturbine Pty Limited  
(21) 2018904489 (22) 26.11.2018  
(54) APPARATUS AND METHODS FOR CONDENSING A VAPOUR FROM A GAS VAPOUR MIXTURE

(71) TELFIT PTY LTD  
(21) 2018904457 (22) 22.11.2018  
(54) Fitness System

**Tescher, A. see Nahavandi, S.**  
(21) 2018904484

(71) The Track Shop Pty Ltd  
(21) 2018904415 (22) 19.11.2018  
(54) GRADER BLADE

(71) The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre Pty Ltd  
(21) 2018904442 (22) 21.11.2018  
(54) Improved access cover frames for concrete form work

(71) The trustee for the Joshmatt Family Trust  
(21) 2018904443 (22) 21.11.2018  
(54) Stove Cook Top Guard

(71) The University of Adelaide  
(21) 2018904476 (22) 23.11.2018  
(54) METHOD AND SYSTEM TO ANALYSE PIPELINE CONDITION

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(71) The University of Melbourne  
 (21) 2018904434 (22) 21.11.2018  
 (54) A CONTROLLER FOR A PHOTOVOLTAIC GENERATION AND ENERGY STORAGE SYSTEM

(71) Willowtree Holdings Pty Ltd  
 (21) 2018904413 (22) 19.11.2018  
 (54) TEMPORARY BULKHEAD

(71) The University of Queensland  
 (21) 2018904376 (22) 16.11.2018  
 (54) Alkaline digestion of glass

(71) WIREMAN PTY LTD  
 (21) 2018904475 (22) 23.11.2018  
 (54) A Fence Post Assembly and Method

(71) The University of Sydney  
 (21) 2018904440 (22) 21.11.2018  
 (54) BONE FORMATION

(71) The University of Sydney; Macquarie University  
 (21) 2018904479 (22) 23.11.2018  
 (54) Methods for management of weight

(71) The University of Western Australia  
 (21) 2018904384 (22) 16.11.2018  
 (54) Boron Nitride Nanostructures

(71) The Yield Technology Solutions Pty Ltd  
 (21) 2018904454 (22) 22.11.2018  
 (54) Irrigation control using artificial intelligence on water balance

(71) Tjcarey Pty Ltd  
 (21) 2018904436 (22) 21.11.2018  
 (54) An adjustable stop

(71) TNBT Holdings Pty Ltd  
 (21) 2018904469 (22) 23.11.2018  
 (54) A GRAVITY HINGE, A GRAVITY HINGE KIT, AND A METHOD FOR ASSEMBLING A GRAVITY HINGE

(71) TRADE VIEW INVESTMENTS PTY LTD  
 (21) 2018904412 (22) 19.11.2018  
 (54) METHODS AND SYSTEMS FOR CONVERSION OF A GRAPHICAL FEATURE

(71) WALKER, S.  
 (21) 2018904488 (22) 26.11.2018  
 (54) Travel head support

**Waters, D. see JORDAN, P.**  
 (21) 2018904486

(71) Wells, M.  
 (21) 2018904427 (22) 20.11.2018  
 (54) Bird Deterrent Equine Feeder

**Wilkins, G. see Jury, K.**  
 (21) 2018904462



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2018904419	Kuiper, A.; Dobson, D.; Bedgood, T.	2018904488	WALKER, S.
2018904420	Illinois Tool Works Inc.	2018904489	Stormturbine Pty Limited
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2018904453	Hansen, K.		
2018904454	The Yield Technology Solutions Pty Ltd		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Nov 2018 .

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

<p>(71) AbbVie Deutschland GmbH &amp; Co. KG; AbbVie Inc. (21) 2018267662 (22) 23.11.2018 (54) Anti-EGFR antibody drug conjugate formulations (62) 2014228172</p>	<p>a property, and a method of operation thereof (62) 2012268831</p>	<p>(54) NETWORK DEVICE AND CONTROLLING METHOD THEREOF APPLICABLE FOR MESH NETWORKS (31) 106144270 (32) 15.12.17 (33) TW</p>
<p><b>AbbVie Inc. see AbbVie Deutschland GmbH &amp; Co. KG</b> (21) 2018267662</p>	<p>(71) Airxpanders, Inc. (21) 2018267629 (22) 22.11.2018 (54) Tissue Expanders, Implants, and Methods of Use (62) 2014218714</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018267638 (22) 22.11.2018 (54) GAMING SYSTEM AND METHOD IN WHICH BASE GAME PLAY AFFECTS FEATURE GAME OUTCOME (31) 15/824,079 (32) 28.11.17 (33) US</p>
<p>(71) Accenture Global Solutions Limited (21) 2018267628 (22) 22.11.2018 (54) VIRTUAL AGENT FOR IMPROVING ITEM IDENTIFICATION USING NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING TECHNIQUES (31) 15/824,334 (32) 28.11.17 (33) US</p>	<p>(71) Alcoa USA Corp (21) 2018267670 (22) 23.11.2018 (54) Systems and Methods of Protecting Electrolysis Cell Sidewalls (62) 2016247228</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018267672 (22) 23.11.2018 (54) Gaming system customer service techniques (62) 2017201501</p>
<p>(71) Accenture Global Solutions Limited (21) 2018267630 (22) 22.11.2018 (54) INTELLIGENT CHARGEBACK PROCESSING PLATFORM (31) 15/827,584 (32) 30.11.17 (33) US</p>	<p>(71) ALSTOM Transport Technologies (21) 2018267611 (22) 21.11.2018 (54) Positioning system for an electric vehicle in relation to a recharging station (31) 17 61068 (32) 22.11.17 (33) FR</p>	<p>(71) ASSIA SPE, LLC (21) 2018267677 (22) 23.11.2018 (54) Method and system for latency measurement in communication systems (62) 2016213912</p>
<p>(71) Accenture Global Solutions Limited (21) 2018267686 (22) 23.11.2018 (54) CONNECTED DEVICES FOR DETECTING AND RESPONDING TO EVENTS IN AN ENVIRONMENT (62) 2017208327</p>	<p>(71) Amplitude SAS (21) 2018267546 (22) 19.11.2018 (54) Surgical implant, method of surgery and method of designing a surgical implant (62) 2013332273</p>	<p>(71) Aurigene Discovery Technologies Limited (21) 2018267569 (22) 20.11.2018 (54) Bicyclic heterocyclyl derivatives as IRAK4 inhibitors (62) 2015205374</p>
<p>(71) Adaptive Spectrum and Signal Alignment, Inc. (21) 2018267616 (22) 21.11.2018 (54) Method and system for performance measurement of a communication link (62) 2016222369</p>	<p>(71) Aptevo Research and Development LLC (21) 2018267609 (22) 21.11.2018 (54) Single-chain multivalent binding proteins with effector function (62) 2016231617</p>	<p>(71) BADMAEV, V. (21) 2018267649 (22) 22.11.2018 (54) METHOD MAINTAINING IRON HOMEOSTASIS WITH SHOGAOLS (62) PCT/US2017/029622</p>
<p>(71) AGCO Corporation (21) 2018267585 (22) 20.11.2018 (54) Baler with automated positioning of plunger (62) 2015311984</p>	<p>(71) AqueSys, Inc. (21) 2018267617 (22) 21.11.2018 (54) Ab externo intraocular shunt placement (62) 2016270974</p>	<p>(71) Bajwa, K. (21) 2018267673 (22) 23.11.2018 (54) IMPROVEMENTS IN OR RELATING TO THE SUPPLY OF PILLOWS, AND A DEVICE FOR USE THEREIN (62) 2017202385</p>
<p>(71) Aglive International Pty Ltd (21) 2018267599 (22) 21.11.2018 (54) System, portable unit and server for associating one or more livestock with</p>	<p>(71) ARCADYAN TECHNOLOGY CORPORATION (21) 2018267566 (22) 20.11.2018 (54) WIRELESS NETWORK DEVICE AND ASSOCIATED WIRELESS NETWORK ACCESS METHOD (31) 106142278 (32) 01.12.17 (33) TW</p>	<p>(71) Bayer CropScience Aktiengesellschaft (21) 2018267571 (22) 20.11.2018 (54) Use of 2-chloro-3-(methylsulfanyl)-N-(1-methyl-1H-tetrazol-5-yl)-4-(trifluoromethyl)benzamide or its salts for controlling unwanted plants in areas</p>
<p>(71) ARCADYAN TECHNOLOGY CORPORATION (21) 2018267626 (22) 22.11.2018</p>	<p>(71) ARCADYAN TECHNOLOGY CORPORATION (21) 2018267626 (22) 22.11.2018</p>	<p>(71) ARCADYAN TECHNOLOGY CORPORATION (21) 2018267626 (22) 22.11.2018</p>

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of transgenic crop plants being tolerant to HPPD inhibitor herbicides  
**(62)** 2014356608

**(71)** Bayer HealthCare LLC  
**(21)** 2018267653 **(22)** 22.11.2018  
**(54)** Site-directed modification of FVIII  
**(62)** 2016203693

**(71)** Bellator Pty Ltd  
**(21)** 2018267580 **(22)** 20.11.2018  
**(54)** A Programmable Network, and Method for, Innovation  
**(31)** 2018904030 **(32)** 23.10.18 **(33)** AU  
 2018904045 24.10.18 AU

**(71)** Beth Israel Deaconess Medical Center, Inc.; Janssen Vaccines & Prevention B.V.  
**(21)** 2018267669 **(22)** 23.11.2018  
**(54)** Methods and compositions for inducing protective immunity against human immunodeficiency virus infection  
**(62)** 2015320574

**(71)** Better Homes Queensland Pty Ltd  
**(21)** 2018267643 **(22)** 22.11.2018  
**(54)** Component management system and method  
**(62)** 2013205741

**(71)** Bioverativ Therapeutics Inc.; Puget Sound Blood Center  
**(21)** 2018267631 **(22)** 22.11.2018  
**(54)** Methods of Reducing Immunogenicity Against Factor VIII in Individuals Undergoing Factor VIII Therapy  
**(62)** 2016210768

**(71)** BLUESCOPE STEEL LIMITED  
**(21)** 2018267679 **(22)** 23.11.2018  
**(54)** A solar roof sheet assembly  
**(62)** 2016247186

**(71)** Body Armour Pty Ltd  
**(21)** 2018267584 **(22)** 20.11.2018  
**(54)** THERAPEUTIC COMPOSITION

**(71)** C.S. Gent & Sons Ltd  
**(21)** 2018267624 **(22)** 22.11.2018  
**(54)** Soil opening  
**(62)** 2014349904

**(71)** Canon Kabushiki Kaisha  
**(21)** 2018267647 **(22)** 22.11.2018  
**(54)** Cartridge, process cartridge, and electrophotographic image generation device  
**(62)** 2016244218

**(71)** Carbon Energy Limited  
**(21)** 2018267570 **(22)** 20.11.2018  
**(54)** SACRIFICIAL LINER LINKAGES FOR AUTO-SHORTENING AN INJECTION PIPE FOR UNDERGROUND COAL GASIFICATION  
**(62)** 2016244342

**(71)** Casey, J.  
**(21)** 2018267684 **(22)** 23.11.2018  
**(54)** Vehicle with tilt lift device

**(71)** CEM Corporation  
**(21)** 2018267555 **(22)** 19.11.2018  
**(54)** RAPID ENERGIZED DISPERSIVE SOLID PHASE EXTRACTION (SPE) FOR ANALYTICAL ANALYSIS  
**(62)** 2017219166

**(71)** Cerenis Therapeutics Holding SA  
**(21)** 2018267598 **(22)** 21.11.2018  
**(54)** METHODS FOR THE SYNTHESIS OF SPHINGOMYELINS AND DIHYDRO-SPHINGOMYELINS  
**(62)** 2014229638

**(71)** COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD.  
**(21)** 2018267565 **(22)** 20.11.2018  
**(54)** ANCHOR ASSEMBLY WITH TOGGLE FOR HOLLOW WALLS  
**(62)** 2016262744

**(71)** Coexpair s.a.  
**(21)** 2018267560 **(22)** 19.11.2018  
**(54)** Improvements in or relating to resin supply systems  
**(31)** PCT/ **(32)** 20.11.17 **(33)** IB  
 EP2017/079807

**(71)** Corbion Biotech, Inc.  
**(21)** 2018267601 **(22)** 21.11.2018  
**(54)** Thioesterases and cells for production of tailored oils  
**(62)** 2014236763

**(71)** Cornell University  
**(21)** 2018267633 **(22)** 22.11.2018  
**(54)** METHOD FOR RELATIVE QUANTIFICATION OF NUCLEIC ACID SEQUENCE, EXPRESSION, OR COPY CHANGES, USING COMBINED NUCLEASE, LIGATION, AND POLYMERASE REACTIONS  
**(62)** 2013221480

**(71)** Covidien LP  
**(21)** 2018267581 **(22)** 20.11.2018  
**(54)** Laparoscopic tissue manipulation device  
**(31)** 16/185,043 **(32)** 09.11.18 **(33)** US  
 62/598,537 14.12.17 US

**(71)** Covidien LP  
**(21)** 2018267593 **(22)** 21.11.2018  
**(54)** Surgical buttress for circular stapling  
**(31)** 16/189,601 **(32)** 13.11.18 **(33)** US  
 62/596,146 08.12.17 US

**(71)** Covidien LP  
**(21)** 2018267608 **(22)** 21.11.2018  
**(54)** Chisel cut staples for use in surgical staplers and a method for manufacturing surgical staples  
**(31)** 16/189,509 **(32)** 13.11.18 **(33)** US  
 62/596,353 08.12.17 US

**(71)** CRISI Medical Systems, Inc.  
**(21)** 2018267666 **(22)** 23.11.2018  
**(54)** Flow sensor system including spring contacts  
**(62)** 2016316751

**(71)** Dallan S.p.A.  
**(21)** 2018267640 **(22)** 22.11.2018  
**(54)** APPARATUS FOR LASER OR PLASMA CUTTING OF PIECES OF LAMINAR MATERIAL WOUND IN COIL  
**(31)** 102017000134202 **(32)** 23.11.17 **(33)** IT

**(71)** Day, N.M.  
**(21)** 2018267547 **(22)** 19.11.2018  
**(54)** Method and apparatus for replicating coffee flavor  
**(62)** 2014248876

**(71)** Deere & Company  
**(21)** 2018267572 **(22)** 20.11.2018  
**(54)** Piezo actuated nozzle control valve  
**(31)** 16/145,691 **(32)** 28.09.18 **(33)** US  
 62/593,458 01.12.17 US

**(71)** DEKA Products Limited Partnership  
**(21)** 2018267582 **(22)** 20.11.2018  
**(54)** Method and system for communication between a monitoring client and a base  
**(62)** 2013266256

**(71)** Diversey, Inc.  
**(21)** 2018267606 **(22)** 21.11.2018  
**(54)** Decontamination method and apparatus  
**(62)** 2016262759

**(71)** Dolby International AB  
**(21)** 2018267665 **(22)** 23.11.2018  
**(54)** Method for and apparatus for decoding an ambisonics audio soundfield representation for audio playback using 2D setups  
**(62)** 2014339080

**(71)** DSM IP Assets B.V.  
**(21)** 2018267577 **(22)** 20.11.2018

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- (54) PROCESS FOR EXTRACTING LIPIDS FOR USE IN PRODUCTION OF BIO-FUELS  
(62) 2014364550
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- (71) Earth Technics Pty Ltd  
(21) 2018267548 (22) 19.11.2018  
(54) A method and system for borehole fracture zone sealing for drilling circulation mud loss control  
(31) 2017904735 (32) 23.11.17 (33) AU
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- (71) EMBERTEC PTY LTD  
(21) 2018267602 (22) 21.11.2018  
(54) POWER SYSTEM  
(62) 2017200451
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- (71) Engineering Innovations Group Pty Limited  
(21) 2018267583 (22) 20.11.2018  
(54) Connection System  
(31) 2017902790 (32) 17.07.17 (33) AU
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- (71) ETHICON ENDO-SURGERY, INC.  
(21) 2018267607 (22) 21.11.2018  
(54) ELECTRICALLY SELF-POWERED SURGICAL INSTRUMENT WITH MANUAL RELEASE  
(62) 2017213567
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- (71) Facebook, Inc.  
(21) 2018267680 (22) 23.11.2018  
(54) People directory with social privacy and contact association features  
(62) 2017248450
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- (71) Facebook, Inc.  
(21) 2018267681 (22) 23.11.2018  
(54) Überfeed  
(62) 2017245323
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- (71) Fisher & Paykel Healthcare Limited  
(21) 2018267634 (22) 22.11.2018  
(54) INTERFACE COMPRISING A ROLLING NASAL BRIDGE PORTION  
(62) 2017204094
- 
- (71) General Electric Company  
(21) 2018267568 (22) 20.11.2018  
(54) THERMAL MANAGEMENT SYSTEM AND METHOD  
(31) 15/821,729 (32) 22.11.17 (33) US
- 
- (71) Gilead Sciences, Inc.  
(21) 2018267573 (22) 20.11.2018  
(54) Tablets for combination therapy  
(62) 2017201473
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- (71) Hanmi Pharm, Co., Ltd.  
(21) 2018267648 (22) 22.11.2018
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- (54) Novel insulin analog and use thereof  
(62) 2014221531
- 
- (71) Hazer Group Ltd  
(21) 2018267558 (22) 19.11.2018  
(54) A process for producing hydrogen and graphitic carbon from hydrocarbons  
(62) 2016240393
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- (71) HeartFlow, Inc.  
(21) 2018267637 (22) 22.11.2018  
(54) Method and system for patient-specific modeling of blood flow  
(62) 2018226375
- 
- (71) HiODZ Limited  
(21) 2018267605 (22) 21.11.2018  
(54) System for Collaborative Transactions  
(62) 2016228312
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- (71) Honda Motor Co., Ltd.  
(21) 2018267678 (22) 23.11.2018  
(54) Transmission system for vehicle  
(62) 2016244253
- 
- (71) IGT  
(21) 2018267549 (22) 19.11.2018  
(54) System and Method for Utilizing Location-Based Analytics to Provide Gaming Awards  
(31) 15/845,551 (32) 18.12.17 (33) US
- 
- (71) IGT  
(21) 2018267567 (22) 20.11.2018  
(54) SYSTEM AND METHOD EMPLOYING VIRTUAL TICKETS  
(31) 15/845,453 (32) 18.12.17 (33) US
- 
- (71) IGT  
(21) 2018267656 (22) 23.11.2018  
(54) SYSTEM AND METHOD FOR UTILIZING VIRTUAL TICKET VOUCHERS  
(31) 15/850,605 (32) 21.12.17 (33) US
- 
- (71) IGT  
(21) 2018267657 (22) 23.11.2018  
(54) SYSTEM AND METHOD FOR CENTRALIZING FUNDS TO A PRIMARY GAMING ESTABLISHMENT ACCOUNT  
(31) 15/850,565 (32) 21.12.17 (33) US
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- (71) IGT  
(21) 2018267658 (22) 23.11.2018  
(54) UPGRADE SYMBOL COLLECTION FOR SKILL-BASED GAMES IN A GAMING SYSTEM  
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(71) Westfaelische Wilhelms-Universitaet Muenster  
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(71) Yau Lee Wah Concrete Precast Products (Shenzhen) Company Limited  
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(Huizhou) Company Limited  
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(54) MODULAR INTEGRATED BUILD-  
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THEREOF  
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2018267547	Day, N.M.	2018267613	Travel Caddy, Inc.
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2018267553	Krishnan, A.	2018267617	AqueSys, Inc.
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2018267556	Inventio AG	2018267620	Lyrical Labs Video Compression Technology, LLC
2018267557	NTT DOCOMO, INC.	2018267622	NewGen Therapeutics, Inc.
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2018267560	Coexpair s.a.	2018267625	Ionis Pharmaceuticals, Inc.
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2018267562	Prism Surgical Designs Pty Ltd	2018267627	Johnson & Johnson Surgical Vision, Inc.
2018267563	Yau Lee Wah Construction Materials (Huizhou) Company Limited	2018267628	Accenture Global Solutions Limited
2018267564	Yau Lee Wah Concrete Precast Products (Shenzhen) Company Limited	2018267629	Airxpanders, Inc.
2018267565	COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD.	2018267630	Accenture Global Solutions Limited
2018267566	ARCADYAN TECHNOLOGY CORPORATION	2018267631	Bioverativ Therapeutics Inc.; Puget Sound Blood Center
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2018267569	Aurigene Discovery Technologies Limited	2018267634	Fisher & Paykel Healthcare Limited
2018267570	Carbon Energy Limited	2018267636	Sanofi
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2018267573	Gilead Sciences, Inc.	2018267639	JPMORGAN CHASE BANK, N.A.
2018267574	Visy R & D Pty Ltd	2018267640	Dallan S.p.A.
2018267575	Weatherford Technology Holdings, LLC	2018267641	Konami Gaming, Inc.
2018267576	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	2018267642	Tuff Made Industries Pty Ltd
2018267577	DSM IP Assets B.V.	2018267643	Better Homes Queensland Pty Ltd
2018267578	Ocuphire Pharma, Inc.	2018267644	Nokia Solutions and Networks Oy
2018267579	Ormazabal Y Cia, S.L.U.	2018267645	View, Inc.
2018267580	Bellator Pty Ltd	2018267646	Litestone Holdings Pty Limited
2018267581	Covidien LP	2018267647	Canon Kabushiki Kaisha
2018267582	DEKA Products Limited Partnership	2018267648	Hanmi Pharm, Co., Ltd.
2018267583	Engineering Innovations Group Pty Limited	2018267649	BADMAEV, V.
2018267584	Body Armour Pty Ltd	2018267650	Virtual Worksite Limited
2018267585	AGCO Corporation	2018267651	The Boeing Company
2018267586	Solar Analytics Pty Ltd	2018267652	Jennewein Biotechnologie GmbH
2018267587	Johnson & Johnson Vision Care, Inc.	2018267653	Bayer HealthCare LLC
2018267588	Solar Analytics Pty Ltd	2018267654	Pakall Pty Ltd
2018267589	INCYTE HOLDINGS CORPORATION	2018267655	MILWAUKEE ELECTRIC TOOL CORPORATION
2018267590	Laxmiharayana, P.; Singh, A.K.	2018267656	IGT
2018267591	Laxmiharayana, P.	2018267657	IGT
2018267592	McCOUBREY, N.	2018267658	IGT
2018267593	Covidien LP	2018267659	IGT
2018267594	Memorial Sloan-Kettering Cancer Center	2018267662	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2018267595	McCloskey, J.	2018267664	IGT
2018267596	Monsanto Technology LLC	2018267665	Dolby International AB
2018267597	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2018267666	CRISI Medical Systems, Inc.
2018267598	Cerenis Therapeutics Holding SA	2018267667	Owens-Brockway Glass Container Inc.
2018267599	Aglive International Pty Ltd	2018267668	Tata Consultancy Services Limited
2018267600	Monsanto Technology LLC	2018267669	Beth Israel Deaconess Medical Center, Inc.; Janssen Vaccines & Prevention B.V.
2018267601	Corbion Biotech, Inc.	2018267670	Alcoa USA Corp
2018267602	EMBERTEC PTY LTD	2018267671	ResMed Limited
2018267603	The Markov Corporation	2018267672	Aristocrat Technologies Australia Pty Limited
2018267604	Softbank Robotics Europe	2018267673	Bajwa, K.
2018267605	HiODZ Limited	2018267674	Intuit Inc.
2018267606	Diversey, Inc.	2018267675	Implantica Patent Ltd
2018267607	ETHICON ENDO-SURGERY, INC.	2018267676	The Boeing Company
2018267608	Covidien LP	2018267677	ASSIA SPE, LLC
2018267609	Aptevo Research and Development LLC	2018267678	Honda Motor Co., Ltd.
		2018267679	BLUESCOPE STEEL LIMITED
		2018267680	Facebook, Inc.
		2018267681	Facebook, Inc.



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<b>2018267682</b>	Samsung Electronics Co., Ltd.
<b>2018267684</b>	Casey, J.
<b>2018267685</b>	Westfaelische Wilhelms-Universitaet Muenster
<b>2018267686</b>	Accenture Global Solutions Limited

**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Nov 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Aristocrat Technologies Australia Pty Limited (21) 2018101800 (22) 22.11.2018 (54) A GAMING DEVICE WITH PRIZE CHANCE CONFIGURABLE SYMBOL (62) 2018241080	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101808 (22) 25.11.2018 (54) Water-soluble phenolic resin production plant (31) 2017112534272 (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101816 (22) 25.11.2018 (54) α-cyanoacrylate production plant (31) 2017112535928 (32) 02.12.17 (33) CN
(71) Autoslide Pty Ltd (21) 2018101786 (22) 19.11.2018 (54) A Driving System for An Automatic Sliding Door (62) 2017200191	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101809 (22) 25.11.2018 (54) Phenolic polyvinyl acetal production plant (31) 2017112534963 (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101817 (22) 25.11.2018 (54) Polyacrylate pressure sensitive adhesive production plant (31) 2017112533833 (32) 02.12.17 (33) CN
(71) BEALLA LEGAL PTY LTD (21) 2018101799 (22) 22.11.2018 (54) An online platform for ordering a contract review and process for a lawyer to complete a contract review.	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101810 (22) 25.11.2018 (54) Modified resin phenolic butyronitrile production plant (31) 2017112534198 (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101818 (22) 25.11.2018 (54) Anaerobic sealing adhesive production plant (31) 2017112534287 (32) 02.12.17 (33) CN
(71) Bend-tech Investments 1 Pty Ltd (21) 2018101802 (22) 23.11.2018 (54) Hydraulic ram safety support	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101811 (22) 25.11.2018 (54) Polyvinyl formal production plant (31) 2017112534338 (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101819 (22) 25.11.2018 (54) Triphenylmethane triisocyanate production plant (31) 2018100001712 (32) 01.01.18 (33) CN
(71) BLW Enterprises Pty Ltd (21) 2018101790 (22) 20.11.2018 (54) WATER TANKER FILLING ASSEMBLY	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101812 (22) 25.11.2018 (54) Polyvinyl acetate production plant (31) 2017112534342 (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101820 (22) 25.11.2018 (54) Thermoplastic polyurethane production plant (31) 2017112533848 (32) 02.12.17 (33) CN
(71) Casey, J. (21) 2018101803 (22) 23.11.2018 (54) Vehicle with tilt lift device	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101813 (22) 25.11.2018 (54) Urea-formaldehyde resin production plant (31) 201711253581X (32) 02.12.17 (33) CN	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101821 (22) 25.11.2018 (54) Two-component polyurethane production plant (31) 2017112534978 (32) 02.12.17 (33) CN
(71) Chen, F.; Shi, Q.; Deng, S. (21) 2018101751 (22) 17.11.2018 (54) A distributed attack detection and information security sharing algorithm over multitask networks	(71) Chengdu Mai Ke Bei En Technology Co., Ltd. (21) 2018101814 (22) 25.11.2018 (54) Powdered urea-formaldehyde resin adhesive production plant (31) 2017112534982 (32) 02.12.17 (33) CN	(71) Chengdu Mei Sen We Er Technology Co., Ltd. (21) 2018101759 (22) 17.11.2018 (54) Penetrant sodium benzylnaphthalene sulfonate production plant (31) 2017112391368 (32) 30.11.17 (33) CN

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|--|---|--|
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101760 (22) 18.11.2018<br/>                     (54) Penetrant n-butyl oleate sodium sulfate production plant<br/>                     (31) 201711236332X (32) 30.11.17 (33) CN</p>                         | <p>(54) Dispersant ω-hydrogen perfluoroheptanoate potassium salt production plant<br/>                     (31) 2017112534268 (32) 30.11.17 (33) CN</p>   | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101742 (22) 17.11.2018<br/>                     (54) H53-2 red lead epoxy ester alkyd production plant<br/>                     (31) 2017112178865 (32) 28.11.17 (33) CN</p>                     |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101761 (22) 18.11.2018<br/>                     (54) Vitamin E drug intermediate dodecyl dimethyl tertiary amine production plant<br/>                     (31) 2017112386020 (32) 30.11.17 (33) CN</p>     | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101770 (22) 18.11.2018<br/>                     (54) Dispersant sodium lignosulphonate production plant<br/>                     (31) 2017112533829 (32) 02.12.17 (33) CN</p>                      | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101743 (22) 17.11.2018<br/>                     (54) Chlorinated rubber coating production plant<br/>                     (31) 2017112132185 (32) 28.11.17 (33) CN</p>                           |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101762 (22) 18.11.2018<br/>                     (54) Antistatic agent diethyl stearyl ethyl benzyl ammonium chloride production plant<br/>                     (31) 2017112391372 (32) 30.11.17 (33) CN</p> | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101771 (22) 18.11.2018<br/>                     (54) Polyvinyl alcohol modified starch production plant<br/>                     (31) 2017112534179 (32) 02.12.17 (33) CN</p>                      | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101744 (22) 17.11.2018<br/>                     (54) Metallic material protection coating production plant<br/>                     (31) 2017112168308 (32) 28.11.17 (33) CN</p>                 |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101763 (22) 18.11.2018<br/>                     (54) Antistatic agent N-octyl-diaminoethyl glycine hydrochloride production plant<br/>                     (31) 2017112375346 (32) 30.11.17 (33) CN</p>     | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101772 (22) 18.11.2018<br/>                     (54) Emulsifier glycerol monostearate production plant<br/>                     (31) 2017112391673 (32) 02.12.17 (33) CN</p>                       | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101745 (22) 17.11.2018<br/>                     (54) Ultra-fine titanium dioxide production plant<br/>                     (31) 2017112177025 (32) 28.11.17 (33) CN</p>                          |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101765 (22) 18.11.2018<br/>                     (54) Penetrant fatty alcohol polyoxyethylene ether production plant<br/>                     (31) 2017112391724 (32) 30.11.17 (33) CN</p>                   | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101773 (22) 18.11.2018<br/>                     (54) Polyoxypropylene glyceryl ether production plant<br/>                     (31) 2017112533814 (32) 02.12.17 (33) CN</p>                        | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101746 (22) 17.11.2018<br/>                     (54) Ultra-fine lightweight calcium carbonate production plant<br/>                     (31) 2017112180719 (32) 28.11.17 (33) CN</p>             |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101766 (22) 18.11.2018<br/>                     (54) Dispersant nonylphenol polyoxyethylene ether production plant<br/>                     (31) 2017112363334 (32) 30.11.17 (33) CN</p>                    | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101774 (22) 18.11.2018<br/>                     (54) Alkyl glucoside production plant<br/>                     (31) 2017112534060 (32) 02.12.17 (33) CN</p>  | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101747 (22) 17.11.2018<br/>                     (54) Hydrophilic ultra-fine aluminum silicate production plant<br/>                     (31) 201711213219X (32) 28.11.17 (33) CN</p>             |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101767 (22) 18.11.2018<br/>                     (54) Emulsifier triisopropylamine polyoxyethylene ether production plant<br/>                     (31) 2017112397769 (32) 30.11.17 (33) CN</p>              | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101775 (22) 19.11.2018<br/>                     (54) Bactericide perfluorodecene sodium oxybenzenesulfonate production plant<br/>                     (31) 2017112534075 (32) 02.12.17 (33) CN</p> | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101748 (22) 17.11.2018<br/>                     (54) Superfine hydrated ruthenium dioxide production plant<br/>                     (31) 2017112142581 (32) 28.11.17 (33) CN</p>                 |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101768 (22) 18.11.2018<br/>                     (54) Emulsifier sucrose stearate production plant<br/>                     (31) 2017112361930 (32) 30.11.17 (33) CN</p>                                     | <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101776 (22) 19.11.2018<br/>                     (54) Stabilizer methyl cellulose production plant<br/>                     (31) 2017112534183 (32) 02.12.17 (33) CN</p>                            | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101749 (22) 17.11.2018<br/>                     (54) High temperature materials aluminum titanate ceramic production plant<br/>                     (31) 2017112266692 (32) 30.11.17 (33) CN</p> |
| <p>(71) Chengdu Mei Sen We Er Technology Co., Ltd.<br/>                     (21) 2018101769 (22) 18.11.2018</p>  | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101741 (22) 17.11.2018<br/>                     (54) FSF-1 water-based intumescent fire retardant coating production plant<br/>                     (31) 2017112144159 (32) 28.11.17 (33) CN</p>      | <p>(71) Chengdu Meng Te Si Technology Co., Ltd.<br/>                     (21) 2018101750 (22) 17.11.2018<br/>                     (54) High-strength material silicon carbide ceramic production plant<br/>                     (31) 2017112231439 (32) 30.11.17 (33) AF</p>       |

Innovation Patent Applications Filed - Name Index cont'd

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101752 (22) 17.11.2018  
 (54) High hardness material titanium carbide ceramic production plant  
 (31) 2017112316719 (32) 30.11.17 (33) CN

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101754 (22) 17.11.2018  
 (54) Functional material zirconia ceramic production plant  
 (31) 2017112230756 (32) 30.11.17 (33) CN

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101755 (22) 17.11.2018  
 (54) High hardness material alumina ceramic production plant  
 (31) 2017112266885 (32) 30.11.17 (33) CN

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101756 (22) 17.11.2018  
 (54) Polymer material filler calcium sulfate whisker production plant  
 (31) 2017112317162 (32) 30.11.17 (33) CN

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101757 (22) 17.11.2018  
 (54) Composite ceramic enhancer mullite whisker production plant  
 (31) 2017112316723 (32) 30.11.17 (33) CN

(71) Chengdu Meng Te Si Technology Co., Ltd.  
 (21) 2018101758 (22) 17.11.2018  
 (54) High temperature material filler silicon carbide whisker production plant  
 (31) 201711226689X (32) 30.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101732 (22) 17.11.2018  
 (54) Water-based ethylene-propylene emulsion paint production plant  
 (31) 2017111763931 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101733 (22) 17.11.2018  
 (54) Elastic liquid waterproof coating production plant  
 (31) 2017111763946 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101734 (22) 17.11.2018  
 (54) Modified asphalt emulsion waterproof coating production plant  
 (31) 2017111764629 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101735 (22) 17.11.2018  
 (54) Emulsified asphalt waterproof coating production plant  
 (31) 2017111776556 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101736 (22) 17.11.2018  
 (54) Compound modification polystyrene emulsion coating production plant  
 (31) 2017111794535 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101737 (22) 17.11.2018  
 (54) Perchloroethylene waterproof coating production plant  
 (31) 2017111797919 (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101738 (22) 17.11.2018  
 (54) Polyurethane coating production plant  
 (31) 201711179831X (32) 23.11.17 (33) CN

(71) Chengdu Wei Er Bo Dun Technology Co., Ltd.  
 (21) 2018101739 (22) 17.11.2018  
 (54) Neoprene paint production plant  
 (31) 2017111763594 (32) 23.11.17 (33) CN

(71) Containerclad Limited  
 (21) 2018101780 (22) 19.11.2018  
 (54) Electrical Equipment Housing  
 (31) 1814575.5 (32) 07.09.18 (33) GB

(71) Containerclad Limited  
 (21) 2018101781 (22) 19.11.2018  
 (54) Cabinet for Housing Electrical Equipment  
 (31) 1814581.3 (32) 07.09.18 (33) GB

(71) Cufone, M.J.  
 (21) 2018101778 (22) 19.11.2018  
 (54) Multi Trolley Clamp

Dahdah, P. see Dahdah, C.  
 (21) 2018101797

(71) Dahdah, C.; Dahdah, P.  
 (21) 2018101797 (22) 21.11.2018  
 (54) Restraining Order GPS Monitor Device. This is an ankle or wrist device paired with one or multiple devices so if the offenders device comes within a nominated range to the paired devices, a signal is sent via satellite back to a police call centre, and also a warning sent to the victim/s on their device in vibration and/or sound mode and mobile phone

letting them know that the RO has been breached and gives them time to react. An activation signal is sent if the device is removed, broken or runs out of battery. All parties will be required to wear the RO Monitors.

Deng, S. see Chen, F.  
 (21) 2018101751

Deng, S. see Chen, F.  
 (21) 2018101753

(71) Dennis, I.; Young, A.  
 (21) 2018101801 (22) 22.11.2018  
 (54) AN IMPROVED HAUL ROAD GUIDE FOR NIGHT DRIVING CONDITIONS  
 (31) 2017905049 (32) 18.12.17 (33) AU  
 2018903400 11.09.18 AU  
 201821479933.3 11.09.18 CN

(71) Fabtale Productions Pty Ltd  
 (21) 2018101791 (22) 21.11.2018  
 (54) MULTI- AUTHOR MEDIA AND COMMUNICATIONS SYSTEMS AND METHODS  
 (31) 2017904717 (32) 22.11.17 (33) AU

(71) G.R HOSKING & N.W VERBOEKET; Verboeket, N.; Hosking, G.  
 (21) 2018101777 (22) 19.11.2018  
 (54) Parcel Box with a unique and innovative hook for securing to a property.  
 (31) 2017904578 (32) 10.11.17 (33) AU

(71) GASAPPS AUSTRALIA PTY LTD; Ryan, R.  
 (21) 2018101785 (22) 19.11.2018  
 (54) Multi Active Liquid Carbon Dioxide Aerosol

Gross, R. see MYG GROUP PTY LTD  
 (21) 2018101804

(71) Grunstein, A.  
 (21) 2018101822 (22) 25.11.2018  
 (54) iEternal will serve as a universal time capsule that is accessible to all peoples regardless of nationality, class or financial circumstances.

(71) GTL Renewable Pty Ltd  
 (21) 2018101793 (22) 21.11.2018  
 (54) METHOD AND SYSTEM FOR CONTROLLING OPERATION OF A RENEWABLE ENERGY SYSTEM

(71) Hazer Group Ltd  
 (21) 2018101787 (22) 19.11.2018

Innovation Patent Applications Filed - Name Index cont'd

(54) A process for producing hydrogen and graphitic carbon at elevated pressure  
(62) 2016240393

(71) Hazer Group Ltd  
(21) 2018101788 (22) 19.11.2018  
(54) A process for producing hydrogen and graphite from natural gases  
(62) 2016240393

Hedayati, M. see Korki, M.  
(21) 2018101805

(71) Hoo, R.  
(21) 2018101740 (22) 17.11.2018  
(54) ESCORT BOOKING METHOD AND SYSTEM  
(31) 2017904652 (32) 17.11.17 (33) AU

Hosking, G. see G.R HOSKING & N.W VERBOEKET  
(21) 2018101777

(71) Jiaxing Jackson Travel Products Co., Ltd.  
(21) 2018101779 (22) 19.11.2018  
(54) LUGGAGE CASE BODY AND LUGGAGE CASE MANUFACTURED FROM THE SAME  
(62) PCT/CN2016/106112

(71) Korki, M.; Tahmasbi, M.; Hedayati, M.  
(21) 2018101805 (22) 24.11.2018  
(54) THE SMART ELECTROMECHANICAL VOLUME AND LEVEL METER FOR FLUIDS USING ENCODER SENSOR

(71) Mavengere, I.  
(21) 2018101794 (22) 21.11.2018  
(54) Childrens' immune booster syrup with Andrographis and Echinacea

(71) MELSAS AUSTRALIA PTY LTD  
(21) 2018101610 (22) 26.10.2018  
(54) Blend & set Flawless makeup sponge

(71) MYG GROUP PTY LTD; Gross, R.  
(21) 2018101804 (22) 23.11.2018  
(54) A B2C creative e-product system that is used to connect the advertiser (business) to their intended target market who are profile matched through variety of algorithms to be invited to take part in generating personalized ideas and concepts, story boards to bid their ideas to be selected for use by the advertiser (business)

(71) No Sweat, LLC  
(21) 2018101783 (22) 19.11.2018

(54) DEVICE FOR ABSORBING AND RETAINING SWEAT  
(62) PCT/US2017/032796

(71) Oil Mining & Gas Ltd t/a OMG Engineering  
(21) 2018101798 (22) 22.11.2018  
(54) A Hinge

(71) OXTI CORPORATION  
(21) 2018101795 (22) 21.11.2018  
(54) SLIDING-RAIL-TYPE POSITIONING-SEAT

(71) Pickdelso Oy  
(21) 2018101823 (22) 25.11.2018  
(54) Trailer for delivery of products

Ryan, R. see GASAPPS AUSTRALIA PTY LTD  
(21) 2018101785

Serban, M. see Xenara Financial Pty Ltd  
(21) 2018101796

Shi, Q. see Chen, F.  
(21) 2018101751

Shi, Q. see Chen, F.  
(21) 2018101753

Tahmasbi, M. see Korki, M.  
(21) 2018101805

(71) Thomas, E.J.  
(21) 2018101792 (22) 08.11.2018  
(54) Ketosin: Ghee Capsules Formulation

(71) Van Tonder, A.J.  
(21) 2018101784 (22) 19.11.2018  
(54) Chair Bracing Apparatus  
(62) PCT/IB2017/051491

Verboeket, N. see G.R HOSKING & N.W VERBOEKET  
(21) 2018101777

(71) withers, S.  
(21) 2018101764 (22) 18.11.2018  
(54) Easy slab is a stay in place component based formwork system for casting single directional ribbed concrete slabs ribbed slabs save on concrete while giving superior spans for medium to heavy loads Easy slab is a lightweight stay in place component based formwork it is easily transportable and no cranes are required. The advantages of Easy slab are that the floor is EPS

insulated and sound proofed with its "bridge" between the "pans" it allows for most utilities to be run within the void created by the "bridge"

(71) Xenara Financial Pty Ltd; Califano, M.; Serban, M.  
(21) 2018101796 (22) 21.11.2018  
(54) An Online Home Loan Comparison Calculator with added functionality, allowing the user to ascertain the net effect of adding the cost of a Solar PV System to the original home loan amount. The Solar Home Loan Calculator allows the user to compare 2 different loan amounts with 2 varying or equal interest rates, showing a net loss or gain in terms of loan payments. The calculator also allows the user to input the electricity savings generated by the Solar PV System in dollar terms, as extra loan repayments, illustrating the reduction in overall home loan interest payable, loan term & LVR.

Young, A. see Dennis, I.  
(21) 2018101801

(71) Zhejiang Guoxiang Co., Ltd  
(21) 2018101806 (22) 24.11.2018  
(54) Ultra - high precision constant temperature and humidity air conditioning system and control method

Numerical Index

<b>2018101610</b>	MELSAS AUSTRALIA PTY LTD	<b>2018101777</b>	G.R HOSKING & N.W VERBOEKET; Verboeket, N.; Hosking, G.
<b>2018101732</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101778</b>	Cufone, M.J.
<b>2018101733</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101779</b>	Jiaxing Jackson Travel Products Co., Ltd.
<b>2018101734</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101780</b>	Containerclad Limited
<b>2018101735</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101781</b>	Containerclad Limited
<b>2018101736</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101783</b>	No Sweat, LLC
<b>2018101737</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101784</b>	Van Tonder, A.J.
<b>2018101738</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101785</b>	GASAPPS AUSTRALIA PTY LTD; Ryan, R.
<b>2018101739</b>	Chengdu Wei Er Bo Dun Technology Co., Ltd.	<b>2018101786</b>	Autoslide Pty Ltd
<b>2018101740</b>	Hoo, R.	<b>2018101787</b>	Hazer Group Ltd
<b>2018101741</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101788</b>	Hazer Group Ltd
<b>2018101742</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101789</b>	Archbold, A.
<b>2018101743</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101790</b>	BLW Enterprises Pty Ltd
<b>2018101744</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101791</b>	Fabtale Productions Pty Ltd
<b>2018101745</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101792</b>	Thomas, E.J.
<b>2018101746</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101793</b>	GTL Renewable Pty Ltd
<b>2018101747</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101794</b>	Mavengere, I.
<b>2018101748</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101795</b>	OXTI CORPORATION
<b>2018101749</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101796</b>	Xenara Financial Pty Ltd; Califano, M.; Serban, M.
<b>2018101750</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101797</b>	Dahdah, C.; Dahdah, P.
<b>2018101751</b>	Chen, F.; Shi, Q.; Deng, S.	<b>2018101798</b>	Oil Mining & Gas Ltd t/a OMG Engineering
<b>2018101752</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101799</b>	BEALLA LEGAL PTY LTD
<b>2018101753</b>	Chen, F.; Deng, S.; Shi, Q.	<b>2018101800</b>	Aristocrat Technologies Australia Pty Limited
<b>2018101754</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101801</b>	Dennis, I.; Young, A.
<b>2018101755</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101802</b>	Bend-tech Investments 1 Pty Ltd
<b>2018101756</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101803</b>	Casey, J.
<b>2018101757</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101804</b>	MYG GROUP PTY LTD; Gross, R.
<b>2018101758</b>	Chengdu Meng Te Si Technology Co., Ltd.	<b>2018101805</b>	Korki, M.; Tahmasbi, M.; Hedayati, M.
<b>2018101759</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101806</b>	Zhejiang Guoxiang Co., Ltd
<b>2018101760</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101807</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101761</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101808</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101762</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101809</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101763</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101810</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101764</b>	withers, S.	<b>2018101811</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101765</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101812</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101766</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101813</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101767</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101814</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101768</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101815</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101769</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101816</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101770</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101817</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101771</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101818</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101772</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101819</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101774</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101820</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101775</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101821</b>	Chengdu Mai Ke Bei En Technology Co., Ltd.
<b>2018101776</b>	Chengdu Mei Sen We Er Technology Co., Ltd.	<b>2018101822</b>	Grunstein, A.
		<b>2018101823</b>	Pickdelso Oy

Applications with amended filing dates Reg 3.5(A).

2018101601 **Gjedsted, A.** The filing date has been amended to 06.11.2018

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

**1998**

1998093224 ( 14 )    1998093231 ( 14 )    1998093234 ( 14 )  
 1998093236 ( 14 )    1998093237 ( 14 )    1998093250 ( 14 )  
 1998093284 ( 14 )    1998093296 ( 14 )    1998094060 ( 14 )  
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**1999**

1999010540 ( 14 )    1999010541 ( 14 )    1999010544 ( 14 )  
 1999011684 ( 14 )    1999011704 ( 14 )    1999011748 ( 14 )  
 1999012186 ( 14 )    1999012422 ( 14 )    1999012478 ( 14 )  
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 1999014180 ( 14 )    1999014184 ( 14 )    1999014216 ( 14 )  
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 1999021487 ( 14 )    1999021972 ( 14 )    1999021974 ( 14 )  
 1999026995 ( 14 )    1999028054 ( 14 )    1999039006 ( 14 )  
 1999040733 ( 14 )    1999040735 ( 14 )    1999041837 ( 14 )  
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**2000**

2000044322 ( 14 )    2000044323 ( 14 )    2000045237 ( 14 )

2000045712 ( 14 )    2000045932 ( 14 )    2000048361 ( 14 )  
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**2001**

2001259687 ( 14 )    2001260833 ( 14 )    2001261298 ( 14 )  
 2001265945 ( 14 )    2001269005 ( 14 )

**2002**

2002257265 ( 14 )    2002258137 ( 14 )    2002301268 ( 14 )  
 2002302607 ( 14 )    2002303722 ( 14 )    2002305531 ( 14 )  
 2002306037 ( 14 )    2002308713 ( 14 )    2002308720 ( 14 )  
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**2003**

2003200989 ( 14 )    2003204104 ( 14 )    2003204710 ( 14 )  
 2003228924 ( 14 )    2003229037 ( 14 )    2003234367 ( 14 )  
 2003235399 ( 14 )    2003239403 ( 14 )    2003258756 ( 14 )  
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**2004**

2004201956 ( 14 )    2004201994 ( 14 )    2004202017 ( 14 )  
 2004236479 ( 14 )    2004237995 ( 14 )    2004238353 ( 14 )  
 2004238361 ( 14 )    2004238379 ( 14 )    2004238870 ( 14 )  
 2004240927 ( 14 )    2004318006 ( 14 )    2004319321 ( 14 )

**2005**

2005201954 ( 14 )    2005204258 ( 14 )    2005239907 ( 14 )  
 2005241136 ( 14 )    2005241846 ( 14 )    2005243406 ( 14 )  
 2005244058 ( 14 )    2005244425 ( 14 )    2005245087 ( 14 )  
 2005249033 ( 14 )    2005259664 ( 14 )    2005261267 ( 14 )  
 2005331643 ( 14 )    2005331740 ( 14 )

**2006**

2006201008 ( 14 )    2006201976 ( 14 )    2006202724 ( 14 )  
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 2006233226 ( 14 )    2006244070 ( 14 )    2006244080 ( 14 )  
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 2006269069 ( 14 )    2006343586 ( 14 )

**2007**

2007246814 ( 14 )    2007246858 ( 14 )    2007247321 ( 14 )  
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2008202052 ( 14 )    2008202067 ( 14 )    2008202068 ( 14 )  
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**2009**

2009201847 ( 14 )    2009201874 ( 14 )    2009215860 ( 16D )  
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**2010**

2010101266 ( 22 )    2010101270 ( 22 )    2010101279 ( 22 )  
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2011100528 ( 22G ) 2011202181 ( 14 ) 2011202191 ( 14 )  
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**2012**

2012100453 ( 22 ) 2012100564 ( 22E ) 2012101886 ( 22 )  
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2013100565 ( 22 ) 2013100628 ( 22E ) 2013101723 ( 22E )  
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**2014**

2014100472 ( 22E ) 2014200260 ( 5C ) 2014202500 ( 4A )  
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**2016**

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**2017**

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 2017203749 ( 5C ) 2017203806 ( 5C ) 2017203903 ( 5C )  
 2017204500 ( 5C ) 2017225167 ( 4C ) 2017248476 ( 4C )  
 2017251846 ( 12C ) 2017904719 ( 12AN )

**2018**

2018100275 ( 21F ) 2018101293 ( 18AN ) 2018101310 ( 18AN )  
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 2018223048 ( 1B ) 2018226377 ( 1B ) 2018226395 ( 1B )  
 2018900350 ( 12AN ) 2018902197 ( 17AN ) 2018902198 ( 17AN )  
 2018902201 ( 17AN ) 2018902202 ( 17AN )

**Assignments before Grant, Section 113**

**2012**

2012375257 R-Pharm, Cjsc (closed Joint Stock Company) The application has been assigned to **R-Pharm International, Limited Liability Company**

**2013**

2013329451 Relypsa, Inc. The application has been assigned to **Vi-for Pharma Technology Ltd.**

2013378122 R-Pharm, CJSC (Closed Joint Stock Company) The application has been assigned to **R-Pharm International, Limited Liability Company**

**2014**

2014385190 West, Joshua; Ryan, John; Flosi, Steven; Estwing Manufacturing Company, Inc. The application has been assigned to **Estwing Manufacturing Company, Inc.**



**Assignments before Grant, Section 113**

**2015**

2015207548 Shenzhen Tailai Biopharmaceuticals, LLC The application has been assigned to **MYGT Biopharmaceutical LLC**

2015287993 Mast Therapeutics, Inc. The application has been assigned to **LifeRaft Biosciences, Inc.**

2015315842 MCT Research and Development The application has been assigned to **MCT Holdings Limited**

**2016**

2016277661 Rasmussen, Ole-Bendt The application has been assigned to **The Supreme Industries Limited**

2016280303 McCormick, John; Kruger, Jennifer; Nielsen, Poul; Taberner, Andrew; Budgett, David; AUCKLAND UNISERVICES LIMITED The application has been assigned to **AUCKLAND UNISERVICES LIMITED**

2016298092 Garrity Power Services LLC The application has been assigned to **Relink Limited**

2016347533 Moore, Brian; Morrow, Christopher; Teclite Industries Limited The application has been assigned to **Teclite Industries Limited**

2016374872 Repsol, S.A. The application has been assigned to **Enagas Services Solutions, S.L.U; Repsol, S.A.**

**2017**

2017238103 Ari d'Agostino, Csilla; d'Agostino, Dominic The application has been assigned to **University of South Florida**

2017253113 Ball, Robert; IMASCAP SAS The application has been assigned to **IMASCAP SAS**

2017270201 Academia Sinica; Shih, Chiaho The application has been assigned to **Academia Sinica**

2017900619 Mygrain Solutions Pty Ltd The application has been assigned to **IP Machinery Pty Ltd**

2017900994 Elsey, Justin The application has been assigned to **Zy-dex Pty Ltd**

**2018**

2018201312 Acedem Pty Ltd The application has been assigned to **BENTLEY, Paul**

2018201760 Morphotek Inc. The application has been assigned to **Eisai Inc.**

2018253475 Lagoon, Mathew; Lagoon, Colin The application has been assigned to **Verdeloong Enterprises Pty Ltd**

2018904010 Welcome Fit Pty Ltd The application has been assigned to **Runr Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2013**

2013230686 **Axis Energy Group Pty Ltd** An application to extend the time from 30 Nov 2017 to 30 Sep 2018 in which to pay the acceptance fee has been filed . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

**2014**

2014200712 **Shubin Sr., S.** An application to extend the time from 11 Feb 2018 to 11 Oct 2018 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015303818 **Newsouth Innovations Pty Limited** An application to extend the time from 11 Mar 2017 to 11 Aug 2018 in which to enter the national phase has been filed . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2018**

2018250475 **Geopier Foundation Company, Inc.** An application to extend the time from 08 Jun 2018 to 08 Nov 2018 in which to make a further application for a divisional patent has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2004**

2004274002 **Xenoport, Inc.** The time in which to pay a renewal fee has been extended to 17 Sep 2018 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**2005**

2005301970 **Xenoport, Inc.** The time in which to pay a renewal fee has been extended to 03 Sep 2018 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**2008**

2008351276 **RAG AKTIENGESELLSCHAFT** The time in which to pay a renewal fee has been extended to 19 Sep 2018 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

**2010**

2010207073 **Academisch Ziekenhuis Leiden h.o.d.n. LUMC** The time in which to pay a renewal fee has been extended to 26 Aug 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2012**

2012342258 **CompactGTL Limited** The time in which to pay a renewal fee has been extended to 15 Aug 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2012362378 **Development Center for Biotechnology; DCB-USA LLC** The time in which to pay a renewal fee has been extended to 27 Aug

**Extensions of Time, Section 223**

2018 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

**2013**

2013316001 **Munger, K.** The time in which to pay a continuation fee has been extended to 23 Jul 2018 . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

2013345302 **Western Digital Technologies, Inc.** The time in which to pay the acceptance fee has been extended to 07 Oct 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014202264 **Solie, L.** The time in which to request Examination has been extended to 28 Nov 2018 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

**2016**

2016201677 **Lexis-Nexis A Division Of Reed Elsevier Inc** The time in which to pay the acceptance fee has been extended to 06 Sep 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2017**

2017202256 **Wave Power Renewables Limited** The time in which to pay a continuation fee has been extended to 03 Jul 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2017203568 **LTA Corporation** The time in which to pay a continuation fee has been extended to 06 Sep 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017218615 **Synthon Biopharmaceuticals B.v.** The time in which to enter the National Phase has been extended to 12 Nov 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**2018**

2018241217 **Watt, A.** The time in which to associate with a complete application has been extended to 05 Nov 2018 . Address for service - Golja Haines & Friend PO Box 1014 South Perth WA 6951 AU

**Amendments**

**Applications for Amendment**

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

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

**2003**

2003212040 Substituted Cyclopentane And Cyclopentene Compounds Useful As Neuraminidase Inhibitors **Biocryst Pharmaceuticals, Inc.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 14 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2013**

2013202231 Apparatus for handling containers **Australian Mobile Mining Equipment Systems and Accessories Pty. Limited** The nature of the amendment is as shown in the statement(s) filed 05 Oct 2018 . Address for service - Australian Patent and Trademark Services PO BOX 688 NORTH ADELAIDE SA 5006 AU

2013211543 A Coupler **S T Couplers Limited** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2018 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2013315186 Drill string components having multiple-thread joints **BLY IP Inc.** The nature of the amendment is: Amend the name of the inventors to read Drenth, Christopher L. and Littlely, Keith William . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2014**

2014202406 ANTIVIRAL THERAPY **ViiV Healthcare Company** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2014240049 Heterocyclic compounds and their uses **Amgen Inc. ; Cytokinetics, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2015**

2015266278 Link chain of a moving walkway or an escalator **Inventio AG** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2018 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

**2016**

2016202479 Medical/surgical waste collection unit with a float element that is zero set **Stryker Corporation** The nature of the amendment is: Amend the name of the inventor to read Rocque, Glen D.; Gamhewage, Chamara and Reasoner, Stephen J. . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2017**

2017200093 HIGH VISCOSITY DIUTAN GUMS AND METHODS OF PRODUCING **CP Kelco U.S., Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**Amendments Made**

**2010**

2010244978 **Australian Skin Lab Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Durso, Roberto Francesco; Unni, Chaithanya and Hamza, Nallattuthodika Ameer

**Amendments****2012**

2012391049 **Kachigian LP** The nature of the amendment is as shown in the statement filed 20 Aug 2018

**2013**

2013251749 **International Stem Cell Corporation** The nature of the amendment is: Amend the name of the inventor to read Gonzalez, Rodolfo; Garitaonandia, Ibon and Kern, Russell Adrian

2013255031 **University Health Network** The nature of the amendment is as shown in the statement filed 30 Aug 2018

2013361107 **Biogen International Neuroscience GmbH; Biogen MA Inc.** The nature of the amendment is: Amend the name of the inventor to read Weinreb, Paul H.; Chen, Feng; Stark, Ellen Garber; Grimm, Jan and Montrasio, Fabio

**2014**

2014200704 **Wyeth LLC** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2018 and 08 Aug 2018

2014203072 **ROSE U** The nature of the amendment is as shown in the statement(s) filed 06 Sep 2017 and 08 Aug 2018

2014212936 **Nippon Gas Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND SYSTEM FOR MANAGING LEAVE SCHEDULE OF DELIVERYMAN

2014214850 **Celgene Corporation** The nature of the amendment is as shown in the statement filed 28 Aug 2018

2014318980 **Wi-Tronix, LLC** The nature of the amendment is as shown in the statement filed 29 Oct 2018

2014396695 **Telefonaktiebolaget LM Ericsson (publ)** The nature of the amendment is: Amend the name of the inventor to read Miao, Qingyu; Garcia, Virgile and Li, Gen

2014396794 **Nautilus, Inc.** The nature of the amendment is as shown in the statement filed 10 Aug 2018

**2015**

2015200131 **Bon Bon Boy - Collins Square Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101936

2015291317 **SAG GmbH** The nature of the amendment is: Amend the name of the inventor to read Schneider, Rudi and Scharnberg, Raoul

2015296145 **Hirsch, A.** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2018 and 15 Aug 2018

2015354040 **GC Corporation** The nature of the amendment is: Amend the invention title to read Surface treatment agent for wax pattern and method of manufacturing dental prosthesis

**Amendments**

2015366689 **Shenyang Sinochem Agrochemicals R&D Co., Ltd.** The nature of the amendment is: Amend the invention title to read Uracil compounds containing isoxazoline ring and the uses thereof

2015394001 **Razer (Asia-Pacific) Pte. Ltd.** The nature of the amendment is as shown in the statement filed 07 Aug 2018

**2016**

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

2016359128 **Qualcomm Incorporated** The nature of the amendment is: Amend the name of the inventor to read Hower, Derek Robert; Cain III, Harold Wade and Waldspurger, Carl Alan

2016370963 **Medtronic Advanced Energy LLC** The nature of the amendment is: Amend the name of the inventor to read Patel, Bhavesh D.; Sylvester, Joseph; Hubelbank, David; Polgar, Stephen R.; Siopes, William and Patel, Rajan

2016403145 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Abrasion-Resistant Steel Plate and Method of Producing Abrasion-Resistant Steel Plate

2016403146 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Abrasion-Resistant Steel Plate and Method of Producing Abrasion-Resistant Steel Plate

2016403147 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Abrasion-Resistant Steel Plate and Method of Producing Abrasion-Resistant Steel Plate

2016403221 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Abrasion-Resistant Steel Plate and Method of Producing Abrasion-Resistant Steel Plate

2016405016 **Peng, S.** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2018 and 21 Nov 2018

2016408809 **Qingdao Haier Joint Stock Co., Ltd** The nature of the amendment is: Amend the invention title to read Left-right door opening mechanism and refrigerator

2016408810 **Qingdao Haier Joint Stock Co., Ltd** The nature of the amendment is: Amend the invention title to read Left-right door opening mechanism and refrigerator

**2017**

2017206165 **The Dynamic Engineering Solution Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Fiorinotto, Oscar

2017249012 **Qualcomm Incorporated** The nature of the amendment is: Amend the name of the inventor to read Hampel, Karl Georg; Park, Vincent Douglas; Cheng, Hong and Horn, Gavin Bernard

**Amendments**

2017254033 **Shanghai Hongyan Returnable Transit Packagings Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read JIAN, Yuanli and TONG, Sendi

2017255549 **Beijing SMTP Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read TOOL BIT FOR AN ULTRASONIC OSTEOTOME

2017256027 **Prevor International** The nature of the amendment is: Amend the invention title to read Solid depollution composition, method for obtaining it and its uses

2017259344 **Beijing Jingdong Shangke Information Technology Co., Ltd.; Beijing Jingdong Century Trading Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR CONTROLLING MULTI-WINDOW DISPLAY IN INTERFACE

2017260567 **Delmoni, A.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2018

2017262666 **NeuroVision Imaging, Inc.** The nature of the amendment is as shown in the statement filed 13 Nov 2018

2017262874 **Wang, S.; Tse, T.; Zhang, Z.** The nature of the amendment is: Amend the name of the inventor to read WANG, Shaoke; TSE, Theresa Y Y; ZHANG, Zhao; DOU, Ping; XU, Jingrui; TIAN, Hongwei and ZHANG, Wanyu

2017262875 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RADIO FRAME SENDING AND RECEIVING METHODS AND APPARATUS

2017264959 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read FURY, Matthew G and LOWY, Israel

2017266677 **Martinswerk GmbH** The nature of the amendment is: Amend the invention title to read Alumina Products And Uses Thereof In Polymer Compositions With High Thermal Conductivity

2017266867 **Apple Inc.** The nature of the amendment is: Amend the priority details to read PA 2016 70628 16 Aug 2016 DK; 15/269,801 19 Sep 2016 US; 62/338,994 19 May 2016 US and 62/347,852 09 Jun 2016 US

2017282744 **Qingdao Haier Joint Stock Co., Ltd** The nature of the amendment is: Amend the invention title to read Refrigerating and freezing device

2017284079 **Qualcomm Incorporated** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2018

2017286808 **Megadyne Medical Products, Inc.** The nature of the amendment is: Amend the invention title to read Hand-held instrument with dual zone fluid removal

2017293325 **CocoNutZ Pte. Ltd.** The nature of the amendment is: Amend the name of the inventor to read Cheetham, Peter Samuel James; Langwallner, Christoph; Langwallner, Margit; Hermansen, Christian; Shiang, Candy Chuing Tey and Tan, Wen Jue Amelia

**Amendments**

2017331961 **Shenzhen Skyworth-RGB Electronic Co., Ltd.** The nature of the amendment is: Amend the invention title to read FILE UP-LOADING AND DOWNLOADING METHOD BASED ON A SMART DEVICE

2017370096 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read Stopping method for oxygen-free working face of high gassy mine

2017371908 **Neogen Corporation** The nature of the amendment is as shown in the statement filed 31 Aug 2018

**2018**

2018101449 **Beiyuan Australia Pty Limited** The nature of the amendment is: Amend the invention title to read Transmission system for shearing handpiece

2018250376 **Caterpillar Underground Mining Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Bourgoin, Guillaume M.

2018253450 **CAC Nantong Chemical Co., LTD** The nature of the amendment is: Amend the priority details to read 201711049390.1 31 Oct 2017 CN

2018253644 **LAKE COUNTRY MANUFACTURING, INC.** The nature of the amendment is: Amend the priority details to read 16/171,974 26 Oct 2018 US and 62/578,797 30 Oct 2017 US

2018904321 **Southern Spongolite Industries Pty Ltd** The nature of the amendment is: To amend the name to read Southern Spongolite Industries Pty Ltd

2018904359 **UBIQ Technologies Pty Ltd** The nature of the amendment is: Amend the applicant name to read UBIQ Technologies Pty Ltd

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

**2000**

2000041261 Otor The name of the patentee has been altered to **DS SMITH PACKAGING France**

2000052276 Otor The name of the patentee has been altered to **DS SMITH PACKAGING France**

**2004**

2004246999 Aduro BioTech The name of the patentee has been altered to **Aduro Biotech, Inc.,**

2004314347 Aduro BioTech The name of the patentee has been altered to **Aduro BioTech, Inc.**

**2007**

2007316562 Janssen Sciences Ireland UC The name of the patentee has been altered to **Janssen Sciences Ireland Unlimited Company**

**Amendments**

**2008**

2008327747 OTOR The name of the patentee has been altered to **DS SMITH PACKAGING France**

**2010**

2010203588 Enlighten Technologies, Inc. The name of the patentee has been altered to **Med-Logics, Inc.**

2010214786 Aspen Motion Technologies, Inc; Delta T Corporation The name of the patentee has been altered to **Aspen Motion Technologies, Inc; Delta T, LLC**

**2011**

2011250680 Rampart Fibers, LLC The name of the patentee has been altered to **Innegra Technologies, LLC**

**2012**

2012205289 Janssen Sciences Ireland UC The name of the patentee has been altered to **Janssen Sciences Ireland Unlimited Company**

2012322762 Universite Pierre et Marie Curie The name of the patentee has been altered to **Sorbonne Universite; Assistance Publique-Hospitaux de Paris; Centre National de la Recherche Scientifique; Universite Paris-Est Creteil Val de Marne; ICM-Institut du Cerveau et de la Moelle Epiniere; OTR3**

2012357331 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

**2013**

2013211301 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

2013284256 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

2013313248 Love Sun Body, LLC The name of the patentee has been altered to **Love Sun Body LLC**

**2014**

2014255679 Laboratorios Del Dr. Esteve, S.A. The name of the patentee has been altered to **Esteve Pharmaceuticals, S.A.**

2014336327 Tyco Electronics Raychem BVBA The name of the applicant has been altered to **CommScope Connectivity Belgium BVBA**

2014395130 L-3 Communications Corporation The name of the applicant has been altered to **L3 Technologies, Inc.**

**2015**

2015226831 Royal Melbourne Institute of Technology; he University of Melbourne The name of the applicant has been altered to **Royal Melbourne Institute of Technology**

2015306828 Trinity North American Freight Car Inc. The name of the applicant has been altered to **Trinity North American Freight Car, Inc.**

**Amendments**

**2016**

2016200197 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

2016225026 Ebbu, LLC The name of the applicant has been altered to **ebbu, Inc.**

2016384051 Zhuzhou CCR Times Electric Co., Ltd. The name of the applicant has been altered to **Zhuzhou CRR Times Electric Co., Ltd**

**2017**

2017206165 Dynamic Engineering Solutions The name of the applicant has been altered to **The Dynamic Engineering Solution Pty Ltd**

2017250794 Ebbu, LLC The name of the applicant has been altered to **ebbu, Inc.**

2017256470 SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION; AP Technologies Corp. The name of the applicant has been altered to **SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION; Advanced Protein Technologies Corp.**

2017262874 Theresa Y.Y. Tse; Zhao Zhang The name of the applicant has been altered to **Wang, S.; Tse, T.; Zhang, Z.**

2017268371 Loxo Oncology, Inc.; Array BioPharma Inc.; Eary, Charles The name of the applicant has been altered to **Loxo Oncology, Inc.; Array BioPharma Inc.**

2017269287 UV Concepts, Inc. The name of the applicant has been altered to **UV-Concepts Inc.**

2017902347 Dometic Holding AB The name of the applicant has been altered to **Dometic Sweden AB**

**2018**

2018260918 Pratt Corrugated Holdings, Inc. The name of the applicant has been altered to **Pratt Retail Specialties, LLC**

2018900327 ARNOLDS INNOVATION PTY LTD The name of the applicant has been altered to **Arnolds Innovations Pty Ltd**

**Amendments Made Under Section 105**

Court Order by the Federal Court of Victoria, VID436/2018 Australian Patent/Patent Application 2011261171 in the name of Technological Resources Pty. Limited The amendments advertised in the Official Journal of Patents dated 23 Aug 2018 have been made in accordance with a Court Order 13 Nov 2018 .

Applications Open to Public Inspection

Name Index

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

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(71) 3M Innovative Properties Company  
 (11) AU-A-2018203166  
 (21) 2018203166 (22) 07.05.2018  
 (54) A roof anchor  
 (51) Int. Cl.  
*E04G 21/32* ( 2006.01 )  
*E04D 13/12* ( 2006.01 )  
 (31) 2017901823 (32) 16.05.17 (33) AU  
 (43) 06.12.2018  
 (72) Ratalino, Oscar  
 (74) FPA Patent Attorneys Pty Ltd

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(71) 3M Innovative Properties Company  
 (11) AU-A-2018264039  
 (21) 2018264039 (22) 14.11.2018  
 (54) Computer-assisted medical information analysis  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
*G06F 19/00* ( 2006.01 )  
*G06Q 30/00* ( 2006.01 )  
*G06Q 50/00* ( 2006.01 )  
*G08B 21/00* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016257671  
 (72) Austin, Steven M.; Garrison, Garri L.; Kelantan Pelegrin, Khalod S.; Zawsowski, Jeremy M.  
 (74) Davies Collison Cave Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018263404  
 (21) 2018263404 (22) 13.11.2018  
 (54) HARDWARE BLOCKCHAIN CONSENSUS OPERATING PROCEDURE ENFORCEMENT  
 (51) Int. Cl.  
*H04L 9/06* ( 2006.01 )  
*G06F 12/14* ( 2006.01 )  
*G06Q 20/40* ( 2012.01 )  
 (43) 06.12.2018  
 (62) 2017204196  
 (72) RAMATHAL, Noel Vivek; GREENE, Kevin Bernard  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018263997  
 (21) 2018263997 (22) 13.11.2018  
 (54) DEVELOPMENT AND PRODUCTION DATA BASED APPLICATION EVOLUTION  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06F 15/18* ( 2006.01 )

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(43) 06.12.2018  
 (62) 2017213459  
 (72) KAULGUD, Vikrant; SINGI, Kapil; SAXENA, Amitabh; DINAKAR, Chethana; PODDER, Sanjay  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018264114  
 (21) 2018264114 (22) 16.11.2018  
 (54) MACHINE LEARNING TRAVEL MANAGEMENT SYSTEM WITH WEARABLE DEVICE INTEGRATION  
 (51) Int. Cl.  
*G06Q 10/02* ( 2012.01 )  
 (43) 06.12.2018  
 (62) 2017203504  
 (72) RANGAN, Trilok; NAGARAJ, Chaitra; CHAUDHARY, Rahul  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018267537  
 (21) 2018267537 (22) 19.11.2018  
 (54) PRECISION AGRICULTURE SYSTEM  
 (51) Int. Cl.  
*G06Q 50/02* ( 2012.01 )  
 (43) 06.12.2018  
 (62) 2017208239  
 (72) KOUTSORODI, Arternis; LOKANATHAN, Badri; MATHUR, Ankur; WEBBER, Brandon; SPATA, Gregory P.; BARSAMIAN, Paul M.; GONZALEZ AYALA, Adalberto  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acorda Therapeutics, Inc.  
 (11) AU-A-2018264093  
 (21) 2018264093 (22) 15.11.2018  
 (54) Therapeutic Dosing Of A Neuregulin Or A Fragment Thereof For Treatment Or Prophylaxis Of Heart Failure  
 (51) Int. Cl.  
*A61K 38/18* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2014225534  
 (72) Caggiano, Anthony O.; Ganguly, Anindita; Iaci, Jennifer; Parry, Tom  
 (74) Spruson & Ferguson

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(71) Adaptive Spectrum and Signal Alignment, Inc.  
 (11) AU-A-2018267616  
 (21) 2018267616 (22) 21.11.2018  
 (54) Method and system for performance measurement of a communication link  
 (51) Int. Cl.  
*H04L 12/26* ( 2006.01 )

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(43) 06.12.2018  
 (62) 2016222369  
 (72) YUN, Sungho; GARCIA, Carlos; BALAKRISHNAN, Manikanden; RHEE, Wonjong  
 (74) Griffith Hack

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(71) AeroVironment, Inc.  
 (11) AU-A-2018263983  
 (21) 2018263983 (22) 13.11.2018  
 (54) UAV payload module camera assembly and retraction mechanism  
 (51) Int. Cl.  
*B64D 47/00* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016228152  
 (72) ZWAAN, John Peter; BELIK, Pavel; DIMOTAKIS, Manolis; D'AQUILA, Christopher J.  
 (74) Spruson & Ferguson

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(71) AFINITI EUROPE TECHNOLOGIES LIMITED  
 (11) AU-A-2018264038  
 (21) 2018264038 (22) 14.11.2018  
 (54) TECHNIQUES FOR L3 PAIRING AND WORKFORCE MANAGEMENT IN A CONTACT CENTER SYSTEM  
 (51) Int. Cl.  
*H04M 3/50* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017366663  
 (72) CHISHTI, Zia  
 (74) AJ PARK

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(71) AGCO Corporation  
 (11) AU-A-2018267585  
 (21) 2018267585 (22) 20.11.2018  
 (54) Baler with automated positioning of plunger  
 (51) Int. Cl.  
*A01F 15/08* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2015311984  
 (72) RETZLAFF, Lawrence; WAGGONER, Robert; TACKE, Kevin  
 (74) Griffith Hack

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(71) Alexza Pharmaceuticals, Inc.  
 (11) AU-A-2018264013  
 (21) 2018264013 (22) 13.11.2018  
 (54) Use of antistatic materials in the airway for thermal aerosol condensation process  
 (51) Int. Cl.  
*A61M 11/04* ( 2006.01 )  
*A61K 9/12* ( 2006.01 )  
*A61M 15/02* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 06.12.2018  
 (62) 2016229119  
 (72) Myers, Daniel J.; Kubel, Khe; Cassella, James  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Allegro Pharmaceuticals, Inc.  
 (11) AU-A-2018264033  
 (21) 2018264033 (22) 14.11.2018  
 (54) Integrin receptor antagonists and their methods for use  
 (51) Int. Cl.  
**A61K 38/00** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017204193  
 (72) Mackel, Michael John; Park, John Y.; Karageozian, Hampar L.; Karageozian, Vicken H.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ALSTOM Transport Technologies  
 (11) AU-A-2018203251  
 (21) 2018203251 (22) 10.05.2018  
 (54) Method for transmitting steering information to a railway vehicle, and associated interlocking system and railway installation  
 (51) Int. Cl.  
**B61L 3/02** ( 2006.01 )  
 (31) 17 54482 (32) 19.05.17 (33) FR  
 (43) 06.12.2018  
 (72) Radomiak, Andre; Lesaine, Thierry; Langlet, Patrick  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AME Pty Ltd  
 (11) AU-A-2018241088  
 (21) 2018241088 (22) 19.05.2018  
 (54) Compensated elevator link  
 (51) Int. Cl.  
**E21B 19/09** ( 2006.01 )  
**B66C 13/10** ( 2006.01 )  
 (31) 2017901910 (32) 19.05.17 (33) AU  
 (43) 06.12.2018  
 (72) Cree, David; Wright, Jonathan; Semmens, Kayne  
 (74) IP Sentinels Patent and Trademark Attorneys
- 
- (71) Amgen Inc.  
 (11) AU-A-2018264100  
 (21) 2018264100 (22) 15.11.2018  
 (54) Overexpression Of N-Glycosylation Pathway Regulators To Modulate Glycosylation Of Recombinant Proteins  
 (51) Int. Cl.  
**C12P 21/00** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2014380174  
 (72) GUPTA, Shivani; KANG, Sohye  
 (74) WRAYS PTY LTD
- 
- (71) Amplitude SAS  
 (11) AU-A-2018267546

- (21) 2018267546 (22) 19.11.2018  
 (54) Surgical implant, method of surgery and method of designing a surgical implant  
 (51) Int. Cl.  
**A61F 2/38** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2013332273  
 (72) MACDESSI, Samuel John; CHEN, Darren Beazley; WERNECKE, Gregory Caldwell  
 (74) Spruson & Ferguson
- 
- (71) Anacor Pharmaceuticals, Inc.  
 (11) AU-A-2018264116  
 (21) 2018264116 (22) 16.11.2018  
 (54) Novel compounds for treating parasitic disease  
 (51) Int. Cl.  
**C07F 5/02** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017263785  
 (72) Akama, Tsutomu; Carter, David Scott; Halladay, Jason S.; Jacobs, Robert T.; Liu, Yang; Plattner, Jacob J.; Zhang, Yong-Kang; Witty, Michael John  
 (74) Shelston IP Pty Ltd.
- 
- (71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2018203466  
 (21) 2018203466 (22) 16.05.2018  
 (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 )  
 (31) 2017-099903 (32) 19.05.17 (33) JP  
 (43) 06.12.2018  
 (72) Shigeta, Yasushi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Anthrogenesis Corporation  
 (11) AU-A-2018264110  
 (21) 2018264110 (22) 16.11.2018  
 (54) Methods of tissue generation  
 (51) Int. Cl.  
**A61L 27/38** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017201485  
 (72) Bhatia, Mohit B.; Hariri, Robert J.; Hofgartner, Wolfgang; Wang, Jia-Lun; Ye, Qian  
 (74) FB Rice Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2018203023  
 (21) 2018203023 (22) 01.05.2018  
 (54) Transferring playback queues between devices  
 (51) Int. Cl.  
**G06F 15/16** ( 2006.01 )  
**G06F 3/00** ( 2006.01 )  
 (31) 62/507,100 (32) 16.05.17 (33) US

- (43) 06.12.2018  
 (72) GRAHAM, David C.; PAULSON, Nicholas J.; SCHMIDT, Johannes P.; CAR-RIGAN, Taylor G.; BRADLEY, Bob; YE, Haishan; GRANDY, James C.; LASTIC, Pierre de; LEROUGE, Julien; ALSINA, Thomas  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2018220034  
 (21) 2018220034 (22) 17.04.2018  
 (54) Intelligent automated assistant for media exploration  
 (51) Int. Cl.  
**G06F 17/28** ( 2006.01 )  
**G06F 3/16** ( 2006.01 )  
**G10L 21/00** ( 2013.01 )  
 (31) 62/506,981 (32) 16.05.17 (33) US  
 PA201770426 01.06.17 DK  
 PA201770425 01.06.17 DK  
 (43) 06.12.2018  
 (72) Graham, David Chance; Irani, Cyrus Daniel; Piercy, Aimee; Alsina, Thomas; Weinberg, Garrett L.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2018260948  
 (21) 2018260948 (22) 25.04.2018  
 (54) Detecting a trigger of a digital assistant  
 (51) Int. Cl.  
**G06F 3/16** ( 2006.01 )  
 (31) PA201770421 (32) 31.05.17 (33) DK  
 62/507,042 16.05.17 US  
 PA201770420 31.05.17 DK  
 (43) 06.12.2018  
 (72) Kim, Yoon; Bridle, John; Atkins, Joshua D.; Li, Feipeng; Souden, Mehrez  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2018264015  
 (21) 2018264015 (22) 13.11.2018  
 (54) Virtual camera for 3D maps  
 (51) Int. Cl.  
**G01C 21/36** ( 2006.01 )  
**G06F 17/30** ( 2006.01 )  
**G06T 19/20** ( 2011.01 )  
 (43) 06.12.2018  
 (62) 2016222501  
 (72) PIEMONTE, Patrick S.; PAHWA, Aroon; MOORE, Christopher D.; HOWARD, James A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Arbutus Biopharma Corporation  
 (11) AU-A-2018264026  
 (21) 2018264026 (22) 14.11.2018  
 (54) Lipid compositions  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 31/50** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 06.12.2018  
 (62) 2017200272  
 (72) Manoharan, Muthiah; Rajeev, Kallanthottathil G.; Jayaraman, Muthusamy; Butler, David; Jung, Michael E.  
 (74) Davies Collison Cave Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018264014  
 (21) 2018264014 (22) 13.11.2018  
 (54) A SYSTEM AND METHOD FOR USE WITH A GAMING MACHINE  
 (51) Int. Cl.  
 A63F 13/00 (2006.01)  
 G07F 17/32 (2006.01)  
 (43) 06.12.2018  
 (62) 2016247205  
 (72) Boesen, John  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018264032  
 (21) 2018264032 (22) 14.11.2018  
 (54) GAMING METHOD AND GAMING SYSTEM  
 (51) Int. Cl.  
 A63F 9/18 (2006.01)  
 G06F 17/00 (2006.01)  
 (43) 06.12.2018  
 (62) 2017202370  
 (72) Newstead, Oliver Boyd  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018264073  
 (21) 2018264073 (22) 15.11.2018  
 (54) A DISPLAY DEVICE FOR A GAMING MACHINE  
 (51) Int. Cl.  
 A63F 13/00 (2006.01)  
 (43) 06.12.2018  
 (62) 2017203530  
 (72) ANDERSON, Philip Jeffrey; BOND, Anthony Wayne; MCKAY, Linn Anthony; STEWART, Scott Monroe  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018264153  
 (21) 2018264153 (22) 16.11.2018  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
 A63F 13/00 (2006.01)  
 (43) 06.12.2018  
 (62) 2016256799  
 (72) LEBARON, Richard G.  
 (74) Griffith Hack

(71) Aroma System S.r.l.  
 (11) AU-A-2018203048  
 (21) 2018203048 (22) 02.05.2018

(54) Method and system for the production of beverages  
 (51) Int. Cl.  
 A47J 31/36 (2006.01)  
 (31) 102017000054650 (32) 19.05.17 (33) IT  
 (43) 06.12.2018  
 (72) RAPPARINI, Gino; GENERALI, Maurizio  
 (74) FPA Patent Attorneys Pty Ltd

(71) AUCKLAND UNISERVICES LIMITED  
 (11) AU-A-2018264135  
 (21) 2018264135 (22) 16.11.2018  
 (54) HEAD AND EYE TRACKING  
 (51) Int. Cl.  
 G06T 7/20 (2006.01)  
 A61B 3/14 (2006.01)  
 A61B 5/11 (2006.01)  
 (43) 06.12.2018  
 (62) 2014251486  
 (72) Thompson, Ben; Turuwhenua, Jason  
 (74) AJ PARK

(71) Aurigene Discovery Technologies Limited  
 (11) AU-A-2018267569  
 (21) 2018267569 (22) 20.11.2018  
 (54) Bicyclic heterocycl derivatives as IRAK4 inhibitors  
 (51) Int. Cl.  
 C07D 413/14 (2006.01)  
 A61K 31/428 (2006.01)  
 A61K 31/454 (2006.01)  
 (43) 06.12.2018  
 (62) 2015205374  
 (72) Gummadi, Venkateshwar Rao; Samajdar, Susanta  
 (74) Shelston IP Pty Ltd.

(71) Aus Chairs Pty Ltd  
 (11) AU-A-2018206763  
 (21) 2018206763 (22) 18.07.2018  
 (54) Reinforcing Spacer  
 (51) Int. Cl.  
 E04C 5/16 (2006.01)  
 E04G 21/18 (2006.01)  
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 (74) MEYER WEST IP PTY LTD

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 (54) Methods And Apparatus For A Conducted Electrical Weapon  
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 F41H 13/00 (2006.01)  
 F41B 15/00 (2006.01)  
 (43) 06.12.2018  
 (62) 2016390807  
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 (74) WRAYS PTY LTD

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(21) 2018264104

(71) Bayer CropScience Aktiengesellschaft  
 (11) AU-A-2018267571  
 (21) 2018267571 (22) 20.11.2018  
 (54) Use of 2-chloro-3-(methylsulfanyl)-N-(1-methyl-1H-tetrazol-5-yl)-4-(trifluoromethyl)benzamide or its salts for controlling unwanted plants in areas of transgenic crop plants being tolerant to HPPD inhibitor herbicides  
 (51) Int. Cl.  
 A01N 25/00 (2006.01)  
 A01N 43/70 (2006.01)  
 A01N 43/707 (2006.01)  
 A01N 43/713 (2006.01)  
 A01N 57/20 (2006.01)  
 A01P 13/00 (2006.01)  
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 (74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-A-2018264066  
 (21) 2018264066 (22) 15.11.2018  
 (54) Process tube and carrier tray  
 (51) Int. Cl.  
 B01L 3/00 (2006.01)  
 B01L 9/06 (2006.01)  
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 (74) FB Rice Pty Ltd

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 (51) Int. Cl.  
 A61K 31/225 (2006.01)  
 A61P 25/00 (2006.01)  
 (43) 06.12.2018  
 (62) 2017200394  
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 (51) Int. Cl.  
 A61B 17/32 (2006.01)  
 A61B 17/3213 (2006.01)  
 (31) 15/596,677 (32) 16.05.17 (33) US  
 (43) 06.12.2018  
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 (51) Int. Cl.  
**A61B 5/06** ( 2006.01 )  
**A61B 34/20** ( 2016.01 )  
**G06F 19/00** ( 2018.01 )  
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**A61B 18/14** ( 2006.01 )  
**A61F 7/00** ( 2006.01 )  
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**G02F 1/13** ( 2006.01 )  
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 (54) Antimicrobial surface treatment  
 (51) Int. Cl.  
**A61L 27/54** ( 2006.01 )  
**A01N 33/04** ( 2006.01 )  
**A01N 57/10** ( 2006.01 )  
**A61K 31/21** ( 2006.01 )

**A61L 27/28** ( 2006.01 )  
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 (62) 2015343805  
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 (74) Stephen Robert Parker

(71) Bucher Municipal Pty Ltd  
 (11) AU-A-2018264113  
 (21) 2018264113 (22) 16.11.2018  
 (54) Refuse collection vehicle and system therefor  
 (51) Int. Cl.  
**B65F 3/00** ( 2006.01 )  
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 (62) 2016216541  
 (72) Clarke, Bradley; Butcher, Edward; Cataldo, Steven  
 (74) FPA Patent Attorneys Pty Ltd

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**B62B 1/20** ( 2006.01 )  
**B62B 3/02** ( 2006.01 )  
**B62B 5/06** ( 2006.01 )  
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 (62) 2016225849  
 (72) Campbell, Glenn Craig; Scott, Wayne George  
 (74) James & Wells Intellectual Property

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 (54) Method, apparatus and system for encoding and decoding a sample adaptive offset data of encoded video data  
 (51) Int. Cl.  
**H04N 19/00** ( 2014.01 )  
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 (51) Int. Cl.  
**G03G 21/18** ( 2006.01 )  
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(71) Cantor Index LLC  
 (11) AU-A-2018261183

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 (54) SYSTEM AND METHOD FOR PROVIDING A BLACKJACK GAME HAVING ADDITIONAL OPTIONS FOR A PLAYER  
 (51) Int. Cl.  
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**A63F 9/24** ( 2006.01 )  
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 (54) METHODS AND SYSTEMS FOR MONITORING WORK ZONE IN WORKSITE  
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**E02F 9/24** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
 (31) US 15/596,394 (32) 16.05.17 (33) US  
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 (72) TAYLOR, Michael A.; EMPSON, Steven E.; WEI, Mo  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2018264152  
 (21) 2018264152 (22) 16.11.2018  
 (54) Making and using in vitro-synthesized ssRNA for introducing into mammalian cells to induce a biological or biochemical effect  
 (51) Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**A61K 31/7105** ( 2006.01 )  
**C12N 15/08** ( 2006.01 )  
**C12P 19/34** ( 2006.01 )  
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 (62) 2017251767  
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 (74) Davies Collison Cave Pty Ltd

(71) CEM Corporation  
 (11) AU-A-2018267555  
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 (54) RAPID ENERGIZED DISPERSIVE SOLID PHASE EXTRACTION (SPE) FOR ANALYTICAL ANALYSIS  
 (51) Int. Cl.  
**G01N 30/06** ( 2006.01 )  
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 (72) COLLINS Sr., Michael J.; LAMBERT, Joseph J.; BEARD, Matthew N.; ELLIOTT, Paul C.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Cerenis Therapeutics Holding SA  
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(51) Int. Cl.  
*C07F 9/10* ( 2006.01 )

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC

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(54) LARGE BLOCK TRADING

(51) Int. Cl.  
*G06Q 40/00* ( 2006.01 )

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(71) CFPH, LLC

(11) AU-A-2018263977  
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(51) Int. Cl.  
*G06Q 40/00* ( 2006.01 )

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(54) METHODS AND APPARATUS FOR ELECTRONIC FILE USE AND MANAGEMENT

(51) Int. Cl.  
*A61N 1/04* ( 2006.01 )  
*H04K 1/00* ( 2006.01 )

(43) 06.12.2018  
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(71) City of Hope

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(51) Int. Cl.

*C12N 15/00* ( 2006.01 )

*C07H 21/04* ( 2006.01 )

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(54) TRANSDERMAL FORMULATIONS

(51) Int. Cl.

*A61K 31/015* ( 2006.01 )

*A61K 31/365* ( 2006.01 )

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*A61P 33/10* ( 2006.01 )

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(74) Dentons New Zealand Limited

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(11) AU-A-2018267565

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(54) ANCHOR ASSEMBLY WITH TOGGLE FOR HOLLOW WALLS

(51) Int. Cl.

*F16B 13/10* ( 2006.01 )

(43) 06.12.2018

(62) 2016262744

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(74) Franke Hyland

(71) Commonwealth of Australia as represented by Department of Industry, Innovation, Climate Change, Science, Research and Tertiary Education

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(21) 2018264096 (22) 15.11.2018

(54) Positioning Device

(51) Int. Cl.

*G02B 6/04* ( 2006.01 )

*G02B 6/10* ( 2006.01 )

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(62) 2013206059

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(74) Griffith Hack

(71) Concave Global Pty Ltd

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(54) Footwear for playing football

(51) Int. Cl.

*A43B 5/02* ( 2006.01 )

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(62) 2014268130

(72) Neophitou, Andrew; Theoklitos, Andrew

(74) FPA Patent Attorneys Pty Ltd

(71) Corbion Biotech, Inc.

(11) AU-A-2018267601

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(51) Int. Cl.

*C12N 9/00* ( 2006.01 )

*C12N 5/00* ( 2006.01 )

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*C12P 7/64* ( 2006.01 )

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(62) 2014236763

(72) Rudenko, George N.; Casolari, Jason; Franklin, Scott

(74) Davies Collison Cave Pty Ltd

(71) Cortex Composites, LLC

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(54) Nonwoven cementitious composite for in-situ hydration

(51) Int. Cl.

*B32B 5/02* ( 2006.01 )

*B28B 7/46* ( 2006.01 )

*B28B 23/00* ( 2006.01 )

*E04C 5/07* ( 2006.01 )

*B32B 5/26* ( 2006.01 )

*B32B 27/12* ( 2006.01 )

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(74) Shelston IP Pty Ltd.

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(21) 2018202601 (22) 13.04.2018

(54) Hermetically sealed printed circuit boards

(51) Int. Cl.

*H05K 5/00* ( 2006.01 )

*H05K 1/00* ( 2006.01 )

*H05K 3/00* ( 2006.01 )

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15/947,314 06.04.18 US

(43) 06.12.2018

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(71) Covidien LP

(11) AU-A-2018203457

(21) 2018203457 (22) 16.05.2018

(54) Systems and methods for tracking and imaging a treatment probe having an integrated sensor

(51) Int. Cl.

*A61B 34/20* ( 2016.01 )

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(71) CureVac AG  
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 (51) Int. Cl.  
**C12N 15/67** ( 2006.01 )  
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 (62) 2013242404  
 (72) Thess, Andreas  
 (74) Allens Patent & Trade Mark Attorneys

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 (21) 2018264104

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 (11) AU-A-2018267547  
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 (54) Method and apparatus for replicating coffee flavor  
 (51) Int. Cl.  
**A47J 31/42** ( 2006.01 )  
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 (72) DAY, Neil M.  
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(71) Deere & Company  
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 (54) AUTOMATIC WIRELESS WAGON DETECTION APPARATUS AND METHOD  
 (51) Int. Cl.  
**A01D 41/127** ( 2006.01 )  
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**G06F 19/00** ( 2006.01 )  
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 (72) BALLANTYNE, Todd A.; YEE, Brian K.; WILT, Michael J.; ROSSE, Jonathan P.  
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(71) Dexcom, Inc.  
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**G06F 19/00** ( 2006.01 )  
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(71) Diversey, Inc.  
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 (54) Decontamination method and apparatus  
 (51) Int. Cl.  
**A61L 2/10** ( 2006.01 )  
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 (72) DAYTON, Roderick M.  
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 (54) PROCESS FOR EXTRACTING LIPIDS FOR USE IN PRODUCTION OF BIO-FUELS  
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**C11B 1/02** ( 2006.01 )  
**C11B 1/10** ( 2006.01 )  
**C11B 1/12** ( 2006.01 )  
**C12N 9/14** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) DYNEX EXTRUSIONS LIMITED  
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 (54) A CAVITY CLOSER  
 (51) Int. Cl.  
**E04B 1/72** ( 2006.01 )  
**E06B 1/00** ( 2006.01 )  
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 (74) Ellis Terry

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 (54) Selectively substituted quinoline compounds  
 (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/535** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
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 (54) POWER SYSTEM  
 (51) Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
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(71) EMBO Medical Limited  
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 (54) An embolisation device  
 (51) Int. Cl.  
**A61B 17/12** ( 2006.01 )  
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 (62) 2017228568  
 (72) Mullins, Liam; Forde, Colin; Allen, Wayne; Sheridan, William; Gilson, Paul  
 (74) Watermark Intellectual Property Pty Ltd

(71) ESCO Group LLC  
 (11) AU-A-2018264149  
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 (54) Wear assembly removal and installation  
 (51) Int. Cl.  
**E02F 3/96** ( 2006.01 )  
**E02F 3/36** ( 2006.01 )  
**E02F 9/28** ( 2006.01 )  
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 (54) ARTHROSCOPIC IMPLANTS WITH INTEGRAL FIXATION DEVICES AND METHOD FOR USE  
 (51) Int. Cl.  
**A61B 17/58** ( 2006.01 )  
**A61F 2/08** ( 2006.01 )

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 SURGICAL INSTRUMENT WITH  
 MANUAL RELEASE  
 (51) Int. Cl.  
 A61B 17/04 ( 2006.01 )  
 A61B 17/10 ( 2006.01 )

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 A61K 31/7115 ( 2006.01 )  
 A61K 38/46 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 A61P 25/14 ( 2006.01 )  
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 A61P 25/00 ( 2006.01 )  
 A61P 25/36 ( 2006.01 )  
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**A61P 11/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
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 A01C 1/06 ( 2006.01 )  
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 (74) Griffith Hack

Scott, W. see Campbell, G.  
 (21) 2018253569

(71) SDI Corporation  
 (11) AU-A-2018200204  
 (21) 2018200204 (22) 10.01.2018  
 (54) WRITING TOOL AND DISPENSING UNIT THEREOF  
 (51) Int. Cl.  
*B43K 8/02* ( 2006.01 )  
 (31) 106116658 (32) 19.05.17 (33) TW  
 (43) 06.12.2018  
 (72) Chen, Szu-Yu  
 (74) Maddens Patent & Trade Mark Attorneys

(71) Seqirus UK Limited  
 (11) AU-A-2018260983  
 (21) 2018260983 (22) 13.11.2018  
 (54) Influenza virus immunogenic compositions and uses thereof  
 (51) Int. Cl.  
*A61K 39/145* ( 2006.01 )  
*C12N 7/04* ( 2006.01 )  
*C12N 15/867* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2014204826  
 (72) Girardin, Bertholet; Carine, Sylvie; Geall, Andrew  
 (74) FB Rice Pty Ltd

(71) Server Technology, Inc  
 (11) AU-A-2018264106  
 (21) 2018264106 (22) 16.11.2018  
 (54) High Outlet Density Power Distribution Unit  
 (51) Int. Cl.  
*H01R 13/66* ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016250353  
 (72) Irons, Travis  
 (74) CreateIP

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**Singh, A.K. see Laxmiharayana, P.**  
**(21)** 2018267590

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**(71)** Smith & Nephew, Inc.  
**(11)** AU-A-2018263989  
**(21)** 2018263989 **(22)** 13.11.2018  
**(54)** Medical device  
**(51)** Int. Cl.  
**G06F 19/00** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2017201192  
**(72)** Zhang, Jin; Tanis, Kevin J.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Snap-on Incorporated  
**(11)** AU-A-2018201434  
**(21)** 2018201434 **(22)** 28.02.2018  
**(54)** Wireless torque wrench with torque specifications  
**(51)** Int. Cl.  
**G01L 5/24** ( 2006.01 )  
**B25B 21/00** ( 2006.01 )  
**B25B 23/147** ( 2006.01 )  
**(31)** 15/601,361 **(32)** 22.05.17 **(33)** US  
**(43)** 06.12.2018  
**(72)** LEE, Nathan J.; LAWTON, Christopher  
**(74)** Griffith Hack

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**(71)** Softbank Robotics Europe  
**(11)** AU-A-2018267604  
**(21)** 2018267604 **(22)** 21.11.2018  
**(54)** Standby mode of a humanoid robot  
**(51)** Int. Cl.  
**B25J 9/16** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B62D 57/032** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2015270429  
**(72)** DALIBARD, Sebastien; MAZEL, Alexandre; COLLETTE, Cyrille; MAISONNIER, Bruno; MONCEAUX, Jerome  
**(74)** Spruson & Ferguson

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**(71)** Solar Analytics Pty Ltd  
**(11)** AU-A-2018267586  
**(21)** 2018267586 **(22)** 20.11.2018  
**(54)** System and method for efficient credentialing  
**(51)** Int. Cl.  
**H04L 9/00** ( 2006.01 )  
**H04K 1/00** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2014292812  
**(72)** Mrakas, Chris  
**(74)** INNOFY PTY LTD

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**(71)** Solar Analytics Pty Ltd  
**(11)** AU-A-2018267588  
**(21)** 2018267588 **(22)** 20.11.2018  
**(54)** Resource supply management system and method  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2006.01 )  
**G01R 22/00** ( 2006.01 )

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**H02J 13/00** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2016204772  
**(72)** Mrakas, Chris  
**(74)** INNOFY PTY LTD

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**Song, B.H. see Wang, S.J.**  
**(21)** 2018203311

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**(71)** Southern Cross Trading 5 (Pty) Ltd  
**(11)** AU-A-2018200926  
**(21)** 2018200926 **(22)** 08.02.2018  
**(54)** A wear gauge  
**(51)** Int. Cl.

**G01B 7/00** ( 2006.01 )  
**(31)** 2017/03419 **(32)** 17.05.17 **(33)** ZA  
**(43)** 06.12.2018  
**(72)** Gasson, Gary Coenrad  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Starrotor Corporation  
**(11)** AU-A-2018264125  
**(21)** 2018264125 **(22)** 16.11.2018  
**(54)** Improved performance of gerotor compressors and expanders  
**(51)** Int. Cl.

**F04C 2/10** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2015218295  
**(72)** Micka, Daniel J.; Breedlove, Jeffrey J.; Holtzapple, Mark T.  
**(74)** Adams Pluck

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**(71)** Stryker Corporation  
**(11)** AU-A-2018264062  
**(21)** 2018264062 **(22)** 15.11.2018  
**(54)** Reconfigurable transport apparatus  
**(51)** Int. Cl.

**A61G 5/06** ( 2006.01 )  
**A61G 1/02** ( 2006.01 )  
**A61G 7/015** ( 2006.01 )  
**A61G 7/16** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2014236954  
**(72)** Lambarth, Clifford Edwin; Wroblewski, Jason James; Naber, Brandon David; Dacy, Alfred James; Puvogel, Thomas Alan; Lucas, Ross Timothy  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Sweet Goodbye Pty Ltd  
**(11)** AU-A-2018200724  
**(21)** 2018200724 **(22)** 31.01.2018  
**(54)** An article for receiving a body of an animal  
**(51)** Int. Cl.  
**A61G 17/06** ( 2006.01 )  
**A01K 29/00** ( 2006.01 )

**(31)** 10201704079Q **(32)** 18.05.17 **(33)** SG  
**(43)** 06.12.2018  
**(72)** VENOSI, Natalie  
**(74)** Spruson & Ferguson

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**(71)** Synedgen, Inc.  
**(11)** AU-A-2018264151

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**(21)** 2018264151 **(22)** 16.11.2018  
**(54)** Chitosan-Derivative Compounds and Methods of Controlling Microbial Populations  
**(51)** Int. Cl.  
**C03B 37/08** ( 2006.01 )  
**C08B 37/08** ( 2006.01 )

**(43)** 06.12.2018  
**(62)** 2017200843  
**(72)** Baker, Shenda; Wiesmann, William P.; Ryan, Shannon  
**(74)** Spruson & Ferguson

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**(71)** Syngenta Participations AG  
**(11)** AU-A-2018260982  
**(21)** 2018260982 **(22)** 13.11.2018  
**(54)** Stabilized agrochemical composition  
**(51)** Int. Cl.  
**C05C 9/00** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2016273837  
**(72)** Fowler, Jeffrey David; Kim, Sejong  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Tate Access Floors, Inc  
**(11)** AU-A-2018203244  
**(21)** 2018203244 **(22)** 10.05.2018  
**(54)** HOT AISLE MODULES AND CONTAINMENT SYSTEMS  
**(51)** Int. Cl.

**H05K 7/20** ( 2006.01 )  
**(31)** 15/596,571 **(32)** 16.05.17 **(33)** US  
**(43)** 06.12.2018  
**(72)** Curtin, Daniel J.; Kennedy, Daniel; Morrison, Rachel  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(11)** AU-A-2018264101  
**(21)** 2018264101 **(22)** 15.11.2018  
**(54)** Cluster-based beacon signal transmission  
**(51)** Int. Cl.

**H04W 48/10** ( 2009.01 )  
**(43)** 06.12.2018  
**(62)** 2014396695  
**(72)** LI, Gen; MIAO, Qingyu; GARCIA, Virgile  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** The Advanced Technology Group Pty Ltd  
**(11)** AU-A-2018264054  
**(21)** 2018264054 **(22)** 14.11.2018  
**(54)** DIGITAL TV RECORDING  
**(51)** Int. Cl.

**H04N 5/445** ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2016222322  
**(72)** KOSSATZ, Matt; DRYSDALE, Daniel  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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**(71)** THE CHEMOURS COMPANY FC, LLC  
**(11)** AU-A-2018267561  
**(21)** 2018267561 **(22)** 19.11.2018

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(54) AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE

(51) Int. Cl.  
**A62D 1/00** ( 2006.01 )  
**C07C 21/18** ( 2006.01 )  
**C08J 9/14** ( 2006.01 )  
**C09K 3/30** ( 2006.01 )  
**C09K 5/00** ( 2006.01 )  
**C09K 5/04** ( 2006.01 )

(43) 06.12.2018  
 (62) 2017201144  
 (72) ROBIN, Mark L.  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) The Curators of the University of Missouri

(11) AU-A-2018256670  
 (21) 2018256670 (22) 02.11.2018

(54) PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS RESISTANT ANIMALS

(51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )

(43) 06.12.2018  
 (62) 2017202540  
 (72) Prather, Randall S.; Whitworth, Kristin; Wells, Kevin  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Diller Corporation

(11) AU-A-2018263998  
 (21) 2018263998 (22) 13.11.2018

(54) Decorative Multi-Layer Surfacing Materials Having Embedded Conductive Materials, Solid Surfaces Made There-with, Methods For Making Such Surfacing Materials And Uses Therefor

(51) Int. Cl.  
**H05K 3/46** ( 2006.01 )

(43) 06.12.2018  
 (62) 2015329719  
 (72) O'Brien, Kevin Francis; Cole, Bryce Lamar; Kramer, Robert Jacob  
 (74) Spruson & Ferguson

(71) The Markov Corporation

(11) AU-A-2018267603  
 (21) 2018267603 (22) 21.11.2018

(54) Electronic oven with reflective energy steering

(51) Int. Cl.  
**H05B 6/74** ( 2006.01 )

(43) 06.12.2018  
 (62) 2017286520  
 (72) LEINDECKER, Nick C.  
 (74) Spruson & Ferguson

(71) THE UNIVERSITY OF BRITISH COLUMBIA

(11) AU-A-2018264120  
 (21) 2018264120 (22) 16.11.2018  
 (54) Small cationic anti-biofilm and IDR peptides

(51) Int. Cl.

**C07K 7/08** ( 2006.01 )  
**A61K 38/08** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )

(43) 06.12.2018  
 (62) 2014318167  
 (72) HANCOCK, Robert E.W.; NUNEZ, Cesar de la Fuente; KINDRACHUK, Jason; JENSSSEN, Havarid; OVERHAGE, Joerg; HANEY, Evan  
 (74) Griffith Hack

(71) Toyota Jidosha Kabushiki Kaisha

(11) AU-A-2018203407  
 (21) 2018203407 (22) 15.05.2018

(54) Micro coil

(51) Int. Cl.  
**H05K 9/00** ( 2006.01 )  
**C04B 35/46** ( 2006.01 )  
**C04B 35/56** ( 2006.01 )  
**C04B 35/584** ( 2006.01 )  
**H01B 7/00** ( 2006.01 )

(31) 2017-096938 (32) 16.05.17 (33) JP  
 (43) 06.12.2018  
 (72) OTSUKI, Hiroshi; IKEDA, Shinji; INAMI, Norio  
 (74) Spruson & Ferguson

(71) Toyota Jidosha Kabushiki Kaisha

(11) AU-A-2018203507  
 (21) 2018203507 (22) 17.05.2018

(54) Control device for vehicle

(51) Int. Cl.  
**F16H 59/68** ( 2006.01 )  
**F16H 59/02** ( 2006.01 )  
**F16H 61/02** ( 2006.01 )  
**F16H 61/04** ( 2006.01 )

(31) 2017-100348 (32) 19.05.17 (33) JP  
 (43) 06.12.2018  
 (72) MICHIKOSHI, Yosuke; IKEMURA, Masashi  
 (74) Spruson & Ferguson

(71) Troy Corporation

(11) AU-A-2017203313  
 (21) 2017203313 (22) 17.05.2017

(54) Octylisothiazolinone dispersions

(51) Int. Cl.  
**A01N 43/80** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )

(43) 06.12.2018  
 (72) WEBB, Geoffrey Vern  
 (74) Griffith Hack

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED

(11) AU-A-2018203553  
 (21) 2018203553 (22) 21.05.2018

(54) Power sweeper

(51) Int. Cl.  
**E01H 1/05** ( 2006.01 )  
**A01G 20/43** ( 2018.01 )  
**E01H 1/08** ( 2006.01 )

(31) 62/509,274 (32) 22.05.17 (33) US  
 (43) 06.12.2018  
 (72) NOLIN, Eric; GILLESPIE, Todd A.  
 (74) Griffith Hack

(71) Twinkle Share Co., Ltd.

(11) AU-A-2017254829  
 (21) 2017254829 (22) 31.10.2017

(54) ROTARY SWITCH STRUCTURE CAPABLE OF AUTOMATIC POSITION RESTORATION

(51) Int. Cl.  
**H01H 13/62** ( 2006.01 )

(31) 106207045 (32) 17.05.17 (33) TW  
 (43) 06.12.2018  
 (72) Chen, Kuei-Liang  
 (74) Phillips Ormonde Fitzpatrick

**UAB Research Foundation see Help Lightning, Inc.**

(21) 2018264095

(71) University of Massachusetts

(11) AU-A-2018264109  
 (21) 2018264109 (22) 16.11.2018

(54) NEGATIVE PRESSURE WOUND CLOSURE DEVICE

(51) Int. Cl.  
**A61B 17/03** ( 2006.01 )

(43) 06.12.2018  
 (62) 2017201848  
 (72) Dunn, Raymond M.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Vactronix Scientific, Inc.

(11) AU-A-2018264124  
 (21) 2018264124 (22) 16.11.2018

(54) MONOLITHIC MEDICAL DEVICE, METHODS OF MAKING AND USING THE SAME

(51) Int. Cl.  
**A61F 2/91** ( 2013.01 )  
**A61L 27/04** ( 2006.01 )

(43) 06.12.2018  
 (62) 2014236249  
 (72) POOR, Michael; GARZA, Armando; CARPENTER, Scott; PALMAZ, Julio C.  
 (74) Spruson & Ferguson

(71) Vaculift, Inc (dba Vacuworx International)

(11) AU-A-2018263995  
 (21) 2018263995 (22) 13.11.2018

(54) Improved compact vacuum material handler

(51) Int. Cl.  
**B66C 1/02** ( 2006.01 )  
**B66F 9/18** ( 2006.01 )

**F01P 1/06** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016210789  
 (72) Solomon, William J.; Hocutt, Darrell  
 (74) MINTER ELLISON

(71) Vapogenix, Inc.

(11) AU-A-2018264078  
 (21) 2018264078 (22) 15.11.2018

(54) NOVEL ANALGESIC COMPOSITIONS

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(51) Int. Cl.  
**A61K 31/08** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2014227996  
 (72) Spakevicius, Danguole; Giles, Heather; Farmer, Terry  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Vermeer Manufacturing Company  
 (11) AU-A-2018264097  
 (21) 2018264097 (22) 15.11.2018  
 (54) Dust suppression arrangement for heavy excavation equipment  
 (51) Int. Cl.  
**E02F 3/80** ( 2006.01 )  
**A01B 33/08** ( 2006.01 )  
**E02F 3/78** ( 2006.01 )  
**E02F 9/00** ( 2006.01 )  
**E02F 9/28** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016203738  
 (72) Gift, David William; Schmidt, James Thaddeus; Cooper, Mark  
 (74) FPA Patent Attorneys Pty Ltd

(71) Victaulic Company  
 (11) AU-A-2018264002  
 (21) 2018264002 (22) 13.11.2018  
 (54) Valve and coupling  
 (51) Int. Cl.  
**F16K 1/22** ( 2006.01 )  
**F16K 1/226** ( 2006.01 )  
**F16K 11/052** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2016322808  
 (72) WORTMANN, Steven A.; DOLE, Douglas R.  
 (74) Spruson & Ferguson

(71) Vifor Pharma Technology Ltd.  
 (11) AU-A-2018260862  
 (21) 2018260862 (22) 07.11.2018  
 (54) Potassium-binding agents for treating hypertension and hyperkalemia  
 (51) Int. Cl.  
**A61K 31/78** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2013329451  
 (72) Klaerner, Gerrit; Berman, Lance  
 (74) Davies Collison Cave Pty Ltd

(71) Visy R & D Pty Ltd  
 (11) AU-A-2018267574  
 (21) 2018267574 (22) 20.11.2018  
 (54) Produce box  
 (51) Int. Cl.  
**B65D 5/42** ( 2006.01 )  
**B65D 5/20** ( 2006.01 )  
**B65D 81/18** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017272301  
 (72) Bankowski, Piotr  
 (74) Davies Collison Cave Pty Ltd

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2018264008  
 (21) 2018264008 (22) 13.11.2018  
 (54) Controlled porosity devices for tissue treatments, methods of use, and methods of manufacture  
 (51) Int. Cl.  
**A61M 25/10** ( 2006.01 )  
**A61L 29/12** ( 2006.01 )  
**A61L 29/14** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017200977  
 (72) BACINO, John E.; CAMPBELL, Carey V.; CULLY, Edward H.; TRAPP, Benjamin M.; VONESH, Michael J.  
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2018264049  
 (21) 2018264049 (22) 14.11.2018  
 (54) Elastomeric leaflet for prosthetic heart valves  
 (51) Int. Cl.  
**A61L 27/16** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017200929  
 (72) BRUCHMAN, William C.; WHITE, Charles F.  
 (74) Griffith Hack

Wang, Y.B. see Wang, S.J.  
 (21) 2018203311

(71) Wang, S.J.; Wang, Y.B.; Song, B.H.  
 (11) AU-A-2018203311  
 (21) 2018203311 (22) 11.05.2018  
 (54) AIRTIGHT CONTAINER  
 (51) Int. Cl.  
**B65D 45/02** ( 2006.01 )  
 (31) 10-2017-0060802 (32) 17.05.17 (33) KR  
 (43) 06.12.2018  
 (72) Wang, Soo Jung; Wang, Young Bin; Song, Bang Hyang  
 (74) Murray Trento & Associates Pty Ltd

(71) Warsaw Orthopedic, Inc.  
 (11) AU-A-2018203248  
 (21) 2018203248 (22) 10.05.2018  
 (54) Oxysterol-statin compounds for bone growth  
 (51) Int. Cl.  
**C07J 9/00** ( 2006.01 )  
**A61K 31/575** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**C07J 75/00** ( 2006.01 )  
 (31) 15/599,577 (32) 19.05.17 (33) US  
 (43) 06.12.2018  
 (72) PECKHAM, Steven M.; HARRINGTON, Roger E.; JACOBS, Jebrena C.  
 (74) FB Rice Pty Ltd

(71) Weatherford Technology Holdings, LLC  
 (11) AU-A-2018264145  
 (21) 2018264145 (22) 16.11.2018  
 (54) Tubular handling tool

(51) Int. Cl.  
**E21B 19/10** ( 2006.01 )  
**E21B 19/02** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2017200036  
 (72) STANKOVIC, Igor  
 (74) Spruson & Ferguson

(71) Weatherford Technology Holdings, LLC  
 (11) AU-A-2018267575  
 (21) 2018267575 (22) 20.11.2018  
 (54) Integrated drilling control system and associated method  
 (51) Int. Cl.  
**E21B 21/08** ( 2006.01 )  
 (43) 06.12.2018  
 (62) 2015327849  
 (72) POBEDINSKI, Llia; ROY, Sanjit; GUMUS, Ferhat; KINIK, Koray; COOK, Lain; RING, Lev; FEASEY, Guy  
 (74) Spruson & Ferguson

(71) Weber-Stephen Products LLC  
 (11) AU-A-2018203349  
 (21) 2018203349 (22) 14.05.2018  
 (54) Thermally efficient cooking grate  
 (51) Int. Cl.  
**A47J 37/07** ( 2006.01 )  
 (31) 15/599,996 (32) 19.05.17 (33) US  
 (43) 06.12.2018  
 (72) JOYCE, Patrick  
 (74) Spruson & Ferguson

(71) Weber-Stephen Products LLC  
 (11) AU-A-2018203352  
 (21) 2018203352 (22) 14.05.2018  
 (54) Removable electric grill controller with mount  
 (51) Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**A47J 37/06** ( 2006.01 )  
 (31) 15/600,310 (32) 19.05.17 (33) US  
 (43) 06.12.2018  
 (72) SCHMESKI, Kevin James,  
 (74) Spruson & Ferguson

WIN, S. see CLEVERLY, D.R.  
 (21) 2018264104

(71) Woodside Energy Technologies Pty Ltd  
 (11) AU-A-2018203513  
 (21) 2018203513 (22) 17.05.2018  
 (54) A BARGE FOR AND METHOD OF WATER COOLING AN LNG PRODUCTION PLANT  
 (51) Int. Cl.  
**B63B 25/08** ( 2006.01 )  
**B63B 35/44** ( 2006.01 )  
**F25J 1/00** ( 2006.01 )  
 (31) 2017901888 (32) 18.05.17 (33) AU  
 (43) 06.12.2018  
 (72) Faka, Solomon Aladja; Byfield, Geoffrey Brian  
 (74) Griffith Hack

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**WU, Z. see CLEVERLY, D.R.**  
**(21)** 2018264104

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**(71)** XSLENT Energy Technologies, LLC  
**(11)** AU-A-2018264131  
**(21)** 2018264131 **(22)** 16.11.2018  
**(54)** Grid network gateway aggregation  
**(51)** Int. Cl.  
*H02J 3/38* ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2015283879  
**(72)** MATAN, Stefan; HORTON, Fred; MAR-  
 RONE, Frank; BORZINI, Clayton  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Xyleco, Inc.  
**(11)** AU-A-2018264000  
**(21)** 2018264000 **(22)** 13.11.2018  
**(54)** Processing Biomass  
**(51)** Int. Cl.  
*C12P 19/14* ( 2006.01 )  
*C12P 19/02* ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2017203810  
**(72)** Medoff, Marshall; Masterman, Thomas;  
 Lavigne, Randy; Huang, Jamie K;  
 Creasy, Kaitlyn  
**(74)** WRAYS PTY LTD

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**(71)** Yang, T.  
**(11)** AU-A-2018264001  
**(21)** 2018264001 **(22)** 13.11.2018  
**(54)** Heat-dissipating structure having em-  
 bedded support tube to form internally  
 recycling heat transfer fluid and applica-  
 tion apparatus  
**(51)** Int. Cl.  
*F03G 4/00* ( 2006.01 )  
*F28D 1/047* ( 2006.01 )  
*F28D 1/053* ( 2006.01 )  
*F28F 1/14* ( 2006.01 )  
**(43)** 06.12.2018  
**(62)** 2014203481  
**(72)** Yang, Tai-Her  
**(74)** Davies Collison Cave Pty Ltd

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2017203260	Macsim Fastenings Pty Limited	2018260982	Syngenta Participations AG
2017203300	Medical Symbiosis Pty Ltd	2018260983	Seqirus UK Limited
2017203313	Troy Corporation	2018261183	Cantor Index LLC
2017203330	Hanbali, O.A.R.R.A.	2018261864	CFPH, LLC
2017203397	Sallantioglu, M.	2018263404	Accenture Global Solutions Limited
2017203433	Neuroanalytics Pty Ltd	2018263977	CFPH, LLC
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2017254829	Twinkle Share Co., Ltd.	2018263989	Smith & Nephew, Inc.
2017398661	MiaSole Photovoltaic Technology Co., Ltd.	2018263993	City of Hope
2017404569	BOE Technology Group Co., Ltd.	2018263994	Medos International Sarl
2018200204	SDI Corporation	2018263995	VacuLift, Inc (dba Vacuworx International)
2018200724	Sweet Goodbye Pty Ltd	2018263996	Manojlovic, A.
2018200926	Southern Cross Trading 5 (Pty) Ltd	2018263997	Accenture Global Solutions Limited
2018201145	Groz-Beckert KG	2018263998	The Diller Corporation
2018201434	Snap-on Incorporated	2018264000	Xyleco, Inc.
2018201617	Fujitsu General Limited	2018264001	Yang, T.
2018201884	Deere & Company	2018264002	Victaulic Company
2018202601	Covidien LP	2018264005	LifeCell Corporation
2018202878	Oncology Venture ApS	2018264006	Panasonic Intellectual Property Management Co., Ltd.
2018202958	OPACMARE S.r.l.	2018264007	Ethicon, Inc.
2018203023	Apple Inc.	2018264008	W. L. Gore & Associates, Inc.
2018203048	Aroma System S.r.l.	2018264011	Canon Kabushiki Kaisha
2018203114	Caterpillar Inc.	2018264013	Alexza Pharmaceuticals, Inc.
2018203166	3M Innovative Properties Company	2018264014	Aristocrat Technologies Australia Pty Limited
2018203236	John Guest International Limited	2018264015	Apple Inc.
2018203244	Tate Access Floors, Inc	2018264019	Garmond Pty Ltd
2018203248	Warsaw Orthopedic, Inc.	2018264024	Matthews Resources, Inc.
2018203250	Heraeus Medical GmbH	2018264026	Arbutus Biopharma Corporation
2018203251	ALSTOM Transport Technologies	2018264030	S1 Biopharma, Inc.
2018203270	Fiskars Finland Oy Ab	2018264032	Aristocrat Technologies Australia Pty Limited
2018203276	Fiskars Finland Oy Ab	2018264033	Allegro Pharmaceuticals, Inc.
2018203311	Wang, S.J.; Wang, Y.B.; Song, B.H.	2018264034	Netflix, Inc.
2018203349	Weber-Stephen Products LLC	2018264036	Eisai R&D Management Co., Ltd.
2018203352	Weber-Stephen Products LLC	2018264038	AFINITI EUROPE TECHNOLOGIES LIMITED
2018203385	Biosense Webster (Israel) Ltd.	2018264039	3M Innovative Properties Company
2018203388	Biosense Webster (Israel) Ltd.	2018264040	HYDRO-QUEBEC
2018203397	Joh. Friedrich Behrens AG	2018264041	HOYA Lens Thailand Ltd.
2018203407	Toyota Jidosha Kabushiki Kaisha	2018264045	Leica Mikrosysteme GMBH; European Molecular Biology Laboratory
2018203410	Joh. Friedrich Behrens AG	2018264048	HUBBELL INCORPORATED
2018203430	FCI Holdings Delaware, Inc.	2018264049	W. L. Gore & Associates, Inc.
2018203431	Industrial Adhesives Australasia Pty Ltd	2018264053	INCYTE HOLDINGS CORPORATION
2018203432	LEE, S.; LI, C.	2018264054	The Advanced Technology Group Pty Ltd
2018203445	DYNEX EXTRUSIONS LIMITED	2018264055	LANDA LABS (2012) LTD
2018203457	Covidien LP	2018264056	FRANKLIN, L.C.
2018203458	Otis Elevator Company	2018264062	Stryker Corporation
2018203466	Angel Playing Cards Co., Ltd.	2018264063	Biosense Webster (Israel) Ltd.
2018203468	Samsonite IP Holdings S.à r.l.	2018264066	Becton, Dickinson and Company
2018203476	H2V Pty Ltd	2018264073	Aristocrat Technologies Australia Pty Limited
2018203479	HOWMEDICA OSTEONICS CORP.	2018264074	Dexcom, Inc.
2018203501	Forever Cheer International Limited	2018264076	MOHAJER, H.
2018203507	Toyota Jidosha Kabushiki Kaisha	2018264078	Vapogenix, Inc.
2018203513	Woodside Energy Technologies Pty Ltd	2018264080	Magic Leap, Inc.
2018203553	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2018264081	CureVac AG
2018203987	Pro-Team Buns, LLC	2018264083	Canon Kabushiki Kaisha
2018206763	Aus Chairs Pty Ltd	2018264084	Obschestvo S Ogranichennoi Otvetstvennostiyu "Phar- menterprises"
2018220034	Apple Inc.	2018264085	Concave Global Pty Ltd
2018241088	AME Pty Ltd	2018264088	Myokardia, Inc.
2018253569	Campbell, G.; Scott, W.	2018264093	Acorda Therapeutics, Inc.
2018253573	Biosense Webster (Israel) Ltd.	2018264095	Help Lightning, Inc.; UAB Research Foundation
2018253628	Nexgen Plants Pty Ltd	2018264096	Commonwealth of Australia as represented by Depart- ment of Industry, Innovation, Climate Change, Science, Research and Tertiary Education
2018256581	Medos International Sarl	2018264097	Vermeer Manufacturing Company
2018256670	The Curators of the University of Missouri	2018264100	Multi-Chem Group, LLC
2018260837	Rauland-Borg Corporation	2018264101	Amgen Inc.
2018260862	Vifor Pharma Technology Ltd.		Telefonaktiebolaget LM Ericsson (publ)
2018260928	ModernaTX, Inc.		
2018260937	Biogen MA Inc.		
2018260948	Apple Inc.		
2018260962	BOVIN, N.V.; HENRY, S.M.; RODIONOV, I.L.		

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2018264102	CFPH, LLC	2018267603	The Markov Corporation
2018264104	CLEVERLY, D.R.; FALCONER, J.R.; WU, Z.; GILL, D.A.; DAVIES, K.; WIN, S.; BATT, L.R.	2018267604	Softbank Robotics Europe
2018264106	Server Technology, Inc	2018267605	HiODZ Limited
2018264107	LYKERA BIOMED SA	2018267606	Diversey, Inc.
2018264109	University of Massachusetts	2018267607	ETHICON ENDO-SURGERY, INC.
2018264110	Anthrogenesis Corporation	2018267616	Adaptive Spectrum and Signal Alignment, Inc.
2018264111	Hayes, T.	2018267619	Memorial Sloan-Kettering Cancer Center
2018264112	Invisible Sentinel, Inc.		
2018264113	Bucher Municipal Pty Ltd		
2018264114	Accenture Global Solutions Limited		
2018264115	Factor Bioscience Inc.		
2018264116	Anacor Pharmaceuticals, Inc.		
2018264119	Implantica Patent Ltd		
2018264120	THE UNIVERSITY OF BRITISH COLUMBIA		
2018264122	EMBO Medical Limited		
2018264123	Myriota Pty Ltd		
2018264124	Vactronix Scientific, Inc.		
2018264125	Starrotor Corporation		
2018264128	Neo-Innova Healthcare Limited		
2018264129	Lendlease Manufactured Products Pty Limited		
2018264130	MasterCard International Incorporated		
2018264131	XSLENT Energy Technologies, LLC		
2018264135	AUCKLAND UNISERVICES LIMITED		
2018264139	MasterCard International Incorporated		
2018264141	Axon Enterprise, Inc.		
2018264145	Weatherford Technology Holdings, LLC		
2018264147	Inventio AG		
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2018264151	Synedgen, Inc.		
2018264152	Cellsript, LLC		
2018264153	Aristocrat Technologies Australia Pty Limited		
2018264154	Form Jig Pty Ltd		
2018264157	NuSirt Sciences, Inc.		
2018264551	Northern Tool & Equipment Company, Inc.		
2018267535	Monsanto Technology, LLC		
2018267536	Performance Indicator, LLC		
2018267537	Accenture Global Solutions Limited		
2018267538	Cortex Composites, LLC		
2018267546	Amplitude SAS		
2018267547	Day, N.M.		
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2018267557	NTT DOCOMO, INC.		
2018267558	Hazer Group Ltd		
2018267559	Pain Therapeutics, Inc.		
2018267561	THE CHEMOURS COMPANY FC, LLC		
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2018267569	Aurigene Discovery Technologies Limited		
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2018267573	Gilead Sciences, Inc.		
2018267574	Visy R & D Pty Ltd		
2018267575	Weatherford Technology Holdings, LLC		
2018267577	DSM IP Assets B.V.		
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2018267582	DEKA Products Limited Partnership		
2018267585	AGCO Corporation		
2018267586	Solar Analytics Pty Ltd		
2018267587	Johnson & Johnson Vision Care, Inc.		
2018267588	Solar Analytics Pty Ltd		
2018267589	INCYTE HOLDINGS CORPORATION		
2018267590	Laxmiharayana, P.; Singh, A.K.		
2018267591	Laxmiharayana, P.		
2018267592	McCOUBREY, N.		
2018267594	Memorial Sloan-Kettering Cancer Center		
2018267595	McCloskey, J.		
2018267596	Monsanto Technology LLC		
2018267598	Cerenis Therapeutics Holding SA		
2018267600	Monsanto Technology LLC		
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2018267602	EMBERTEC PTY LTD		



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<b>A01F 15 /-</b> 2018267585	<b>A47G 1 /-</b> 2018264019	<b>A61M 15 /-</b> 2018264013	<b>A61L 31 /-</b> 2018260962	<b>A61P 9 /-</b> 2018264088 2018264093	<b>B29C 64 /-</b> 2018203479
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<u>H01L 31 /-</u> 2017398661	
<u>H01R 13 /-</u> 2018264106	
<u>H02J 13 /-</u> 2018267588	
<u>H02J 3 /-</u> 2018264131	
<u>H04B 1 /-</u> 2018264123	
<u>H04K 1 /-</u> 2018264102 2018267586	
<u>H04L 12 /-</u> 2018267616	
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<u>H04M 3 /-</u> 2018264038	
<u>H04N 19 /-</u> 2018264011 2018267557	
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<u>H04W 48 /-</u> 2018264101	

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**Name Index**

. (\*) Title not in Roman characters

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

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 CONDITIONER CONDENSER  
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     **F16M 7/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (72) ILIN, Dmitrii  
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 (54) Deployable and Retractable Side Gate  
 Support Apparatus, System, and Meth-  
 od  
 (51) Int. Cl.  
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 (54) A unified control system for hybrid sur-  
 veillance network
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     **H04N 7/18** ( 2006.01 )  
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 (74) Patentec Patent Attorneys
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 (54) Advanced surveillance network CCTV  
 camera video feed grouping and con-  
 trolling  
 (51) Int. Cl.  
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     **G08B 13/193** ( 2006.01 )  
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 Zhijie; Yin, Gang; Ye, Zi  
 (74) Patentec Patent Attorneys
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 (54) Real Time Milk Testing Unit  
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     **G01N 21/17** ( 2006.01 )  
     **G01N 21/85** ( 2006.01 )  
     **G01N 21/94** ( 2006.01 )  
     **G01N 21/95** ( 2006.01 )  
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 (54) Monitoring energy usage of a surface  
 maritime vessel  
 (51) Int. Cl.  
     **B63B 9/00** ( 2006.01 )  
     **B63J 99/00** ( 2009.01 )  
     **G01C 21/20** ( 2006.01 )  
     **G05D 1/00** ( 2006.01 )  
     **G06Q 50/10** ( 2012.01 )  
     **G07C 5/08** ( 2006.01 )  
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 (72) Skidmore, Adrian Gary  
 (74) Shelston IP Pty Ltd.
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- (71) BANALIB PTY LTD; Watkins, A.  
 (11) AU-A-2018101620  
 (21) 2018101620 (22) 27.10.2018
- (54) An online application to be accessed  
 by residential tenants to book to have  
 their ingoing property inspection report  
 checked by a third party on behalf of  
 the tenants.. It will enable the tenants  
 to log in and book online to make the  
 appointment for the ingoing property re-  
 port to be checked for errors and items  
 missed by the landlord or landlords  
 agent. A physical inspection check will  
 be done on the condition of the prop-  
 erty including photographs which will  
 be stored on behalf of the tenants for  
 the tenants retrieval at vacating for their  
 bond claim.  
 (51) Int. Cl.  
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     **G06Q 50/16** ( 2012.01 )  
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 (74) BANALIB PTY LTD
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 (11) AU-A-2018101615  
 (21) 2018101615 (22) 26.10.2018  
 (54) Duress Security Phone / Watch / MDT  
 Device App. When Duress is activated  
 it will live / record video, use GPS cur-  
 rent location and send all information  
 to a A1 accredited center that is able  
 to request police to the location of per-  
 son in need. Duress can also send live  
 video and location to police devices or  
 mobile phones.  
 (51) Int. Cl.  
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     **G08B 3/00** ( 2006.01 )  
     **G08B 21/02** ( 2006.01 )  
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 GINEERING LIMITED  
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 (54) BRIDGE PLANK APPLICABLE TO  
 CONSTRUCTION SITES  
 (51) Int. Cl.  
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 (72) CHONG, Kwok Lai  
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**A47C 31/00** ( 2006.01 )  
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 (72) Cardenas, Nora Cristina  
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(71) Daley, A.  
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 (54) A Container with Interlock  
 (51) Int. Cl.  
**B65D 21/02** ( 2006.01 )  
**A01K 97/06** ( 2006.01 )  
**B25H 3/02** ( 2006.01 )  
**B25H 3/06** ( 2006.01 )  
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 (72) Daley, Andrew William  
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 (54) Artificial Intelligence Rewards Program  
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**G06Q 30/02** ( 2012.01 )  
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 (72) Speciale, Richard; Da Silva, Mike; Langtry, Robert  
 (74) Digital MCF Pty Ltd

(71) Doggone Limited  
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 (54) Identification Device, Method and System  
 (51) Int. Cl.  
**H04W 4/00** ( 2018.01 )  
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 (54) Improvements in or in relation to suspended ceilings  
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 (72) Druery, Roy; Zipf, Craig  
 (74) Intellepro

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 (54) AI-Supported IoT Sensor Calibration System Based on Historical Sensor Data and Application Specific Behaviour.  
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 (54) Artistic Cast Fence  
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 (54) Improved Joint Between Two Plastics Pipes and a Method for Making Such a Joint  
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**F16L 37/092** ( 2006.01 )  
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 (54) Wine grape marc reprocessing to make wine grape spirit without sucrose addition.  
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 (54) An Adjustable Fastening Device And Method Of Using Same  
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 (21) 2018101646

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 (54) A single product, designed as a three sided driving plate that incorporates the Learner driving plate (L Plate), Probationary period 1 driving plate (P1 Plate), and Probationary period 2 driving plate (P2 Plate). The three sided driving plate is attachable to the vehicle's windshield and rear window using suction cups.  
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**A01K 39/04** ( 2006.01 )  
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(54) VISUAL REPRESENTATION OF DOCUMENT PROGRESS  
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(74) Madderns Patent & Trade Mark Attorneys

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(74) Baxter Patent Attorneys Pty Ltd

(71) RBON Holdings Pty Ltd  
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(54) BUILDING STRUCTURE USING SHIPPING CONTAINERS AND MODULAR COMPONENTS  
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E04B 1/348 ( 2006.01 )  
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(74) PIPERS

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(71) Rocheway Pty Ltd  
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(51) Int. Cl.  
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B60G 21/02 ( 2006.01 )  
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B62D 33/08 ( 2006.01 )  
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(72) WANG, Litao  
(74) A.P.T. Patent and Trade Mark Attorneys

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(11) AU-A-2018101635

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 (74) Pritam Gajkumar Shah

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 (21) 2018101646 (22) 03.11.2018  
 (54) An apparatus and method to prevent man in the middle attack in elliptical curve Diffie Hellman protocol for key pair establishment in embedded IoT devices and communication  
 (51) Int. Cl.  
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 (72) Shah, Pritam Gajkumar; Huang, Xu; Sharma, Dharmendra  
 (74) Pritam Gajkumar Shah

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 (11) AU-A-2018101647  
 (21) 2018101647 (22) 03.11.2018  
 (54) An apparatus and method based on dynamic window scalar multiplication in elliptical curve cryptography for securing communication between cloud and cloud user  
 (51) Int. Cl.  
**H04L 9/30** ( 2006.01 )  
**G06F 21/30** ( 2013.01 )  
**H04L 9/28** ( 2006.01 )  
 (45) 06.12.2018  
 (72) Shah, Pritam Gajkumar  
 (74) Pritam Gajkumar Shah

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 (54) POWER SUPPLY  
 (51) Int. Cl.  
**H02J 7/04** ( 2006.01 )  
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 (72) Zhao, Dean; Chen, Deping  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Shanghai Ocean University  
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 (54) An environmental monitoring system with unmanned boats as carrier and use thereof  
 (51) Int. Cl.  
**B63B 35/00** ( 2006.01 )

**G01N 33/18** ( 2006.01 )  
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 (72) Xing, Bowen  
 (74) Davies Collison Cave Pty Ltd

(71) Shanghai Sunson Activated Carbon Technology Co., Ltd  
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 (54) A method of regenerating activated carbon  
 (51) Int. Cl.  
**B01J 20/20** ( 2006.01 )  
**B01J 20/34** ( 2006.01 )  
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 (72) Zheng, Xunhui  
 (74) Shelston IP Pty Ltd.

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 (21) 2018101657 (22) 05.11.2018  
 (54) A process of regenerating activated carbon  
 (51) Int. Cl.  
**B01J 20/20** ( 2006.01 )  
**B01J 20/34** ( 2006.01 )  
 (45) 06.12.2018  
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 (74) Shelston IP Pty Ltd.

(71) Snow, D.  
 (11) AU-A-2018101654  
 (21) 2018101654 (22) 05.11.2018  
 (54) STRETCH FABRIC PET WASTE BAG HOLDER WITH ENVELOPE CLOSURE  
 (51) Int. Cl.  
**A01K 23/00** ( 2006.01 )  
**B65F 5/00** ( 2006.01 )  
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 (21) 2018101605

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 (21) 2018101636 (22) 31.10.2018  
 (54) FOOT SPA  
 (51) Int. Cl.  
**A61H 33/00** ( 2006.01 )  
**A47K 3/062** ( 2006.01 )  
**A61N 1/44** ( 2006.01 )  
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 (54) CHILD CARRYING GARMENT  
 (51) Int. Cl.  
**A41D 1/21** ( 2018.01 )  
**A41D 1/22** ( 2018.01 )  
**A45F 3/02** ( 2006.01 )  
**A45F 4/02** ( 2006.01 )  
 (31) 2017904422 (32) 31.10.17 (33) AU  
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 (21) 2018101638 (22) 31.10.2018  
 (54) INTERNAL COMBUSTION ENGINE WITH PAIRED, PARALLEL, OFFSET PISTONS  
 (51) Int. Cl.  
**F02B 75/18** ( 2006.01 )  
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**F02B 41/06** ( 2006.01 )  
 (31) 15/821,138 (32) 22.11.17 (33) US  
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 (72) COCANOUGH, Allen;  
 COCANOUGH Sr., Robert Allen;  
 COCANOUGH Jr., Robert Allen  
 (74) Baxter Patent Attorneys Pty Ltd

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 (21) 2018101605 (22) 25.10.2018  
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2018101474	Digital MCF Pty Ltd; Mike Da Silva and Associates (AUST) Pty Ltd; Robert Langtry Strategic Advisor Pty Ltd
2018101552	AUSSIE FOOD TO YOU PTY LTD
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2018101642	GOLD MURRAY GROUP PTY LTD
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2018101649	Hinson, B.
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2018101658	Air Diffusion Agencies Pty Ltd
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<p>(71) 560 Holdings, LLC (11) AU-A-2017268107 (21) 2017268107 (22) 09.05.2017 (54) Modular pallet racking system (51) Int. Cl. A47B 53/02 ( 2006.01 ) A47B 53/00 ( 2006.01 ) A47B 96/00 ( 2006.01 ) A47F 5/00 ( 2006.01 ) B65G 1/10 ( 2006.01 ) (87) WO2017/200795 (31) 62/339,430 (32) 20.05.16 (33) US 62/451,158 27.01.17 US (43) 23.11.2017 (72) Stauffer, Austin J.; Stauffer, Ryan B.; Schweitzer, Dolen; Stauffer, Barry (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) AbbVie Inc.; AbbVie Deutschland GmbH &amp; Co. KG (11) AU-A-2017273522 (21) 2017273522 (22) 31.05.2017 (54) Anti-repulsive guidance molecule a (RGMa) antagonistic antibodies for treating spinal cord injury and pain (51) Int. Cl. C07K 16/28 ( 2006.01 ) A61K 39/395 ( 2006.01 ) A61K 39/00 ( 2006.01 ) A61P 25/00 ( 2006.01 ) A61P 25/28 ( 2006.01 ) A61P 37/00 ( 2006.01 ) (87) WO2017/210278 (31) 62/344,233 (32) 01.06.16 (33) US (43) 07.12.2017 (72) Mueller, Bernhard Klaus; Jacobson, Peer B. (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) AbbVie Stemcentrx LLC (11) AU-A-2017267789 (21) 2017267789 (22) 19.05.2017 (54) Anti-DLL3 drug conjugates for treating tumors at risk of neuroendocrine trans- ition (51) Int. Cl. A61K 31/407 ( 2006.01 ) A61K 31/551 ( 2006.01 ) A61K 31/5517 ( 2006.01 ) (87) WO2017/201442 (31) 62/339,776 (32) 20.05.16 (33) US 62/505,539 12.05.17 US (43) 23.11.2017 (72) Saunders, Laura; Stull, Robert A.; Hy- duke, Daniel R.; You, Enying (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) Ab Initio Technology LLC (11) AU-A-2017269280</p>	<p>(21) 2017269280 (22) 23.05.2017 (54) Executable logic for processing keyed data in networks (51) Int. Cl. G06F 11/36 ( 2006.01 ) (87) WO2017/205362 (31) 15/376,129 (32) 12.12.16 (33) US 62/340,825 24.05.16 US (43) 30.11.2017 (72) Gould, Joel; Studer, Scott; Stanfill, Craig W. (74) Pizzey's Patent and Trade Mark Attor- neys Pty Ltd</p> <hr/> <p>(71) Abiomed, Inc. (11) AU-A-2017273561 (21) 2017273561 (22) 31.05.2017 (54) Catheter of a heart pump shaped for anatomic fit (51) Int. Cl. A61M 25/00 ( 2006.01 ) (87) WO2017/210318 (31) 15/168,852 (32) 31.05.16 (33) US (43) 07.12.2017 (72) Corbett, Scott C.; Bergson, Margaret Tierney (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Abiomed, Inc. (11) AU-A-2017279518 (21) 2017279518 (22) 06.06.2017 (54) Blood pump assembly having a sensor and a sensor shield (51) Int. Cl. A61M 1/12 ( 2006.01 ) A61M 1/10 ( 2006.01 ) (87) WO2017/214118 (31) 62/346,163 (32) 06.06.16 (33) US (43) 14.12.2017 (72) D'Ambrosio, Ralph Louis; Adams, Bruce; Finnegan, Michael Thomas; Spanier, Gerd; Siess, Thorsten (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AB Ludvig Svensson (11) AU-A-2017272602 (21) 2017272602 (22) 30.05.2017 (54) Energy saving greenhouse screen (51) Int. Cl. A01G 9/22 ( 2006.01 ) (87) WO2017/207568 (31) 1650748-5 (32) 30.05.16 (33) SE (43) 07.12.2017 (72) Holgerson, Per; Asplund, Daniel (74) Watermark Intellectual Property Pty Ltd</p> <hr/> <p>(71) Aboubakr, G. (11) AU-A-2017266526 (21) 2017266526 (22) 12.05.2017</p>	<p>(54) Sensing system for numerical repres- entation (51) Int. Cl. G06C 1/00 ( 2006.01 ) G06F 3/03 ( 2006.01 ) G06F 3/0354 ( 2013.01 ) G06M 1/22 ( 2006.01 ) G06M 1/272 ( 2006.01 ) (87) WO2017/200599 (31) 62/336,752 (32) 16.05.16 (33) US (43) 23.11.2017 (72) Aboubakr, Gasser (74) INNOFY PTY LTD</p> <hr/> <p>(71) Acarix A/S (11) AU-A-2017285334 (21) 2017285334 (22) 16.06.2017 (54) Quantitative seismocardiography (51) Int. Cl. A61B 5/11 ( 2006.01 ) (87) WO2017/216374 (31) 16174743.1 (32) 16.06.16 (33) EP (43) 21.12.2017 (72) Schmidt, Samuel Emil; Samuelsen, Peter; Søggaard, Peter; Struijk, Jo- hannes Jan (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Adtran, Inc. (11) AU-A-2017260108 (21) 2017260108 (22) 04.05.2017 (54) Systems and methods for perform- ing optical line terminal (OLT) failover switches in optical networks (51) Int. Cl. H04B 10/032 ( 2013.01 ) H04J 3/06 ( 2006.01 ) H04J 14/00 ( 2006.01 ) H04Q 11/00 ( 2006.01 ) (87) WO2017/192894 (31) 62/331,852 (32) 04.05.16 (33) US (43) 09.11.2017 (72) Cress, Jared D.; Polk, Charles E.; Padur, Nagaraj (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) Aerial Technologies Inc. (11) AU-A-2017276830 (21) 2017276830 (22) 31.05.2017 (54) System and methods for smart intrusion detection using wireless signals and ar- tificial intelligence (51) Int. Cl. G08B 13/24 ( 2006.01 ) (87) WO2017/210770 (31) 62/347,217 (32) 08.06.16 (33) US (43) 14.12.2017 (72) Ghourchian, Negar; Allegue Martinez, Michel (74) A.P.T. Patent and Trade Mark Attor- neys</p>
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**C07D 207/02** ( 2006.01 )  
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 (21) 2017266971 (22) 12.04.2017  
 (54) Identity authentication method and apparatus  
 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (72) Campadelli, Maria Gabriella; Petrovic, Biljana  
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 (54) Herpesvirus with modified glycoprotein D  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
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- (71) Alma Mater Studiorum Universita di Bologna; Nouscom AG  
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 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 35/763** ( 2015.01 )  
**C07K 14/03** ( 2006.01 )  
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 A61K 36/15 ( 2006.01 )  
 A61K 36/45 ( 2006.01 )  
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**A61B 17/34** ( 2006.01 )  
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**G02B 27/00** ( 2006.01 )  
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**A61L 27/16** ( 2006.01 )  
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**C08L 25/18** ( 2006.01 )  
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**(51)** Int. Cl.  
**G06T 7/00** ( 2006.01 )  
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**(54)** System and method of load balancing specimen containers within detection instruments  
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**A61B 10/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**G01N 35/04** ( 2006.01 )  
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**G01M 3/20** ( 2006.01 )  
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**C01G 9/02** ( 2006.01 )  
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**A61N 1/05** ( 2006.01 )  
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**A61N 1/18** ( 2006.01 )  
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**H04R 25/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
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*G06F 19/20* ( 2011.01 )  
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**A23L 2/52** ( 2006.01 )  
**A23L 2/02** ( 2006.01 )  
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**C07C 67/475** ( 2006.01 )  
**A45D 27/00** ( 2006.01 )  
**A61K 8/37** ( 2006.01 )  
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**A61Q 9/02** ( 2006.01 )  
**B26B 21/60** ( 2006.01 )  
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**C10M 107/24** ( 2006.01 )  
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 (54) Real-time data acquisition and recording system  
 (51) Int. Cl.  
*B60L 3/12* ( 2006.01 )  
*G01D 9/00* ( 2006.01 )
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*G06F 17/00* ( 2006.01 )  
*H04B 1/38* ( 2006.01 )  
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*G06F 19/00* ( 2006.01 )  
*G07C 5/00* ( 2006.01 )  
*H04N 7/18* ( 2006.01 )  
*H04Q 9/00* ( 2006.01 )  
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 (54) Systems and methods for building impulse product shelves in online shopping platforms  
 (51) Int. Cl.  
*G06Q 10/00* ( 2006.01 )  
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*G07F 11/04* ( 2006.01 )  
*G07F 11/00* ( 2006.01 )  
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*G07F 11/10* ( 2006.01 )  
*G07F 11/12* ( 2006.01 )  
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*G06T 1/00* ( 2006.01 )  
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*G06T 7/11* ( 2017.01 )  
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 (21) 2017285218 (22) 14.06.2017  
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*A61K 39/00* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 16/46* (2006.01)  
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*H01J 61/33* (2006.01)  
*C02F 1/32* (2006.01)  
*H01J 61/04* (2006.01)  
*H01J 61/20* (2006.01)  
*H01J 61/24* (2006.01)  
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 (51) Int. Cl.  
*G01N 1/00* (2006.01)  
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*G01N 25/00* (2006.01)  
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*B65D 81/38* (2006.01)  
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*C07D 401/14* (2006.01)  
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*A23N 1/02* (2006.01)  
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*A47J 19/02* (2006.01)  
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*C07K 16/46* (2006.01)  
*A61K 35/17* (2015.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 16/28* (2006.01)  
*C07K 16/30* (2006.01)  
*C12N 5/0783* (2010.01)

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

**C12N 5/10** ( 2006.01 )

**C12N 15/13** ( 2006.01 )

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<b>2014306129</b>	Weatherford/Lamb, Inc.	<b>2017252563</b>	Baylor College of Medicine
<b>2016402264</b>	Pontificia Universidad Católica de Chile	<b>2017252582</b>	Andis Company
<b>2016402843</b>	Goumas, P.	<b>2017252593</b>	Michelson Diagnostics Ltd
<b>2016403142</b>	Suntory Holdings Limited; S.I.P.A. Societa'industrializzazione Progettazione e Auto- mazione S.p.A.; EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H.; Kyoei In- dustry Co., Ltd.	<b>2017252624</b>	Tilr Corporation
<b>2016403932</b>	Zhou, L.	<b>2017252640</b>	Innate Tumor Immunity, Inc.
<b>2016404449</b>	Joint Stock Company "BIOCAD"	<b>2017252650</b>	West Virginia University Research Corporation
<b>2016404607</b>	Guangdong Zhongke Huatong New Materials Techno- logy Co., Ltd.	<b>2017252884</b>	Daikin Industries, Ltd.
<b>2016404824</b>	Telefield Medical Imaging Limited	<b>2017253013</b>	ZeroQs Sp. z o.o.
<b>2016404850</b>	Telefield Medical Imaging Limited	<b>2017253048</b>	Daikin Industries, Ltd.
<b>2016405264</b>	Häfele GmbH & Co KG	<b>2017253089</b>	The Broad Institute, Inc.; Massachusetts Institute of Technology; Zhang, F.; Zetsche, B.; Gao, L.; Slaymaker, I.; Cox, T.
<b>2016405660</b>	Hester, F.	<b>2017253107</b>	The Broad Institute Inc.; Massachusetts Institute of Technology; Zhang, F.; Zetsche, B.; Yan, W.; Sanjana, E.; Jones, S.
<b>2016405671</b>	Outotec (Finland) Oy	<b>2017253113</b>	Ball, R.; Imascap SAS
<b>2016406271</b>	Huawei Technologies Co., Ltd.	<b>2017253449</b>	LG Electronics Inc.
<b>2016406376</b>	Outotec (Finland) Oy	<b>2017253536</b>	Evonik Röhm GmbH
<b>2016406796</b>	Nordmeccanica S.p.A.	<b>2017253708</b>	Baylor College of Medicine; Texas Heart Institute
<b>2016406797</b>	Nordmeccanica S.p.A.	<b>2017253886</b>	Koninklijke Philips N.V.
<b>2016406891</b>	General Electric Company	<b>2017253950</b>	ResQdevices Pty Ltd
<b>2016407028</b>	Sola Ip, LLC	<b>2017254033</b>	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
<b>2016407102</b>	Prysmian S.p.A.	<b>2017254090</b>	VMAS Neuroscience LLC
<b>2016407232</b>	Health Care Originals, Inc.	<b>2017254189</b>	Daikin Industries, Ltd.
<b>2016407391</b>	Motorola Solutions, Inc.	<b>2017254684</b>	Naked Biome, Inc.
<b>2016407392</b>	Motorola Solutions, Inc.	<b>2017254698</b>	Sorry Robots LLC
<b>2016408326</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2017254728</b>	HG Pharma GmbH
<b>2016409477</b>	Kimberly-Clark Worldwide, Inc.	<b>2017254764</b>	Ventura Holdings Ltd.
<b>2016409478</b>	Kimberly-Clark Worldwide, Inc.	<b>2017254777</b>	Sang Pacific Enterprises Pty Ltd
<b>2016411667</b>	Cubic Corporation	<b>2017254788</b>	Gries, G.
<b>2016413287</b>	Opus Néoi GmbH	<b>2017254793</b>	Caraball Ugarte, J.
<b>2016413470</b>	Siemens Aktiengesellschaft	<b>2017255960</b>	Laminaria Group AB
<b>2016413572</b>	Sami Labs Limited	<b>2017256254</b>	Buinco Innovation OÜ
<b>2016414770</b>	Halliburton Energy Services, Inc.	<b>2017256308</b>	Terumo Kabushiki Kaisha
<b>2016415948</b>	Novartis AG	<b>2017256387</b>	DIO Corporation
<b>2016420115</b>	Halliburton Energy Services, Inc.	<b>2017256803</b>	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca
<b>2016421889</b>	Visa International Service Association	<b>2017256811</b>	Ravelation Pty Ltd
<b>2016422603</b>	Halliburton Energy Services, Inc.	<b>2017256814</b>	Saban Ventures Pty Limited
<b>2016423157</b>	Halliburton Energy Services, Inc.	<b>2017256864</b>	Ahlstrom-Munksjö Oyj
<b>2016425367</b>	Halliburton Energy Services, Inc.	<b>2017257274</b>	The Broad Institute, Inc.; Massachusetts Institute of Technology; Zhang, F.; Zetsche, B.; Heidenreich, M.; Choudhury, S.
<b>2016427827</b>	Intuit Inc.	<b>2017257278</b>	Biomerica, Inc.
<b>2017243323</b>	Styliaras, V.	<b>2017257292</b>	ProQR Therapeutics II B.V.
<b>2017246073</b>	Mauser-Werke GmbH	<b>2017257397</b>	Settle, C.; Settle, D.
<b>2017248728</b>	Yale University	<b>2017257441</b>	RAI Strategic Holdings, Inc.
<b>2017248777</b>	Shine Analytics Ltd.; Harrison, S.; Dineen, M.; Nolan, I.; Flood, C.; Kelly, A.	<b>2017257445</b>	Ingenera SA
<b>2017248785</b>	Idorsia Pharmaceuticals Ltd.	<b>2017257505</b>	MedImmune, LLC
<b>2017249427</b>	Felker, T.S.	<b>2017257606</b>	Ciel Medical, Inc.
<b>2017249510</b>	National University of Singapore	<b>2017257680</b>	Syntimmune, Inc.
<b>2017249958</b>	Vládila Bogdan, C.	<b>2017257929</b>	De Nora Permelec Ltd
<b>2017250295</b>	Fred Hutchinson Cancer Research Center	<b>2017257930</b>	De Nora Permelec Ltd
<b>2017250447</b>	Ubamarket Ltd	<b>2017257967</b>	Haupt, R.
<b>2017250817</b>	TTI (Macao Commercial Offshore) Limited	<b>2017258279</b>	Af Praktyka Stomatologiczna Artur Frydrychewicz
<b>2017251116</b>	Zymeworks Inc.	<b>2017258442</b>	Paris Sciences et Lettres - Quartier Latin; Centre Na- tional de la Recherche Scientifique (CNRS); Universite Pierre et Marie Curie (Paris 6)
<b>2017251303</b>	Dong Wha Pharm. Co., Ltd.	<b>2017258454</b>	Amri, M.
<b>2017252078</b>	RAI Strategic Holdings, Inc.	<b>2017259206</b>	E M & I (maritime) Limited
<b>2017252085</b>	MediWound Ltd	<b>2017259906</b>	Smith & Nephew plc
<b>2017252187</b>	Scorboard, LLC	<b>2017259960</b>	Paratek Pharmaceuticals, Inc.
<b>2017252188</b>	Scorboard, LLC	<b>2017259975</b>	The Coca-Cola Company
<b>2017252260</b>	Scorboard, LLC	<b>2017260091</b>	The Coca-Cola Company
<b>2017252261</b>	Scorboard, LLC	<b>2017260108</b>	Adtran, Inc.
<b>2017252294</b>	Heitzmann, H.; Curry, K.; Haffner, D.; Burns, T.	<b>2017260142</b>	GEA Farm Technologies GmbH
<b>2017252299</b>	Human Longevity, Inc.	<b>2017260170</b>	The Coca-Cola Company
<b>2017252328</b>	Incyte Corporation		
<b>2017252461</b>	OMS Investments, Inc.		
<b>2017252517</b>	Cerora, Inc.		
<b>2017252546</b>	Bristol-Myers Squibb Company		

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2017260335	McCormick & Company, Incorporated	2017266933	Magic Leap, Inc.
2017260371	Ligare Biotechnologies, Inc.	2017266948	ModernaTX, Inc.; Fundacion Para La Investigacion Medica Aplicada
2017260505	Aspen Park Pharmaceuticals, Inc.	2017266971	Alibaba Group Holding Limited
2017260574	Glovenatic Pty Limited	2017267166	Konkuk University Industrial Cooperation Corp
2017260701	Products & Technology, S.L.	2017267178	Viega Technology GmbH & Co. KG
2017261340	ESCO Group LLC	2017267243	Alphagen NZ Limited
2017261416	Mintek	2017267246	Fisher & Paykel Healthcare Limited
2017261774	Swiss VX Venentherapie und Forschung GmbH	2017267248	Copp, J.; Victoria Link Limited
2017261795	Wayne Fueling Systems LLC	2017267260	De' Longhi Appliances S.r.l.
2017261797	Alert Innovation Inc.	2017267392	Battelle Memorial Institute
2017261798	Sharp Kabushiki Kaisha	2017267560	S&T Global Inc.
2017261828	Aeromics, Inc.	2017267605	Seyntex N.V.
2017261926	Golden Renewable Energy, LLC	2017267610	Augmently, Inc.
2017261927	GB Progetti S.r.l.	2017267631	Bugworks Research, Inc.
2017261994	NTT DoCoMo, Inc.	2017267656	Solenis Technologies, L.P.; Varnell, D.
2017262155	Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd.	2017267665	Voyager Therapeutics, Inc.
2017262235	Anacor Pharmaceuticals, Inc.	2017267702	Satori Worldwide, LLC
2017262385	Kando Innovation Limited	2017267708	Aptinyx Inc.
2017262776	American Molecular Laboratories, Inc.	2017267728	Alere San Diego, Inc.
2017262812	Stamicarbon B.V.	2017267789	AbbVie Stemcentrx LLC
2017262817	Koninklijke Douwe Egberts B.V.	2017267808	Chirp Products LLC
2017262875	Huawei Technologies Co., Ltd.	2017267936	Remediation Products, Inc.
2017262892	Huawei Technologies Co., Ltd.	2017267945	OPW-Engineered Systems, Inc.
2017263013	Muntermann, A.	2017267979	MannKind Corporation
2017263133	Essilor International	2017268029	Genesys Electronics Design Pty Ltd
2017263377	The Coca-Cola Company	2017268033	Weir Minerals Australia Ltd
2017263454	Amgen Inc.	2017268036	Southern Real Estate Group Pty Ltd
2017263566	YETI Coolers, LLC	2017268038	Cabot, J.
2017263574	The Regents of the University of Michigan	2017268039	Takeda Pharmaceutical Company Limited
2017263577	Eclipse International	2017268056	Lineriders Inc.
2017263628	Infacare Pharmaceutical Corporation	2017268078	The General Hospital Corporation
2017263660	Matthews Resources, Inc.	2017268107	560 Holdings, LLC
2017263709	AquaTech (NSW) No.2 Pty Limited	2017268138	Solenis Technologies, L.P.
2017264119	Nanoegg Research Laboratories, Inc.	2017268161	Intarcia Therapeutics, Inc.
2017264192	National University Corporation Tokyo Medical And Dental University; Nippon Zoki Pharmaceutical Co., Ltd.	2017268184	DCB-USA LLC
2017264502	Aryan Twenty 5 LLC	2017268240	Global BioLife Inc.
2017264583	The University of North Carolina at Chapel Hill	2017268266	Wi-Tronix, LLC
2017264703	Convatec Technologies Inc.	2017268273	Wi-Tronix, LLC
2017264768	Fike Corporation	2017268276	Wi-Tronix, LLC
2017264879	ArthroMeda, Inc.	2017268351	Tyme, Inc.
2017264901	Turnstone Limited Partnership	2017268361	Wm. Wrigley Jr. Company
2017265219	Zhejiang Yukon Pharma Co., Ltd.	2017268371	Loxo Oncology, Inc.; Array BioPharma Inc.; Eary, C.
2017265310	BrightGene Bio-Medical Technology Co., Ltd.	2017268373	Wm. Wrigley Jr. Company
2017265930	Jet Physics Limited	2017268379	The Regents of the University of Colorado, a body corporate
2017266120	GELITA AG	2017268396	ModernaTX, Inc.
2017266212	OVD Kinegram AG	2017268409	IdeaPaint, Inc.
2017266310	De' Longhi Appliances S.r.l. Con Unico Socio	2017268465	DEKA Products Limited Partnership
2017266312	De' Longhi Appliances S.r.l. Con Unico Socio	2017268479	Excivion Limited
2017266320	Sonikure Holdings Limited	2017268702	Glencore Technology Pty Ltd
2017266330	Osaka University; Shiseido Company, Ltd.; Kyushu University, National University Corporation	2017268705	Kakadu R & D Pty Ltd
2017266331	Osaka University; Kyushu University, National University Corporation; Shiseido Company, Ltd.	2017268787	Monolythix, Inc.
2017266384	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2017268930	Bugatone Ltd.
2017266445	Carpenter, B.	2017268931	Cochlear Limited
2017266477	Kerquest	2017269010	Toray Industries, Inc.
2017266497	Edwards Limited	2017269108	Intuit Inc.
2017266526	Aboubakr, G.	2017269110	Intuit Inc.
2017266564	Akamara Therapeutics, Inc.	2017269151	Xinova, LLC
2017266570	Satori Worldwide, LLC	2017269197	GSquared Medical LLC
2017266620	Hatch Ltd.	2017269262	Covidien LP
2017266695	D & D	2017269280	Ab Initio Technology LLC
2017266714	Fresenius Medical Care Deutschland GmbH	2017269287	UV Concepts, Inc.
2017266815	Samsung Electronics Co., Ltd.	2017269292	Monsanto Technology LLC
2017266859	Medos International Sarl	2017269331	Bardex Corporation
2017266861	KCI Licensing, Inc.	2017269412	Biomerieux, Inc.
2017266878	Biotheryx, Inc.	2017269495	Evonik Technochemie GmbH
2017266896	Benz Research and Development Corp.	2017269497	Waldemar Link GmbH & Co. KG
2017266911	Mirati Therapeutics, Inc.; Array BioPharma, Inc.	2017269545	Landmeco. Ølgod A/S
		2017269595	Intuit Inc.
		2017269608	Norgen Biotek Corp.
		2017269647	Nunhems B.V.

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2017269758	Zumex Group, S.A.	2017275112	Kao Corporation
2017269765	Grip Offshore As	2017275178	Kao Corporation
2017269805	Rite-Hite Holding Corporation	2017275466	PepsiCo, Inc.
2017269870	Bayer Pharma Aktiengesellschaft; Deutsches Krebsforschungszentrum (DKFZ)	2017275474	Stryker Corporation
2017269937	MAKO Surgical Corp.	2017275577	Octapharma AG
2017270027	MedImmune Limited	2017275603	Syngenta Participations AG
2017270092	University of Pittsburgh-of the Commonwealth System of Higher Education; The Brigham And Women's Hospital, Inc.	2017275748	Ferring B.V.
2017270134	Evonik Technochemie GmbH	2017275756	Qualflow Systems Limited
2017270304	Seiko Epson Corporation	2017275862	MEDACTA INTERNATIONAL SA
2017270374	Swiss Capital – Engineering AG	2017276723	Alma Mater Studiorum Universita di Bologna
2017270580	Allergan, Inc.	2017276726	Alma Mater Studiorum Universita di Bologna
2017270649	Waga Energy	2017276727	Alma Mater Studiorum Universita di Bologna; Nouscom AG
2017270864	Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences	2017276766	Siemens Aktiengesellschaft
2017270942	F2G Limited	2017276777	Schneider Electric Industries SAS
2017270987	Henan Dragon into Coal Technology Co., Ltd.	2017276799	Commonwealth Scientific and Industrial Research Organisation
2017271220	Siemens Aktiengesellschaft	2017276811	ETP Ion Detect Pty Ltd
2017271302	Smartfish AS	2017276830	Aerial Technologies Inc.
2017271386	Kuster, M.	2017276840	Tapplock Corporation
2017271387	Kuster, M.	2017277354	BASF SE
2017271468	Bayer CropScience Aktiengesellschaft	2017277405	Evoqua Water Technologies LLC
2017271530	SWIMC LLC	2017277525	Oil States Industries, Inc.
2017271550	Purdue Research Foundation; Endocyte, Inc.	2017277575	Dow AgroSciences LLC
2017271591	Landis+Gyr Innovations, Inc.	2017277596	GlaxoSmithKline Intellectual Property Development Limited
2017271592	Twin City Fan Companies, Ltd.	2017277654	Ecolab USA Inc.
2017271607	BioMerieux, Inc.	2017277735	IMBA - Institut für Molekulare Biotechnologie GmbH; Medizinische Universität Wien
2017271661	BioMerieux, Inc.	2017277757	Octapharma AG
2017271662	Cedars-Sinai Medical Center	2017277810	Temple University - of the Commonwealth System of Higher Education
2017271807	Izumi Products Company	2017277841	S. C. Johnson & Son, Inc.
2017272047	Microban Products Company	2017277848	Apple Inc.
2017272053	Gas Technology Institute	2017277892	Carson, A.
2017272098	Yale University	2017278095	The Board of Trustees of the Leland Stanford Junior University
2017272336	General Electric Company	2017278103	Evoqua Water Technologies LLC
2017272367	GE Oil & Gas ESP, Inc	2017278116	Satori Worldwide, LLC
2017272386	Vetco Gray Scandinavia AS	2017278177	Rec N' Trek Ltd.
2017272514	Purac Biochem BV	2017278220	Io Therapeutics, Inc.
2017272602	AB Ludvig Svensson	2017278258	AMVAC C.V.
2017272608	MorphoSys AG	2017278305	Wisconsin Alumni Research Foundation
2017272612	Bettella, M.	2017278382	Karl Leibinger Medizintechnik GmbH & Co. KG
2017272915	Lindner, W.	2017278812	Karl Leibinger Medizintechnik GmbH & Co. KG
2017273116	Laminar Medica Limited	2017278999	Itamar Medical Ltd.
2017273117	NuCana plc	2017279046	Novartis AG
2017273118	BAE Systems plc	2017279450	InApril AS
2017273120	Nucana PLC	2017279512	Arrowhead Pharmaceuticals, Inc.
2017273371	Alibaba Group Holding Limited	2017279518	Abiomed, Inc.
2017273415	Sun Pharma Advanced Research Company Limited	2017279542	American Gene Technologies International Inc.
2017273420	Westrock Packaging Systems, LLC	2017281012	Butterfly Network, Inc.
2017273484	Shandong University of Technology	2017281079	Revolver 26 Investment Corporation
2017273522	AbbVie Inc.; AbbVie Deutschland GmbH & Co. KG	2017281082	The Trustees of Columbia University in the City of New York
2017273561	Abiomed, Inc.	2017281246	Qualcomm Incorporated
2017273638	The Regents of The University of California	2017281280	Butterfly Network, Inc.
2017273661	Unilever PLC	2017281281	Butterfly Network, Inc.
2017273699	Cedars-Sinai Medical Center	2017281290	Nobel Biocare Services AG
2017273702	ESCO Group LLC	2017281458	Machovina, B.; Mchale-Machovina, E.
2017273726	Epizyme, Inc.	2017281684	Oy Karl Fazer AB
2017273748	Vetco Gray Scandinavia AS	2017282029	TDW Delaware, Inc.
2017273851	Gilead Pharmasset LLC	2017282305	Shionogi & Co., Ltd.
2017273975	M. Technique Co., Ltd.	2017282638	Janssen Biotech, Inc.
2017274038	The Chinese University of Hong Kong	2017282651	Orion Ophthalmology LLC
2017274073	MoneyCatcher Pty Ltd	2017282924	Qualcomm Incorporated
2017274197	Cloudbreak Therapeutics, LLC	2017282925	Qualcomm Incorporated
2017274285	Cornelius, Inc.	2017283071	Baker IDI Heart & Diabetes Institute Holdings Ltd.; Albert-Ludwigs-Universität Freiburg
2017274298	H&L Tooth Company	2017283151	Dextech Medical AB
2017274354	Depuy Synthes Products, Inc.	2017283488	University of Washington
2017274412	Quantum-Si Incorporated	2017283768	Novartis AG
2017274517	General Electric Company		
2017274520	E. I. Du Pont De Nemours and Company		
2017274614	Drylock Technologies NV		
2017275049	Shandong University of Technology		

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

2017284175	MED-EL Elektromedizinische Geraete GmbH	2017330685	Toray Industries, Inc.
2017284198	The University of North Carolina at Chapel Hill	2017331629	Galileo Wheel Ltd.
2017284984	Vorwerk & Co. Interholding GmbH	2017351024	Intuit Inc.
2017285006	Haldor Topsøe A/S	2017352442	Intuit Inc.
2017285015	The Procter & Gamble Company	2017352446	Intuit Inc.
2017285134	Evoqua Water Technologies LLC	2017376918	Nestec SA
2017285218	Xencor, Inc.	2017376922	Nestec SA
2017285278	Riddle & Code GmbH	2017376984	Nestec SA
2017285285	University of Copenhagen	2017385749	LG Electronics Inc.
2017285334	Acarix A/S	2017389095	LG Electronics Inc.
2017285712	Versus Invest BVBA	2017394582	LG Electronics Inc.
2017285983	Chr. Hansen A/S	2017398661	MiaSole Photovoltaic Technology Co., Ltd.
2017286167	Unilever PLC	2017403823	Guilin Layn Natural Ingredients Corp.
2017286168	Unilever PLC	2017404569	BOE Technology Group Co., Ltd.
2017286220	OxThera Intellectual Property AB	2017407248	NEC Platforms, Ltd.; Nippon Telegraph and Telephone East Corporation; Nippon Telegraph and Telephone West Corporation
2017286289	DePuy Synthes Products, Inc.	2018203987	Pro-Team Buns, LLC
2017286368	Janssen Sciences Ireland Unlimited Company	2018220034	Apple Inc.
2017286370	Janssen Sciences Ireland UC	2018223411	Huawei Technologies Co., Ltd.
2017286375	Janssen Vaccines & Prevention B.V.	2018241088	AME Pty Ltd
2017286379	Janssen Pharmaceutica NV	2018256172	LG Electronics Inc.
2017286380	Janssen Pharmaceutica NV	2018260837	Rauland-Borg Corporation
2017286432	Merck Sharp & Dohme Corp.; Adimab, LLC	2018260948	Apple Inc.
2017286434	S. C. Johnson & Son, Inc.		
2017286457	DePuy Synthes Products, Inc.		
2017286477	DNA Script; Institut Pasteur; Centre national de la recherche scientifique		
2017286510	Starstream Limited		
2017286519	MED-EL Elektromedizinische Geraete GmbH		
2017286677	Calysta, Inc.		
2017286806	Megadyne Medical Products, Inc.		
2017286808	Megadyne Medical Products, Inc.		
2017288125	Horton, Inc.		
2017288143	Qualcomm Incorporated		
2017288991	Assa Abloy Entrance Systems AB		
2017289600	The Board of Trustees of The Leland Stanford Junior University		
2017290237	Grail, Inc.		
2017290819	Fresenius Medical Care Holdings, Inc.		
2017291216	Qualcomm Incorporated		
2017291785	E.ON Sverige AB		
2017292897	Middleton, R.		
2017293156	Mölnlycke Health Care AB		
2017293856	The Gillette Company LLC		
2017293857	The Gillette Company LLC		
2017293858	The Gillette Company LLC		
2017294400	E.ON Sverige AB		
2017294435	Kathrein-Werke KG		
2017294544	Xylem IP Management S.à r.l.		
2017294806	McPharma Biotech Inc.		
2017295681	Siemens Industry, Inc.		
2017295835	Covidien LP		
2017296153	Novartis AG		
2017296386	DSM IP Assets B.V.		
2017296589	Shin-Etsu Chemical Co., Ltd.		
2017297185	Quantum-Si Incorporated		
2017298104	GE Oil & Gas Esp, Inc.		
2017298399	E. I. du Pont de Nemours and Company		
2017299460	Philip Morris Products S.A.		
2017299473	Mastercard International Incorporated		
2017299962	Nestec S.A.		
2017301537	X Development LLC		
2017301538	X Development LLC		
2017301565	The Gillette Company LLC		
2017304477	Philip Morris Products S.A.		
2017304790	Guangzhou Xaircraft Technology Co., Ltd.		
2017306243	Samsung Electronics Co., Ltd.		
2017306852	Leone S.p.A.		
2017306969	Tsinghua University; Nuctech Company Limited		
2017315098	Nestec S.A.		
2017319586	Luigi Lavazza S.p.A.		
2017320216	Philip Morris Products S.A.		
2017330339	X Development LLC		

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<b><u>A01C 3 /-</u></b>	<b><u>A23C 9 /-</u></b>	2017251303 2017255960 2017269495 2017271302	<b><u>A47G 25 /-</u></b>	2017286808	<b><u>A61C 7 /-</u></b>
2017254793	2017285983		2017260574	<b><u>A61B 34 /-</u></b>	2017266695 2017306852
<b><u>A01G 17 /-</u></b>	<b><u>A23D 7 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47J 19 /-</u></b>	2017269262 2017269937 2017295835	<b><u>A61C 8 /-</u></b>
2016403932 2017257397	2017269495	2017281684	2017269758	<b><u>A61B 42 /-</u></b>	2017256387 2017258279
<b><u>A01G 27 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A47J 27 /-</u></b>	2017260574	<b><u>A61F 13 /-</u></b>
2017292897	2017299962	2017281684	2017253886	<b><u>A61B 5 /-</u></b>	2017259906 2017264703 2017266861 2017274614
<b><u>A01G 9 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A23N 1 /-</u></b>	<b><u>A47J 31 /-</u></b>	2016404824 2016407232 2016413287 2017252517 2017256387 2017264879 2017267246 2017271386 2017273638 2017273699 2017278999 2017284175 2017285334 2017290819	<b><u>A61F 2 /-</u></b>
2017257397 2017272602 2017292897	2017266120	2017269758	<b><u>A47J 36 /-</u></b>	2017253886	2017253113 2017254764 2017266896 2017268038 2017270374 2017274354 2017278382 2017278812 2017286289
<b><u>A01H 5 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A47J 43 /-</u></b>	2017284984	
2017269292	2017266120 2017296386 2017376918 2017376922	2018203987	<b><u>A47K 10 /-</u></b>	2016409478	
<b><u>A01K 39 /-</u></b>	<b><u>A23K 20 /-</u></b>	2017252078 2017257441 2017304477 2017320216	<b><u>A47K 7 /-</u></b>	<b><u>A61B 50 /-</u></b>	<b><u>A61F 5 /-</u></b>
2017269545	2017376918 2017376922 2017376984	<b><u>A41D 19 /-</u></b>	2017267808	2017286457	2017284175
<b><u>A01K 5 /-</u></b>	<b><u>A23K 50 /-</u></b>	2017260574	<b><u>A47L 5 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61F 6 /-</u></b>
2017269545	2017376918 2017376922 2017376984	<b><u>A45C 13 /-</u></b>	2017250817	2017256387	2017271387
<b><u>A01M 23 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A45C 3 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61B 7 /-</u></b>	<b><u>A61F 9 /-</u></b>
2017254788	2017260170 2017273661	2017263566	2017250817 2017385749 2017389095 2017394582 2018256172	2017252517	2017252294 2017254764 2017266320 2017268379 2017296153
<b><u>A01N 25 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A45D 27 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61B 8 /-</u></b>	<b><u>A61G 5 /-</u></b>
2017252461 2017271468 2017272047	2017255960 2017260170 2017263377 2017271302 2017273661	2017293856	2017257606 2017273699 2017275862	2016404824 2016404850 2017281012 2017281280 2017281281	2017268465
<b><u>A01N 33 /-</u></b>	<b><u>A23L 23 /-</u></b>	<b><u>A46B 13 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61G 7 /-</u></b>
2017272047	2017273661	2017267808 2018256172	2017271607	2017253708 2017269262 2017295835	2017263577
<b><u>A01N 43 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A46B 3 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61C 1 /-</u></b>	<b><u>A61K 31 /-</u></b>
2017254788 2017271468 2017275603 2017277354	2016407028 2017260335 2017263377	2018256172	2017253708 2017261774 2017264879 2017266859 2017269197 2017269497 2017274354 2017286457	2017256387	2017248785 2017251303 2017252328 2017252546 2017252640 2017254728 2017256803 2017257292 2017259960 2017260505 2017260701 2017261828 2017262155 2017262235 2017263574 2017264119
<b><u>A01P 19 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47B 53 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61C 13 /-</u></b>	
2017254788	2017255960 2017266120 2017273661	2017268107	2017273699 2017275474 2017286806	2017256387	
<b><u>A01P 3 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47B 96 /-</u></b>	<b><u>A47F 3 /-</u></b>	<b><u>A61C 17 /-</u></b>	
2017252461 2017275603	2017260335 2017269151	2017268107	2017275466	2017267808	
<b><u>A21D 8 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47C 27 /-</u></b>	<b><u>A47F 5 /-</u></b>	<b><u>A61C 19 /-</u></b>	
2017281684	2017255960 2017266120 2017273661	2017263577	2017273699 2017275474 2017286806	2017256387	
<b><u>A23B 7 /-</u></b>		<b><u>A47F 3 /-</u></b>			
2017269151		2017275466			
<b><u>A23B 9 /-</u></b>		<b><u>A47F 5 /-</u></b>			
2017269151		2017268107			
	2016407028				



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

2017265219	2017271550	2017270942	2017268379	<b><u>A61P 29/-</u></b>	<b><u>A62C 3/-</u></b>
2017265310	2017277735	2017273851			
2017266564		2017274197	<b><u>A61M 39/-</u></b>	2017254777	2017271592
2017266878	<b><u>A61K 39/-</u></b>	2017277757		2017268039	
2017266911		2017277810	2017253950		<b><u>A62C 35/-</u></b>
2017267166	2016402264	2017278095		<b><u>A61P 3/-</u></b>	2017264768
2017267243	2016404449	2017285015	<b><u>A61M 5/-</u></b>		
2017267248	2017249510			2017252563	
2017267631	2017251116	<b><u>A61L 15/-</u></b>	2017256308	2017268396	<b><u>A62C 37/-</u></b>
2017267708	2017257505				
2017267789	2017257680	2017275577	<b><u>A61N 1/-</u></b>	<b><u>A61P 31/-</u></b>	2017264768
2017268039	2017264119	2017293156			
2017268184	2017264901		2017261774	2017248785	<b><u>A62D 1/-</u></b>
2017268351	2017270027	<b><u>A61L 2/-</u></b>	2017273638	2017267248	
2017268371	2017273522		2017284175	2017267631	2017264768
2017269495	2017278220	2016415948		2017268240	
2017269870	2017279046	2017256814	<b><u>A61N 2/-</u></b>	2017270942	<b><u>A63B 22/-</u></b>
2017270134	2017283071	2017269287		2017273851	2017281458
2017270864	2017285218		2017249958	2017283071	
2017270942	2017286375	<b><u>A61L 26/-</u></b>	2017263013	2017283768	<b><u>A63B 69/-</u></b>
2017271550	2017286432			2017286368	
2017272047		2017293156	<b><u>A61N 5/-</u></b>	2017286370	2017281458
2017272098	<b><u>A61K 45/-</u></b>				
2017273117		<b><u>A61L 27/-</u></b>	2017273699	<b><u>A61P 35/-</u></b>	<b><u>B01D 19/-</u></b>
2017273120	2017256803				
2017273415	2017260505	2017264583	<b><u>A61N 7/-</u></b>	2017251116	2017268138
2017273851	2017264119	2017266896		2017252640	2017268702
2017274197	2017268379	2017268078		2017257505	
2017277596	2017271662	2017275577	<b><u>A61P 1/-</u></b>	2017262155	<b><u>B01D 24/-</u></b>
2017281082	2017273726	2017278382		2017263574	
2017282305	2017277810	2017278812	2017286220	2017264901	2017278103
2017282651	2017279046		2017294806	2017265310	
2017283768		<b><u>A61L 9/-</u></b>	2017376984	2017266564	<b><u>B01D 25/-</u></b>
2017284198	<b><u>A61K 47/-</u></b>			2017268351	
2017286368		2017277841	<b><u>A61P 11/-</u></b>	2017268371	2016406376
2017286370	2017250295	2017285285		2017269870	
2017286375	2017252085	2017286434	2017270092	2017271662	<b><u>B01D 46/-</u></b>
2017286379	2017263377			2017273117	
2017286380	2017267248	<b><u>A61M 1/-</u></b>	<b><u>A61P 13/-</u></b>	2017273120	2017250817
2017294806	2017271662	2017259906		2017277596	2017270987
	2017277735	2017264703	2017283151	2017279046	2017281079
<b><u>A61K 35/-</u></b>	2017277757	2017266714	2017286220	2017285218	<b><u>B01D 47/-</u></b>
	<b><u>A61K 48/-</u></b>	2017279518		2017286379	
2016413572		<b><u>A61M 15/-</u></b>	<b><u>A61P 17/-</u></b>	2017286380	2017262812
2017251116	2017264119				
2017252328	2017266948	2017257441	2017252085	<b><u>A61P 37/-</u></b>	<b><u>B01D 51/-</u></b>
2017254684	2017277810	2017267979	2017254684		
2017254777	2017279542	2017299460	2017254777	2016404449	2017270987
2017268078	2017284198		2017262235	2017252640	
2017276723		<b><u>A61M 16/-</u></b>	2017264119	2017262235	<b><u>B01D 53/-</u></b>
2017276726	<b><u>A61K 49/-</u></b>		2017283071	2017264119	
2017276727		2017257606	<b><u>A61P 19/-</u></b>	2017264901	2017262812
2017277810	2017270027	2017267246		2017266878	2017285285
2017286220		2017277848	2017376984	2017273522	<b><u>B01D 59/-</u></b>
2017294806	<b><u>A61K 51/-</u></b>	2017299460	<b><u>A61P 25/-</u></b>		
				<b><u>A61P 43/-</u></b>	2017267392
<b><u>A61K 36/-</u></b>	2017271550	<b><u>A61M 25/-</u></b>	2017252563	2017264119	<b><u>B01D 63/-</u></b>
			2017256803		
2017251303	<b><u>A61K 8/-</u></b>	2017253950	2017260701	<b><u>A61P 9/-</u></b>	2017269010
2017254777		2017257606	2017267243		
2017267243	2017254777	2017273561	2017267708	2017252546	<b><u>B01D 69/-</u></b>
2017285015	2017293856		2017268039	2017270092	
	<b><u>A61K 9/-</u></b>	<b><u>A61M 31/-</u></b>	2017273415	2017270864	2017276799
			2017273522	2017283071	
2017252085	2017252328	2017268379		<b><u>A61Q 9/-</u></b>	<b><u>B01D 71/-</u></b>
2017254684	2017256803		<b><u>A61P 27/-</u></b>		
2017254728	2017260505	<b><u>A61M 35/-</u></b>		2017293856	2017276799
2017256803	2017260701		2017256803	2017293857	
2017264119	2017268379	2017268379	2017268379	2017293858	<b><u>B01J 2/-</u></b>
2017268161	2017268396	<b><u>A61M 37/-</u></b>			
2017268240	2017270134				2017270580
2017268396	2017270864	2017266320			

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<b><u>B01J 23 /-</u></b>	2017301565	<b><u>B32B 37 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C02F 9 /-</u></b>
2017296589	<b><u>B26D 1 /-</u></b>	2016406797 2017268409	2017269331	2017261797 2017268107	2016405671
<b><u>B01J 35 /-</u></b>	2017262385	<b><u>B32B 5 /-</u></b>	<b><u>B63B 25 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C03B 11 /-</u></b>
2017296589	<b><u>B26D 7 /-</u></b>	2016406797	2017256254	2017269805	2017263660
<b><u>B01J 8 /-</u></b>	2017262385	<b><u>B32B 7 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65H 45 /-</u></b>	<b><u>C05C 9 /-</u></b>
2017276766	<b><u>B29B 11 /-</u></b>	2016406797	2017256254	2017252260	2017262812
<b><u>B01L 3 /-</u></b>	2016403142 2017330685	<b><u>B41J 2 /-</u></b>	<b><u>B63C 1 /-</u></b>	<b><u>B66B 11 /-</u></b>	<b><u>C07B 61 /-</u></b>
2017257967	<b><u>B29B 17 /-</u></b>	2017270304	2017256254	2016405660	2017282305
<b><u>B02C 15 /-</u></b>	2016403142	<b><u>B42D 25 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B66B 9 /-</u></b>	<b><u>C07C 213 /-</u></b>
2017270580	<b><u>B29C 43 /-</u></b>	2017266212	2017266620	2016405660	2017273484 2017275049
<b><u>B03B 5 /-</u></b>	2017278812	<b><u>B43L 1 /-</u></b>	<b><u>B64D 3 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C07C 215 /-</u></b>
2017261416	<b><u>B29C 67 /-</u></b>	2017271530	2017266620	2018241088	2017273484 2017275049
<b><u>B05B 12 /-</u></b>	2017253113 2017278812	<b><u>B60C 13 /-</u></b>	<b><u>B65D 19 /-</u></b>	<b><u>B66F 11 /-</u></b>	<b><u>C07C 237 /-</u></b>
2017268138	<b><u>B29C 70 /-</u></b>	2017331629	2017254033	2016405660	2017259960
<b><u>B05C 1 /-</u></b>	2017330685	<b><u>B60C 17 /-</u></b>	<b><u>B65D 3 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07C 269 /-</u></b>
2016406796	<b><u>B29K 101 /-</u></b>	2017331629	2017315098	2017274285 2017275756	2017273484 2017275049
<b><u>B06B 1 /-</u></b>	2017330685	<b><u>B60C 9 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>B67D 7 /-</u></b>	<b><u>C07C 271 /-</u></b>
2017281012 2017281280	<b><u>B31B 50 /-</u></b>	2017331629	2017252260 2017273420	2017261795 2017274285	2017273484 2017275049
<b><u>B08B 9 /-</u></b>	2017252260	<b><u>B60J 5 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>B82Y 5 /-</u></b>	<b><u>C07C 273 /-</u></b>
2017282029	<b><u>B31F 1 /-</u></b>	2017285712	2016402843	2017271662	2017262812
<b><u>B09B 3 /-</u></b>	2017252187 2017252188 2017252260 2017252261	<b><u>B60K 15 /-</u></b>	<b><u>B65D 71 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C07C 41 /-</u></b>
2017267936	<b><u>B31F 5 /-</u></b>	2017266445	2017273420	2017273975	2017273484
<b><u>B22C 7 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>B60L 3 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C07C 43 /-</u></b>
2017263660	2017252188	2017268266	2017246073	2017273975	2017273484
<b><u>B22D 27 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C01G 9 /-</u></b>	<b><u>C07C 51 /-</u></b>
2017263660	2016406797	2017272612	2017252188 2017263566 2017273116	2017273975	2017269495 2017273484 2017275049 2017296386
<b><u>B23D 29 /-</u></b>	<b><u>B32B 29 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 53 /-</u></b>
2017271807	2016406797 2017268409	2017266445 2017272612	2017260574	2016405671 2017268702 2017277405 2017278103 2017285134 2017294544	2017273484
<b><u>B25F 5 /-</u></b>	<b><u>B32B 29 /-</u></b>	<b><u>B62B 3 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07C 57 /-</u></b>
2017271807	2016406797 2017252260 2017252261	2017253013	2017256864 2017262817 2017315098 2017319586	2017269495	
<b><u>B25J 19 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B62D 33 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07C 67 /-</u></b>
2017269765	2017252188 2017252261	2017249427	2017266445	2017267936	2017293856
<b><u>B26B 15 /-</u></b>	<b><u>B32B 33 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65D 90 /-</u></b>	2017267936 2017277405 2017278103 2017285134	<b><u>C07C 68 /-</u></b>
2017271807	2017268409	2017256254	2017266445	2017275049	
<b><u>B26B 19 /-</u></b>					
2017252582					
<b><u>B26B 21 /-</u></b>					
2017293856					

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<b><u>C07C 69 /-</u></b>		<b><u>C07J 17 /-</u></b>	2017275049	<b><u>C10K 1 /-</u></b>	2017250295
2017275049	<b><u>C07D 413 /-</u></b>				2017251116
	2017265219	2017403823	<b><u>C08K 5 /-</u></b>	2017270987	2017253107
<b><u>C07D 207 /-</u></b>	2017267631	<b><u>C07K 14 /-</u></b>	2017275049	<b><u>C10L 5 /-</u></b>	2017257274
2017267728	<b><u>C07D 417 /-</u></b>	2017250295			2017257292
	2017248785	2017254728	<b><u>C08L 1 /-</u></b>	2017254793	2017257680
<b><u>C07D 209 /-</u></b>	2017275603	2017266120	2017273661	<b><u>C10M 107 /-</u></b>	2017263454
2017263574	2017281082	2017268161			2017264192
2017274197		2017268396	<b><u>C08L 23 /-</u></b>	2017293857	2017267665
	<b><u>C07D 471 /-</u></b>	2017268479		2017293858	2017269292
<b><u>C07D 213 /-</u></b>	2017252546	2017269647	2016404607		2017269608
2017263574	2017252640	2017276723		<b><u>C10M 111 /-</u></b>	2017269647
2017266878	2017286368	2017276726	<b><u>C08L 25 /-</u></b>	2017293857	2017270092
	2017286370	2017276727	2017266896		2017276723
<b><u>C07D 215 /-</u></b>	2017286379	<b><u>C07K 16 /-</u></b>	<b><u>C08L 27 /-</u></b>	<b><u>C11B 1 /-</u></b>	2017276726
2017268184		2016402264		2017296386	2017276727
	<b><u>C07D 487 /-</u></b>	2016404449	2017266896		2017279542
<b><u>C07D 231 /-</u></b>	2017267708	2017250295		<b><u>C11B 3 /-</u></b>	2017281684
2017266911	2017268371	2017251116	<b><u>C08L 29 /-</u></b>		2017284198
	2017286368	2017257505	2017266896	<b><u>C11B 3 /-</u></b>	<b><u>C12N 5 /-</u></b>
<b><u>C07D 235 /-</u></b>	2017286370	2017257680		2017296386	2016404449
2017281082	2017286379	2017270027	<b><u>C08L 33 /-</u></b>	<b><u>C11C 1 /-</u></b>	2017251116
	<b><u>C07D 495 /-</u></b>	2017273522	2017253536	2017269495	2017264583
<b><u>C07D 237 /-</u></b>	2017262155	2017278220			2017268078
2017269870		2017279046	<b><u>C09C 1 /-</u></b>	<b><u>C11C 3 /-</u></b>	2017269292
	<b><u>C07D 498 /-</u></b>	2017283071	2017273975	2017293856	2017276726
<b><u>C07D 261 /-</u></b>	2017248785	2017285218			2017276727
2017283768	2017267631	2017286432	<b><u>C09C 3 /-</u></b>	<b><u>C11C 5 /-</u></b>	2017278095
	2017282305	<b><u>C07K 7 /-</u></b>	2017273975	2017286434	2017282638
<b><u>C07D 271 /-</u></b>	<b><u>C07D 513 /-</u></b>	2017267560	<b><u>C09D 163 /-</u></b>		<b><u>C12N 7 /-</u></b>
2017252546	2017286368	2017275748	2017268409	<b><u>C11D 1 /-</u></b>	2017249510
2017277354	2017286370	<b><u>C08B 30 /-</u></b>	<b><u>C09D 175 /-</u></b>	2017275112	2017264583
		2017294806		2017275178	2017264901
<b><u>C07D 277 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C09D 179 /-</u></b>	2017286167	2017276723
2017275603	2017252640	2017283151	2017298399	2017286168	2017276726
	<b><u>C07F 15 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C09D 179 /-</u></b>	2017286168	2017276727
<b><u>C07D 295 /-</u></b>	2017266564	2017268787	2017268409	<b><u>C11D 17 /-</u></b>	2017277810
2017266911	<b><u>C07F 5 /-</u></b>	<b><u>C08F 222 /-</u></b>	<b><u>C09D 183 /-</u></b>	2017275112	<b><u>C12N 9 /-</u></b>
	2017262235	2017268787	2017271530	<b><u>C11D 3 /-</u></b>	2017252085
<b><u>C07D 307 /-</u></b>	<b><u>C07H 15 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C09D 5 /-</u></b>	2017275112	2017253089
2017274520	2017263377	2017275049	2017271530	<b><u>C12M 1 /-</u></b>	2017253107
	<b><u>C07H 19 /-</u></b>	2017298399		2017286168	2017257274
<b><u>C07D 401 /-</u></b>	2017273117	<b><u>C08G 65 /-</u></b>	<b><u>C09H 3 /-</u></b>	2017275112	2017266948
2017265219	2017273120	2017275049	2017266120	<b><u>C12M 1 /-</u></b>	2017277810
2017277596	2017279512	2017298399		2017268138	2017281684
2017282651	<b><u>C07H 21 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C09H 3 /-</u></b>	2017271661	2017286477
2017286380	2017270092	2017330685	2017266120	2017286677	<b><u>C12P 19 /-</u></b>
	2017279512	<b><u>C08J 7 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C12M 3 /-</u></b>	2017262776
<b><u>C07D 403 /-</u></b>	<b><u>C07H 3 /-</u></b>	2016404607	2017277654	2017268078	2017253089
2017265219	2017252563	<b><u>C08J 9 /-</u></b>	<b><u>C10B 53 /-</u></b>	<b><u>C12N 1 /-</u></b>	2017257274
2017269870		2017273484	2017270987	2016413572	2017266948
2017286370				2017267936	2017277810
			<b><u>C10G 1 /-</u></b>	2017269608	2017281684
<b><u>C07D 405 /-</u></b>			2017270987	2017272514	2017286477
2017269870				<b><u>C12N 15 /-</u></b>	<b><u>C12P 7 /-</u></b>
2017282651				2016404449	2017272514
					2017296386
<b><u>C07D 409 /-</u></b>					<b><u>C12Q 1 /-</u></b>
2017282651					2017252299
					2017262776
					2017264192
					2017269608
					2017273726
					2017274038
					2017289600

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2017290237 2017297185	<b><u>D06F 21 /-</u></b>	<b><u>E21B 17 /-</u></b>	2017268033 2017272386	<b><u>F16M 13 /-</u></b>	<b><u>F25D 3 /-</u></b>
<b><u>C22B 3 /-</u></b>	2017275112	2016423157	<b><u>F16B 12 /-</u></b>	2017257445	2017273116
2016405671	<b><u>D06F 33 /-</u></b>	2016425367			<b><u>F25J 1 /-</u></b>
<b><u>C22B 30 /-</u></b>	2017253449	2017277525	2016405264	<b><u>F16P 3 /-</u></b>	2017261926
2016405671	<b><u>D06F 37 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F16B 13 /-</u></b>	2017262385	<b><u>F25J 3 /-</u></b>
<b><u>C22B 34 /-</u></b>	2017253449	2017277525	2016405264	<b><u>F24D 10 /-</u></b>	2017270649
2016405671	<b><u>D06F 39 /-</u></b>	2018241088	2016406891	2017291785	<b><u>F28C 1 /-</u></b>
<b><u>C23F 11 /-</u></b>	2017253449	<b><u>E21B 21 /-</u></b>	<b><u>F16B 19 /-</u></b>	2017294400	
2017277654	<b><u>D21H 11 /-</u></b>	2016420115	2016406891	<b><u>F24D 11 /-</u></b>	2017271592
<b><u>C25B 1 /-</u></b>	2016409477	<b><u>E21B 23 /-</u></b>	<b><u>F16B 2 /-</u></b>	2017291785	<b><u>F28D 21 /-</u></b>
2016413470	<b><u>D21H 21 /-</u></b>	2016425367	2016406891	<b><u>F24D 19 /-</u></b>	2017261926
2017252650		<b><u>E21B 33 /-</u></b>	<b><u>F16B 5 /-</u></b>	2017291785	<b><u>F28D 7 /-</u></b>
2017258442	2016409478	2016414770	2016405264	<b><u>F24D 3 /-</u></b>	2017261926
2017285006	<b><u>D21H 27 /-</u></b>	2017277525	<b><u>F16C 11 /-</u></b>	2017291785	<b><u>F41H 1 /-</u></b>
<b><u>C25B 11 /-</u></b>	2016409477	<b><u>E21B 34 /-</u></b>	2017261340	2017294400	2017267605
2017252650	2016409478	<b><u>E21B 41 /-</u></b>	<b><u>F16C 32 /-</u></b>	<b><u>F24D 5 /-</u></b>	<b><u>F41H 5 /-</u></b>
2017257929	<b><u>E02B 1 /-</u></b>	2016414770	2017277892	2017294400	2017267605
2017257930	2016403932	<b><u>E21B 43 /-</u></b>	<b><u>F16C 37 /-</u></b>	<b><u>F24F 1 /-</u></b>	<b><u>F42D 3 /-</u></b>
2017258442	<b><u>E02D 3 /-</u></b>	2016420115	2017272386	2017252884	2017265930
<b><u>C25B 13 /-</u></b>	2016403932	2016423157	<b><u>F16D 27 /-</u></b>	2017253048	<b><u>G01B 11 /-</u></b>
2016413470	<b><u>E02F 9 /-</u></b>	2017272053	2017288125	2017254189	2017259206
2017260371	2017261340	2017272336	<b><u>F16F 15 /-</u></b>	2017252884	<b><u>G01D 4 /-</u></b>
2017285006	2017274298	2017273748	2017277892	2017253048	2017271591
<b><u>C25B 15 /-</u></b>	<b><u>E04C 2 /-</u></b>	2017274517	<b><u>F16K 11 /-</u></b>	2017254189	<b><u>G01D 9 /-</u></b>
2017257929	2017264502	2017277525	2017260142	2017281079	2017268266
2017257930	<b><u>E04D 3 /-</u></b>	2017286510	<b><u>F16K 27 /-</u></b>	<b><u>F24F 7 /-</u></b>	<b><u>G01G 19 /-</u></b>
<b><u>C25B 9 /-</u></b>	2017264502	2017298104	2017267945	2017271592	2017253013
2017260371	<b><u>E04D 3 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F16K 31 /-</u></b>	<b><u>F25B 15 /-</u></b>	<b><u>G01G 21 /-</u></b>
2017285006	2017264502	2017298104	2017267945	2017243323	2017253013
<b><u>C25C 1 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>E21B 47 /-</u></b>	2017267945	<b><u>F25B 39 /-</u></b>	<b><u>G01M 3 /-</u></b>
2016405671	2017296589	2016414770	<b><u>F16L 13 /-</u></b>	2017275466	2017259206
<b><u>C25D 11 /-</u></b>	<b><u>E04F 15 /-</u></b>	2016420115	<b><u>F16L 37 /-</u></b>	<b><u>F25C 3 /-</u></b>	2017268056
2017278095	2017296589	2016422603	2017267945	2017271592	<b><u>G01N 1 /-</u></b>
<b><u>C25D 3 /-</u></b>	<b><u>E04H 3 /-</u></b>	<b><u>E21B 7 /-</u></b>	<b><u>F16L 53 /-</u></b>	<b><u>F25D 11 /-</u></b>	2017248728
2017276799	2017295681	2016425367	2017273748	2017275466	2017266620
<b><u>C25D 7 /-</u></b>	<b><u>E05B 67 /-</u></b>	<b><u>E21F 5 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F25D 17 /-</u></b>	<b><u>G01N 13 /-</u></b>
2017258442	2017276840	2017271592	2017267178	2017275466	2017268138
<b><u>C40B 30 /-</u></b>	<b><u>E05F 15 /-</u></b>	<b><u>F04C 27 /-</u></b>	<b><u>F16L 37 /-</u></b>	2017275466	<b><u>G01N 19 /-</u></b>
2017262776	2017288991	2017266497	2017267945	<b><u>F25D 25 /-</u></b>	2017248728
<b><u>C40B 40 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F04D 25 /-</u></b>	<b><u>F16L 53 /-</u></b>	2017275466	
2017289600	2017288991	2017266310	2017273748	2017275466	
		2017266312	<b><u>F16L 55 /-</u></b>	2017275466	
		2017266310			
		2017266312	2017282029		

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<b><u>G01N 21 /-</u></b>		<b><u>G06F 11 /-</u></b>		<b><u>G07C 9 /-</u></b>	<b><u>H01L 31 /-</u></b>
2017277575		2017269280		2017285278	2017398661
2017297185	<b><u>G02B 27 /-</u></b>		<b><u>G06M 1 /-</u></b>		
	2017253708		2017266526		
	2017266212	<b><u>G06F 15 /-</u></b>		<b><u>G07F 11 /-</u></b>	<b><u>H01M 10 /-</u></b>
<b><u>G01N 25 /-</u></b>	2017273118	2017252624	<b><u>G06N 5 /-</u></b>	2017259975	2017263628
2017248728	<b><u>G02B 3 /-</u></b>		2017272336	2017268373	2017271220
		<b><u>G06F 17 /-</u></b>		<b><u>G07F 7 /-</u></b>	<b><u>H01M 4 /-</u></b>
<b><u>G01N 27 /-</u></b>	2017266212	2016407391	<b><u>G06Q 10 /-</u></b>	2017260091	2017258442
2017248728	<b><u>G02B 6 /-</u></b>	2017252624	2016407392		2017263628
2017260371	2017273118	2017256811	2017248777	<b><u>G08B 13 /-</u></b>	
	2017296153	2017266384	2017252624	2017276830	<b><u>H01M 6 /-</u></b>
<b><u>G01N 3 /-</u></b>		2017268266	2017268361		2017263628
2017277575	<b><u>G02C 7 /-</u></b>	2017268273	2017272367		
		2017269108		<b><u>G08B 25 /-</u></b>	
<b><u>G01N 33 /-</u></b>	2017263133	2017269110	<b><u>G06Q 20 /-</u></b>	2018260837	<b><u>H01M 8 /-</u></b>
	<b><u>G02F 1 /-</u></b>	2017272336	2016411667		2016413470
2017257278	2017283488	2017278258	2017250447	<b><u>G09B 23 /-</u></b>	2017271220
2017257680	2017404569	2017306243		2017281281	2017285006
2017264192		2018220034	<b><u>G06Q 30 /-</u></b>		
2017266330	<b><u>G03B 17 /-</u></b>	<b><u>G06F 19 /-</u></b>	2017250447		<b><u>H01Q 1 /-</u></b>
2017266331	2017263709	2016414770	2017253013	<b><u>G09B 9 /-</u></b>	2017294435
2017267166		2017254090	2017268361	2017281281	
2017270027	<b><u>G03B 35 /-</u></b>	2017268276	2017285278	<b><u>G09F 3 /-</u></b>	<b><u>H01Q 19 /-</u></b>
2017272608	2017266212	2017274412		2017272915	2017294435
2017278305		2017289600	<b><u>G06Q 40 /-</u></b>		
2017289600	<b><u>G03G 7 /-</u></b>	2017295681	2017274073	<b><u>G09F 7 /-</u></b>	<b><u>H01Q 5 /-</u></b>
<b><u>G01N 35 /-</u></b>	2017267656	<b><u>G06F 21 /-</u></b>		2017272915	2017294435
2017271661		2016407391	<b><u>G06Q 50 /-</u></b>		<b><u>H01Q 9 /-</u></b>
<b><u>G01N 7 /-</u></b>	2017267656	2017266971	2016407392	<b><u>G09G 3 /-</u></b>	2017294435
	<b><u>G04G 17 /-</u></b>	<b><u>G06F 3 /-</u></b>	2016411667	2016408326	
2017248728	2016408326	2017266526	2017272367	2017266815	<b><u>H01R 12 /-</u></b>
<b><u>G01N 9 /-</u></b>		2017267610	2017273702		2017281280
2017248728	<b><u>G04G 19 /-</u></b>	2017277848	2017295681	<b><u>G09G 5 /-</u></b>	
	2016408326	2018220034	2017301537	2017266933	<b><u>H01R 33 /-</u></b>
<b><u>G01R 33 /-</u></b>		2018260948	<b><u>G06T 1 /-</u></b>		2017268036
2017263013	<b><u>G04G 7 /-</u></b>	<b><u>G06F 7 /-</u></b>	2017301538	<b><u>G10L 15 /-</u></b>	
	2017279450	2014306129	<b><u>G06T 17 /-</u></b>	2017258454	<b><u>H01R 4 /-</u></b>
<b><u>G01S 15 /-</u></b>		2017268266	2017258279	2017286519	2017281280
2017281012	<b><u>G04G 9 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G06T 19 /-</u></b>	2018220034	
2017281280	2016408326	2017351024	2017267610		<b><u>H02K 11 /-</u></b>
<b><u>G01S 7 /-</u></b>	<b><u>G05B 13 /-</u></b>	<b><u>G06F 9 /-</u></b>		2017286519	2017269765
2017281012	2017298104	2017269108	<b><u>G06T 5 /-</u></b>	2018220034	
	<b><u>G05B 19 /-</u></b>	2017269595	2017252593	<b><u>H01B 1 /-</u></b>	<b><u>H02K 13 /-</u></b>
<b><u>G01T 1 /-</u></b>	2016414770	2017276777		2017283488	2017269765
2017306969	<b><u>G05B 23 /-</u></b>	2017351024	<b><u>G06T 7 /-</u></b>	<b><u>H01B 7 /-</u></b>	<b><u>H02K 16 /-</u></b>
	2017273702	2017352442	2016404824	2016407102	2017269765
<b><u>G01V 1 /-</u></b>		2017352446	2017269412		
2016422603	<b><u>G05D 1 /-</u></b>	<b><u>G06K 19 /-</u></b>	2017301538	<b><u>H01J 43 /-</u></b>	<b><u>H02K 5 /-</u></b>
	2017301537	2017295835	2017330339	2017276811	2017269765
<b><u>G01V 13 /-</u></b>	2017301538	<b><u>G06K 9 /-</u></b>		<b><u>H01J 49 /-</u></b>	<b><u>H02K 7 /-</u></b>
2017279450	2017330339	2016427827	<b><u>G07B 15 /-</u></b>	2017267392	2017269765
	<b><u>G06C 1 /-</u></b>	2017266384	2016411667		2017277892
<b><u>G01V 3 /-</u></b>	2017266526	2017266477	<b><u>G07C 5 /-</u></b>	<b><u>H01J 61 /-</u></b>	
2016422603		2017266971	2017268266		<b><u>H02P 21 /-</u></b>
<b><u>G02B 23 /-</u></b>		2017306243	2017268276	2017294544	2017304790
2017275862					

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2017268273	2017268276	2017269151 2017320216
<b><u>H04B 10 /-</u></b>	<b><u>H04Q 11 /-</u></b>	<b><u>H05K 7 /-</u></b>
2017260108	2017260108	2018223411
<b><u>H04B 17 /-</u></b>	<b><u>H04Q 3 /-</u></b>	
2017281246	2017407248	
<b><u>H04B 5 /-</u></b>	<b><u>H04Q 9 /-</u></b>	
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2017260108	2017268931 2017286519	
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2017262875	2017268930	
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2017281246	2017291216	
<b><u>H04L 29 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2016421889 2017262892 2017266971 2017267702 2017273371 2017285278	2017278177	
<b><u>H04L 5 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2017288143	2017261994 2017291216	
<b><u>H04L 9 /-</u></b>	<b><u>H04W 52 /-</u></b>	
2016421889 2017285278 2017299473	2017282924 2017282925	
<b><u>H04M 3 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2017407248	2017262892	
<b><u>H04N 1 /-</u></b>	<b><u>H04W 64 /-</u></b>	
2017266477	2017278177	
<b><u>H04N 19 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2017268705	2016406271 2017261798 2017291216	
<b><u>H04N 5 /-</u></b>	<b><u>H04W 92 /-</u></b>	
2017263709 2017268266	2017262892	
	<b><u>H05B 3 /-</u></b>	
	2017252078	

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**C07C 233/87** ( 2006.01 )  
**C07D 209/18** ( 2006.01 )  
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**A46B 13/00** ( 2006.01 )  
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**C11D 1/835** ( 2006.01 )  
**C11D 1/62** ( 2006.01 )  
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*B65D 77/20* ( 2006.01 )  
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*C07D 413/14* ( 2006.01 )  
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 A61P 29/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 403/12 ( 2006.01 )  
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 A61K 36/80 ( 2006.01 )  
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**B28B 11/16** ( 2006.01 )  
**C04B 16/06** ( 2006.01 )  
**C04B 28/02** ( 2006.01 )  
**E04D 1/04** ( 2006.01 )  
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**B28C 5/42** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**A47L 9/28** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )

**B25J 11/00** ( 2006.01 )  
**B25J 13/08** ( 2006.01 )  
**G05D 1/02** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
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*F02D 43/00* ( 2006.01 )  
*F16H 59/44* ( 2006.01 )  
*F16H 61/16* ( 2006.01 )  
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*C01F 11/00* ( 2006.01 )

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**G06T 17/05** ( 2011.01 )  
**G06F 15/10** ( 2006.01 )  
**G06F 17/18** ( 2006.01 )  
**G06F 17/50** ( 2006.01 )  
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**B65H 75/18** ( 2006.01 )  
**B65H 75/14** ( 2006.01 )  
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 2016-135746 08.07.16 JP  
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**(54)** Antimicrobial silver complex coated surface  
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**C23C 30/00** ( 2006.01 )  
**A61L 27/28** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 9/06** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
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**A61K 31/56** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
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**A61P 25/06** ( 2006.01 )  
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**A61K 39/17** ( 2006.01 )  
**A61K 39/255** ( 2006.01 )  
**A61K 39/275** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd

**(71)** Metanomics GmbH; Ruprecht-Karls-Universitaet Heidelberg  
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**(21)** 2016266098 **(22)** 02.12.2016  
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**G01N 33/92** ( 2006.01 )  
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 (54) Intelligent SIM selection supporting rich context of input factors  
 (51) Int. Cl.  
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 (43) 30.06.2016  
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 (74) FB Rice Pty Ltd

(71) Rheonix, Inc.  
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 (54) Channel-less pump, methods, and applications thereof  
 (51) Int. Cl.

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**F04B 43/04** ( 2006.01 )  
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**(43)** 28.05.2015  
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**(11)** AU-B-2015265799  
**(21)** 2015265799 **(22)** 18.05.2015  
**(54)** Method for treating seeds  
**(51)** Int. Cl.  
**A01C 1/06** ( 2006.01 )  
**(87)** WO2015/181453  
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**(43)** 03.12.2015  
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**(11)** AU-B-2017200229  
**(21)** 2017200229 **(22)** 13.01.2017  
**(54)** Method for identifying plant material that shows a reduced discolouration, plants thus identified and use of the identified plants for the production of commercial crop plants showing a reduced discolouration  
**(51)** Int. Cl.  
**A01H 5/12** ( 2006.01 )  
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**A61C 7/14** ( 2006.01 )  
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**(72)** Dupray, Dennis J.; Trinh, Nam Hoang; Smith, Jeffrey Allen  
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**B27B 5/29** ( 2006.01 )  
**B27B 5/22** ( 2006.01 )  
**F21K 9/60** ( 2016.01 )  
**F21V 33/00** ( 2006.01 )  
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**(72)** Laliberte, Eric; Szweda, Timothy; Volpert, Dieter  
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**(54)** SPINOUS PROCESS FIXATION APPARATUS AND METHOD  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**(43)** 16.11.2017  
**(44)** 06.12.2018  
**(62)** 2013248987  
**(72)** Robinson, James C.  
**(74)** Griffith Hack

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**(71)** Rohm and Haas Company; Dow Global Technologies LLC  
**(11)** AU-B-2017203514  
**(21)** 2017203514 **(22)** 26.05.2017  
**(54)** FLUOROALKYL PHOSPHONATE COMPOSITION  
**(51)** Int. Cl.  
**C09D 5/00** ( 2006.01 )  
**(43)** 15.06.2017  
**(44)** 06.12.2018  
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**(72)** Hejl, Andrew; Krasovskiy, Arkady; Majumdar, Partha; Winkle, Mark  
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**F04B 53/16** ( 2006.01 )  
**(87)** WO2016/015006  
**(31)** 62/095,689 **(32)** 22.12.14 **(33)** US  
 62/029,271 25.07.14 US  
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**(43)** 28.01.2016  
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**(74)** Davies Collison Cave Pty Ltd

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**(54)** Power frame assembly for reciprocating pump  
**(51)** Int. Cl.  
**F04B 53/14** ( 2006.01 )  
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**(11)** AU-B-2015347519  
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**(54)** Duct type air conditioning device and method for assembling and disassembling the same  
**(51)** Int. Cl.  
**F24F 13/02** ( 2006.01 )  
**F24F 13/20** ( 2006.01 )  
**(87)** WO2016/076566  
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**(43)** 19.05.2016  
**(44)** 06.12.2018  
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**(74)** Phillips Ormonde Fitzpatrick

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**(11)** AU-B-2014213687  
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**(54)** Immuno imaging agent for use with antibody-drug conjugate therapy  
**(51)** Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
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**(44)** 06.12.2018  
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**(74)** Watermark Intellectual Property Pty Ltd

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**(11)** AU-B-2015410277  
**(21)** 2015410277 **(22)** 25.09.2015  
**(54)** Pump with a polymer spring  
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**A47K 5/12** ( 2006.01 )  
**B05B 11/00** ( 2006.01 )  
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 (21) 2015200848 (22) 19.02.2015  
 (54) Detecting a fault, in particular a transient fault, in an electrical network  
 (51) Int. Cl.  
*H02H 1/04* ( 2006.01 )  
 (31) 1451344 (32) 20.02.14 (33) FR  
 (43) 03.09.2015  
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(71) Seidae Industrial Co., Ltd.  
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 (54) End cap for showcase roller shelf  
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 (54) Intermediate film for laminated glass, method for manufacturing intermediate film for laminated glass, and laminated glass  
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*C03C 27/12* ( 2006.01 )  
*B32B 7/02* ( 2006.01 )  
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 (54) MINING METHODS AND EQUIPMENT  
 (51) Int. Cl.  
*E21D 15/44* ( 2006.01 )  
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 (11) AU-B-2014399359

(21) 2014399359 (22) 04.07.2014  
 (54) Methods, devices, and computer programs for compensating nonlinearities of a communication channel  
 (51) Int. Cl.  
*H04L 5/06* ( 2006.01 )  
*H04L 27/36* ( 2006.01 )  
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 (51) Int. Cl.  
*G01N 21/31* ( 2006.01 )  
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 (74) Madderns Patent & Trade Mark Attorneys

(71) Shionogi Inc.  
 (11) AU-B-2016229086  
 (21) 2016229086 (22) 10.03.2016  
 (54) Solid dispersions  
 (51) Int. Cl.  
*A61K 31/075* ( 2006.01 )  
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*A61K 47/58* ( 2017.01 )  
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 (74) WRAYS PTY LTD

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 (51) Int. Cl.  
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 (54) Printed circuit board power cell with isolation and medium voltage multi-cell power supply  
 (51) Int. Cl.  
*H02M 7/00* ( 2006.01 )  
*H02M 7/483* ( 2007.01 )  
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(71) Sigma-Aldrich Co. LLC  
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 (54) CRISPR-BASED GENOME MODIFICATION AND REGULATION  
 (51) Int. Cl.  
*C12N 15/10* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*C12N 9/22* ( 2006.01 )  
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(71) SKINS INTERNATIONAL TRADING AG  
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 (21) 2017204364 (22) 27.06.2017  
 (54) Compression Garment and Method of Manufacture  
 (51) Int. Cl.  
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 (54) Surfing wave pool using ship waves  
 (51) Int. Cl.  
*E04H 4/00* ( 2006.01 )  
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 (43) 23.08.2018  
 (44) 06.12.2018  
 (72) Schmied, Steven Anthony  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

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 (54) Porous implant structures  
 (51) Int. Cl.  
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 (74) Davies Collison Cave Pty Ltd

(71) Snapbac, LLC  
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 (21) 2015200754 (22) 16.02.2015  
 (54) Thermal Therapy Apparel  
 (51) Int. Cl.  
*A61F 7/02* ( 2006.01 )  
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 (31) 14/186,269 (32) 21.02.14 (33) US  
 (43) 10.09.2015  
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 (72) Bello, Kevin; Nilforushan, Ali  
 (74) John Christiansen

(71) Sony Corporation  
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 (54) Information processing device, communication system and information processing method  
 (51) Int. Cl.  
*H04W 28/04* ( 2009.01 )  
*H04L 1/00* ( 2006.01 )  
*H04W 28/06* ( 2009.01 )  
*H04W 84/12* ( 2009.01 )  
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 (72) Sakai, Eisuke; Itagaki, Takeshi; Sakoda, Kazuyuki; Yamaura, Tomoya  
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(71) Sony Corporation  
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 (54) Method and apparatus for wireless LAN access using SIM  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*H04W 12/06* ( 2009.01 )  
*H04W 52/02* ( 2009.01 )  
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 (72) ITOH, Katsutoshi; EHARA, Tadashi; SUZUKI, Hideyuki  
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(71) Sony Corporation  
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 (54) Wireless communication system and method therein  
 (51) Int. Cl.  
*H04W 76/00* ( 2018.01 )  
 (43) 15.12.2016  
 (44) 06.12.2018  
 (62) 2014352364  
 (72) QIN, Zhongbin  
 (74) Spruson & Ferguson

(71) Sooar (Beijing) Investment Management Group Co., Ltd.  
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 (54) Contact system and contactor comprising contact system  
 (51) Int. Cl.  
*H01H 50/54* ( 2006.01 )  
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 (72) Nan, Yin; Meng, Lingqian; Wang, Congli; Zhang, Mingliang  
 (74) Baldwins Intellectual Property

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 IS  
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 (21) 2015263121 (22) 20.05.2015  
 (54) Chemical compounds and use thereof for improving muscular quality  
 (51) Int. Cl.  
*C07J 5/00* ( 2006.01 )  
*A61K 31/57* ( 2006.01 )  
*A61K 31/573* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 21/06* ( 2006.01 )  
*C07J 17/00* ( 2006.01 )  
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*C07J 41/00* ( 2006.01 )  
*C07J 43/00* ( 2006.01 )  
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 (54) Spray dried compositions having different dissolution profiles and processes for their preparation  
 (51) Int. Cl.  
*A61K 9/20* ( 2006.01 )  
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*A61K 31/165* ( 2006.01 )  
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 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
*A47J 36/02* ( 2006.01 )  
*A47J 36/04* ( 2006.01 )  
*A47J 45/06* ( 2006.01 )  
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(71) Starlogik IP LLC  
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 (54) Networking between VOIP -and PSTN-calls  
 (51) Int. Cl.  
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*H04M 7/00* ( 2006.01 )  
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(71) Statoil Petroleum AS  
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 (54) Combined Dehydration of Gas and Inhibition of Liquid from a Well Stream  
 (51) Int. Cl.  
*C10L 3/08* ( 2006.01 )  
*C10L 3/10* ( 2006.01 )  
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(71) Sony Corporation  
 (11) AU-B-2016244334

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(71) Stein Seal Company  
 (11) AU-B-2016385377  
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 (54) Slurry seal assembly  
 (51) Int. Cl.  
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*F04D 7/04* ( 2006.01 )  
*F16J 15/16* ( 2006.01 )  
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 (72) Vasagar, Thurai Manik  
 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Voltage clipping  
 (51) Int. Cl.  
*H02S 50/00* ( 2014.01 )  
*G01R 19/165* ( 2006.01 )  
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*C07D 261/14* ( 2006.01 )  
*A61K 31/422* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 31/4439* ( 2006.01 )  
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**C05F 11/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02J 7/14** ( 2006.01 )  
**B60R 16/00** ( 2006.01 )  
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**(54)** Deoxycytidine kinase inhibitors  
**(51)** Int. Cl.  
**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
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 GENERATION AND SINGLE CELL EN-  
 CAPSULATION DRIVEN BY INDUCED  
 CAVITATION  
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**G01N 1/28** ( 2006.01 )  
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**(54)** Thermal control apparatus  
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**A61P 19/00** ( 2006.01 )  
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**(11)** AU-B-2015255845  
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**(54)** Implant fixation assemblies having a screw and C-shaped fixation collar  
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**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
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**C12N 15/02** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
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**(71)** Universiteit Gent  
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**C08G 73/02** ( 2006.01 )  
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**(71)** Universite Paris-Sud 11; Centre Hospitalier Universitaire de Toulouse; Pierre Fabre Dermo-Cosmetique

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**(51)** Int. Cl.

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**(51)** Int. Cl.  
**A61C 8/00** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Xyleco, Inc.  
 (11) AU-B-2017200443  
 (21) 2017200443 (22) 23.01.2017  
 (54) Processing biomass

(51) Int. Cl.  
**C08L 97/02** ( 2006.01 )  
**C08H 8/00** ( 2010.01 )  
**C12P 7/10** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )  
 (43) 16.02.2017  
 (44) 06.12.2018  
 (62) 2015205897  
 (72) MEDOFF, Marshall; MASTERMAN, Thomas  
 (74) Spruson & Ferguson

(71) Xylem IP Management S.a r.l.  
 (11) AU-B-2016223778  
 (21) 2016223778 (22) 15.01.2016  
 (54) Ozone generator with position-dependent discharge distribution

(51) Int. Cl.  
**C01B 13/11** ( 2006.01 )  
**H01T 19/00** ( 2006.01 )  
 (87) WO2016/134880  
 (31) 10 2015 002 103.6 (32) 23.02.15 (33) DE  
 (43) 01.09.2016  
 (44) 06.12.2018  
 (72) Fiekens, Ralf; Fietzek, Reiner; Salvermoser, Manfred; Bruggemann, Nicole  
 (74) Davies Collison Cave Pty Ltd

(71) Yi Fan Pharmaceutical Academy (Beijing) Co., Ltd.; Yifan Pharmaceutical Co., Ltd.  
 (11) AU-B-2016370126  
 (21) 2016370126 (22) 08.04.2016  
 (54) Medicine composition for treating leukemia and preparation method therefor

(51) Int. Cl.  
**A61K 36/704** ( 2006.01 )  
**A61K 33/36** ( 2006.01 )  
**A61K 36/19** ( 2006.01 )  
**A61K 36/315** ( 2006.01 )  
**A61K 36/36** ( 2006.01 )  
**A61K 36/537** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2017/101236  
 (31) 201510955934.5 (32) 17.12.15 (33) CN  
 (43) 22.06.2017  
 (44) 06.12.2018  
 (72) Cheng, Xianfeng; Zhou, Wenyan; Liang, Xiaodong; Qian, Liping  
 (74) Madder's Patent & Trade Mark Attorneys

Applications Accepted - Name Index cont'd

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**Yifan Pharmaceutical Co., Ltd. see Yi Fan Pharmaceutical Academy (Beijing) Co., Ltd.**  
**(21)** 2016370126

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**Yungjin Pharmaceutical Co., Ltd. see Korea Research Institute Of Bioscience And Biotechnology**  
**(21)** 2014251492

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**(71)** Zhejiang Dingli Machinery Co., LTD.  
**(11)** AU-B-2017216522  
**(21)** 2017216522 **(22)** 17.08.2017  
**(54)** Telescopic connection component and aerial work platform  
**(51)** Int. Cl.  
**B66F 11/04** ( 2006.01 )  
**(31)** 2016107262540 **(32)** 24.08.16 **(33)** CN  
**(43)** 15.03.2018  
**(44)** 06.12.2018  
**(72)** Xu, Shugen  
**(74)** Shelston IP Pty Ltd.

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**(71)** Zhongshan Newtown Housechem Co. Ltd; Ma, G.; Burgis, Wayne Desmond  
**(11)** AU-B-2018218188  
**(21)** 2018218188 **(22)** 09.02.2018  
**(54)** Lavatory cleansing block  
**(51)** Int. Cl.  
**C11D 7/28** ( 2006.01 )  
**A61L 9/05** ( 2006.01 )  
**C11D 3/24** ( 2006.01 )  
**C11D 3/48** ( 2006.01 )  
**C11D 17/00** ( 2006.01 )  
**(87)** WO2018/145165  
**(31)** 2017900675 **(32)** 28.02.17 **(33)** AU  
 2017900436 10.02.17 AU  
**(43)** 16.08.2018  
**(44)** 06.12.2018  
**(72)** Ma, Guodong; Burgis, Wayne Desmond  
**(74)** Michael Buck IP

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**(71)** Zhuhai Yuren Agricultural Aviation Co., Ltd.  
**(11)** AU-B-2016238986  
**(21)** 2016238986 **(22)** 27.01.2016  
**(54)** Multi-functional flying platform  
**(51)** Int. Cl.  
**B64C 27/10** ( 2006.01 )  
**B64C 27/08** ( 2006.01 )  
**B64D 47/00** ( 2006.01 )  
**H02K 9/00** ( 2006.01 )  
**(87)** WO2016/155400  
**(31)** 201520730921.3 **(32)** 21.09.15 **(33)** CN  
 201520187840.3 31.03.15 CN  
**(43)** 06.10.2016  
**(44)** 06.12.2018  
**(72)** Chen, Bo  
**(74)** Madderns Patent & Trade Mark Attorneys

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**(71)** Zogenix, Inc.; Durect Corporation  
**(11)** AU-B-2014249008  
**(21)** 2014249008 **(22)** 11.03.2014

**(54)** Injectable controlled release composition comprising high viscosity liquid carrier  
**(51)** Int. Cl.  
**A61K 9/06** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**(87)** WO2014/164754  
**(31)** 61/798,874 **(32)** 15.03.13 **(33)** US  
 61/776,336 11.03.13 US  
 61/824,827 17.05.13 US  
**(43)** 09.10.2014  
**(44)** 06.12.2018  
**(72)** Wright, Jeremy C.; Tamraz, Wilma; Leonard, John J.; Gibson, John W.; Branham, Keith E.; Sjobeck, Stefania; Boyd, Brooks; Rubino, Christopher M.  
**(74)** FB Rice Pty Ltd

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**Zou, M. see Wei, X.**  
**(21)** 2015271405

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2012376012	Advanta International BV	2014240243	Doust, P.
2013205917	Wang, J.	2014241259	Coherus Biosciences, Inc.
2013206546	General Electric Company	2014241903	DePuy Synthes Products, Inc.
2013243300	The Regents of the University of California; Oregon Health & Science University	2014243925	Wayne State University
2013246617	Prediction Biosciences S.A.S.	2014243951	Baxter International Inc.; Baxter Healthcare SA
2013276345	Angany Genetics	2014244057	Autoimmune Technologies, LLC; The Administrators of the Tulane Educational Fund
2013279297	LifeScan Scotland Limited	2014244137	Bandura, LLC
2013291047	Toray Industries, Inc.	2014247122	Nestec S.A.
2013291051	Toray Industries, Inc.	2014248455	Pulmatrix Operating Company, Inc.
2013302535	Bangladesh Jute Research Institute	2014248928	Context Biopharma Inc.
2013304963	DLF Trifolium A/S	2014249008	Zogenix, Inc.; Durect Corporation
2013315552	KCI Licensing, Inc.	2014249909	CareFusion 303, Inc.
2013318942	Muscle Corporation	2014250542	Teijin Pharma Limited
2013331156	Google LLC	2014251039	APAMA MEDICAL, INC.
2013334635	Becton, Dickinson and Company	2014251492	Korea Research Institute Of Bioscience And Biotechnology; Yungjin Pharmaceutical Co., Ltd.
2013344626	Ethicon Endo-Surgery, Inc.	2014252252	Cogisen Srl
2013350261	Nepetx, LLC	2014256425	Covidien LP
2013352156	Children's Medical Center Corporation	2014257019	Hologic, Inc.
2013353764	AMO Groningen B.V.	2014259106	Pedarco International Limited
2013354356	Nestec S.A.	2014259598	Becton, Dickinson and Company
2013355363	Ferno-Washington, Inc.	2014260023	Abbott Diabetes Care Inc.
2013355648	HP Printing Korea Co., Ltd.	2014268297	Premier Biotech, Inc.
2013370955	Abraxis BioScience, LLC	2014271263	General Electric Company
2013371462	Qiagen Sciences, LLC	2014272088	Ono & Co., Ltd.; Matsumoto, N.
2013380600	Valvulas Arco, S.L.	2014274784	Profusa, Inc.
2013393566	KONE Corporation	2014276885	Bayer AS
2013394431	Compac Technologies Limited	2014280964	GNA Biosolutions GmbH
2013396735	Electrolux Appliances Aktiebolag	2014289153	Universite Paris-Sud 11; Centre Hospitalier Universitaire de Toulouse; Pierre Fabre Dermo-Cosmetique
2013396776	Electrolux Appliances Aktiebolag	2014292605	The Hong Kong University of Science and Technology
2013397276	Biofiltro S.p.A.	2014298461	Essilor International
2013399815	COSSINGTON LIMITED	2014302122	Amgen Inc.
2014200880	Depuy Ireland Unlimited Company	2014302194	Nuvera Fuel Cells, LLC
2014201272	Depuy Ireland Unlimited Company	2014302507	Ionic Solutions Ltd.
2014203151	Azuma Design Pty Limited	2014302715	Alios BioPharma, Inc.
2014203308	Covidien LP	2014306232	Cook Medical Technologies LLC
2014203318	Flinders Ports Pty Limited	2014306673	The Regents of the University of California; The Board of Trustees of the University of Illinois
2014203332	Covidien LP	2014308616	NeuPharma, Inc.
2014206149	Next Generation Mobility Pty Ltd	2014308655	Osprey Medical, Inc.
2014207245	HERIOT EYECARE PTY. LTD.	2014311219	The Royal Institution for the Advancement of Learning/McGill University
2014207342	Foundation Medicine, Inc.	2014311591	Cameron Solutions, Inc.
2014207549	Xencor, Inc.	2014314301	Electrolux Appliances Aktiebolag
2014213687	Sanofi	2014315070	President and Fellows of Harvard College
2014217616	Tetrosyl Limited	2014315359	Covidien LP
2014218938	Golden Biotechnology Corporation	2014316769	Omnimist, Ltd.
2014219382	Levelena Enterprises, Inc.	2014316789	MBDA UK Limited
2014223373	JAZZ PHARMACEUTICALS IRELAND LIMITED	2014318211	Radiancy Inc.
2014223409	Ferno-Washington, Inc.	2014318741	Merck Sharp & Dohme Corp.
2014225889	Allosteros Therapeutics, Inc.	2014322988	Westfaelische Wilhelms-Universitaet Muenster
2014226001	Allergan, Inc.	2014324098	Atlas Copco Airpower, naamloze vennootschap
2014227598	Braintree Laboratories, Inc.	2014324650	Allergan, Inc.
2014228035	60 Degrees Pharmaceuticals LLC; Singapore Health Services Pte Ltd; National University of Singapore	2014326649	CEJN AB
2014228172	AbbVie Inc.; AbbVie Deutschland GmbH & Co.KG	2014330888	Teleflex Life Sciences
2014228851	Bayer Healthcare, LLC.	2014331824	Qualcomm Incorporated
2014230253	Implantica Patent Ltd.	2014334554	Eisai R&D Management Co., Ltd.
2014233191	DePuy Synthes Products, Inc.	2014334786	Cannon Technology, Inc.
2014233518	DePuy Synthes Products, Inc.	2014336415	SICPA HOLDING SA
2014233622	DePuy Mitek, LLC	2014337298	Indiana University Research and Technology Corporation
2014233687	Hologic, Inc.	2014339753	Icee Holdings Pty. Ltd.
2014234684	TRON - Translationale Onkologie an der Universitaetsmedizin der Johannes Gutenberg-Universitaet Mainz Gemeinnutzige GmbH; Ganymed Pharmaceuticals AG	2014340080	Lubris LLC
2014236424	The Mosaic Company	2014342892	Becton, Dickinson and Company
2014236805	Hologic, Inc.	2014344792	Onesteel Wire Pty Limited
2014237679	Biomet Biologics, LLC	2014352964	Rheonix, Inc.
2014237819	Donaldson Company, Inc.		
2014239164	Cedars-Sinai Medical Center		

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2014354580	Autoscan Systems Pty Ltd	2015249886	Tetra Laval Holdings & Finance S.A.
2014354716	Alcon Pharmaceuticals Ltd.	2015250792	Petroleum Technology Company AS
2014356209	EM&I (Maritime) Limited	2015253463	Omeros Corporation
2014356273	Orege	2015254616	Chromaflo Technologies Europe B.V.
2014363002	Coal Milling Projects (Pty) Limited	2015255814	BioTrace Medical, Inc.
2014363852	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	2015255845	Titan Spine, Inc.
2014364597	SunPower Corporation	2015259731	Caterpillar Inc.
2014364693	Novassay SA	2015261009	Tricoya Technologies Ltd
2014365888	Merck Patent GmbH	2015262012	Deuerer, H.
2014367410	Vanderlande Industries B.V.	2015262094	FrieslandCampina Nederland B.V.
2014368384	Oriel Seasalt Company Limited	2015263121	SORBONNE UNIVERSITE; BIOPHYTIS
2014368994	Aerosol Therapeutics, LLC	2015263252	Interquim, S.A.
2014369084	Phytech Ltd.	2015264604	Qualcomm Incorporated
2014369364	Kimberly-Clark Worldwide, Inc.	2015264605	Qualcomm Incorporated
2014385769	Microsoft Technology Licensing, LLC	2015265782	Tecteco Security Systems, S.L.
2014388923	Provides Metalmeccanica S.r.l.	2015265799	Rhodia Operations; Aegilops Applications
2014390004	Empire Technology Development LLC	2015269952	Unicharm Corporation
2014398811	KHS GmbH	2015271405	Wei, X.; Zou, M.
2014399359	SES S.A.	2015273526	Givaudan SA
2014401013	Italtractor ITM S.p.A.	2015275098	SpecGx LLC
2014407671	TCM Biosciences Inc.	2015278539	CTMC CO., LTD.
2014409915	Changchun University of Science and Technology	2015278833	Medytox Inc.
2014411891	Huawei Technologies Co., Ltd.	2015282304	NBC Meshtec Inc.
2014413658	Halliburton Energy Services, Inc.	2015282389	ArcelorMittal
2015200754	Snapbac, LLC	2015283976	Fiber Mountain, Inc.
2015200848	Schneider Electric Industries SAS	2015286295	Sony Corporation
2015200868	Ford Global Technologies, LLC	2015286794	Dab Pumps S.p.A.
2015201090	Ford Global Technologies. LLC	2015287598	Mahfouz, M.
2015201184	Hoover Limited	2015287965	8 Rivers Capital, LLC
2015201397	Valsir S.p.A.	2015288412	Cultivation Systems B.V.
2015201455	GUANGZHOU AUSTRALIAN EUCALYPTUS TIMBER FLOORING CO LTD	2015289329	Universiteit Gent
2015201833	Ford Global Technologies, LLC	2015289756	Itron Global SARL
2015201868	General Electric Company	2015291522	Sunshine Lake Pharma Co., Ltd.
2015202155	Move Yourself Trailer Hire Pty Ltd	2015292348	S.P.M. Flow Control, Inc.
2015202170	Transtech Research Pty Ltd	2015292399	S.P.M. Flow Control, Inc.
2015202309	Johnson & Johnson Consumer Companies, Inc.	2015292856	Henkel IP & Holding GmbH
2015203277	Ems-Patent AG	2015298469	Illumina Cambridge Limited
2015204778	Panavision International, L.P.	2015305566	3M Innovative Properties Company
2015206642	United States Gypsum Company	2015306495	Tönnjes ISI Patent Holding GmbH
2015208422	Erbacher, C.	2015311984	AGCO Corporation
2015212307	Praharaju Laxminarayana; Kumar Singh, A.	2015312293	Illinois Tool Works Inc.
2015212801	Paqell B.V.	2015320574	Janssen Vaccines & Prevention B.V.; Beth Israel Deaconess Medical Center, Inc.
2015213241	The Australian National University	2015321468	Amazon Technologies, Inc.
2015213795	PDX Technologies LLC	2015323139	Nikon Corporation
2015214041	GOJO Industries, Inc.	2015323230	Panasonic Intellectual Property Management Co., Ltd.
2015215042	Chr. Hansen A/S	2015323439	Medacta International SA
2015216438	Takeda Pharmaceutical Company Limited	2015324072	The Penn State Research Foundation
2015217386	Univation Technologies, LLC	2015325717	Toray Industries, Inc.
2015217387	Univation Technologies, LLC	2015327511	BGI Shenzhen
2015219337	Frank's International, LLC	2015330716	Merial Inc.
2015220585	Lohr Electromecanique	2015330900	University of Washington
2015229860	Endurant Systems, LLC	2015333907	Qualcomm Incorporated
2015230105	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	2015334175	BOSCH CORPORATION
2015230680	Golstone Pty Ltd	2015335727	Facebook, Inc.
2015230729	Bayer Australia Ltd	2015338054	KYB Corporation
2015231396	Bayer HealthCare LLC	2015340305	Karus Therapeutics Ltd
2015233654	Boehringer Ingelheim International GmbH	2015340758	Planet GDZ AG
2015234383	Deere & Company	2015342461	CRRC YANGTZE CO., LTD
2015238905	ALSTOM Transport Technologies	2015347519	Samsung Electronics Co., Ltd.
2015241429	iRobot Corporation	2015350559	Antecip Bioventures II LLC
2015241806	Mitsubishi Materials Corporation	2015354388	Embertec Pty Ltd
2015242931	Sekisui Chemical Co., Ltd.	2015356145	Mitsubishi Electric Corporation
2015244191	Microsoft Technology Licensing, LLC	2015357838	NETZSCH Pumpen & Systeme GmbH
2015245551	Instant Seed GmbH	2015358521	ITRON GLOBAL SARL
2015246209	Tarkett GDL	2015359627	Inventio AG
2015246210	Tarkett GDL	2015359629	Inventio AG
2015246386	Grunenthal GmbH	2015359630	Inventio AG
2015246646	Peabody Energy Australia Pty Ltd	2015365707	Dyson Technology Limited
2015248934	Hilti Aktiengesellschaft	2015368248	Seidae Industrial Co., Ltd.
		2015368856	Takahashi, K.
		2015372408	Red Bull GmbH

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2015375479	ExxonMobil Upstream Research Company	2016265948	The Board of Trustees of the Leland Stanford Junior University; The Regents of the University of California; Alkahest, Inc.; U.S. Government as represented by the Department of Veterans Affairs
2015377256	Halliburton Energy Services, Inc.	2016265989	Starlogik IP LLC
2015377578	MITSUBISHI ELECTRIC CORPORATION	2016266009	INSTITUT CATALANA DE RECERCA I ESTUDIS; FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)
2015378403	Techtronic Industries Company Limited	2016266018	ABB Schweiz AG
2015382419	Halliburton Energy Services, Inc.	2016266075	Thermo Gamma-Metrics Pty Ltd
2015385797	Halliburton Energy Services, Inc.	2016266097	Thermo Gamma-Metrics Pty Ltd
2015385798	Halliburton Energy Services, Inc.	2016266098	Metanomics GmbH; Ruprecht-Karls-Universitaet Heidelberg
2015387145	The Boots Company plc	2016266963	Dyson Technology Limited
2015390010	Noble Drilling Services Inc.	2016269516	Liu, S.
2015392069	Halliburton Energy Services, Inc.	2016269555	The NOCO Company
2015392099	Halliburton Energy Services, Inc.	2016269636	Fuji Seal International, Inc.
2015395021	Huawei Technologies Co., Ltd.	2016270874	TaiRx, Inc.
2015399336	Telefonaktiebolaget LM Ericsson (publ)	2016272044	Ospedale San Raffaele Srl
2015399431	Essity Hygiene and Health Aktiebolag	2016273816	DC Solutions Australia Pty Ltd
2015399432	Essity Hygiene and Health Aktiebolag	2016273860	Siemens Aktiengesellschaft
2015405226	Mitsubishi Electric Corporation	2016273911	LifeQ Global Limited
2015406117	Colgate-Palmolive Company	2016274851	Tsuda, M.
2015407432	Jiangxi JDL Environmental Protection Co., Ltd.	2016275688	101288550 Saskatchewan Ltd.
2015407794	Jiangxi JDL Environmental Protection Co., Ltd.	2016277336	Medproject Pharma-Entwicklungs- und Vertriebsgesellschaft MbH
2015410277	SCA Hygiene Products AB	2016277562	Novus International Inc.
2015411559	Colgate-Palmolive Company	2016277585	X Development LLC
2016200723	Domain Surgical, Inc.	2016278742	Fronius International GmbH
2016202715	e-Vision Smart Optics, Inc.	2016278951	Motorola Solutions, Inc.
2016203951	The Texas A&M University System	2016282010	Kawasaki Jukogyo Kabushiki Kaisha
2016204992	Liu, S.	2016282309	Unilever PLC
2016205443	Weatherford Technology Holdings, LLC	2016283974	ELC Management LLC
2016210768	Bioverativ Therapeutics Inc.; Puget Sound Blood Center	2016284236	Shanxi Zhendong Ante Biopharmaceutical Co., Ltd
2016211072	Kemira Oyj	2016284841	Unilever PLC
2016213732	RMO, Inc.	2016284962	LG Electronics Inc.
2016213764	Benedict, A.	2016285390	ExxonMobil Chemical Patents Inc.
2016215234	Northrop Grumman Systems Corporation	2016286769	Mitsubishi Hitachi Power Systems, Ltd.
2016215616	Apple Inc.	2016294152	IronRidge, Inc.
2016216286	LG Electronics Inc.	2016294893	Max Co., Ltd.
2016219228	Qualcomm Incorporated	2016296196	W & H Dentalwerk Bürmoos GmbH
2016219584	PAOLO GOBBI FRATTINI S.R.L.	2016296612	Spectrum Brands, Inc.
2016220308	Manufacturing Resources International, Inc.	2016297311	Ensol Biosciences Inc.
2016223211	Coiled Tubing Specialties, LLC	2016297399	Hangzhou Yameilijia Technology Co., Ltd.
2016223778	Xylem IP Management S.a r.l.	2016297562	Cameron Health Inc.
2016227750	Interwell AS	2016301082	LG Electronics Inc.
2016229021	Robert Bosch GmbH	2016307114	Packable B.V.
2016229086	Shionogi Inc.	2016312259	Bison Therapeutics Inc.
2016231621	Costain Oil, Gas & Process Limited	2016313500	Ecolab USA Inc.
2016232985	New Zealand Box Limited	2016316408	Oncocross Co. Ltd.
2016234990	LG Electronics Inc.	2016318966	Siemens Aktiengesellschaft
2016234996	The Regents of the University of California	2016320290	JX Nippon Mining & Metals Corporation
2016238986	Zhuhai Yuren Agricultural Aviation Co., Ltd.	2016320690	CPG Technologies, LLC.
2016244177	Aerovironment, Inc.	2016327484	Act-For Co.,Ltd.; University of Occupational and Environmental Health, Japan
2016244260	Marine Canada Acquisition Inc.	2016330141	OLKO-Maschinentechnik GmbH
2016244334	Sony Corporation	2016331892	Illinois Tool Works Inc.
2016247160	GALERA LABS, LLC	2016336689	Soar (Beijing) Investment Management Group Co., Ltd.
2016247225	Encite LLC	2016341870	Colgate-Palmolive Company
2016250403	INTEZYNE TECHNOLOGIES, INC	2016344316	PRC-DeSoto International, Inc.
2016253541	Aerovironment, Inc.	2016344366	Colgate-Palmolive Company
2016253576	Philip Morris Products S.A.	2016344433	Eli Lilly and Company
2016253603	General Electric Company	2016351311	Peking University People's Hospital
2016253668	CLS Pharmaceuticals, Inc.	2016354568	Ecolab USA Inc.
2016253789	Daewoong Co., Ltd.	2016355390	Lenkbar, LLC
2016254871	Baker Hughes, a GE Company, LLC	2016361158	Northrop Grumman Systems Corporation
2016255372	Wagner Spray Tech Corporation	2016364680	Neuronano AB
2016256363	MASTERCARD INTERNATIONAL INCORPORATED	2016364985	Google LLC
2016256424	Baker Hughes, a GE Company, LLC	2016370126	Yi Fan Pharmaceutical Academy (Beijing) Co., Ltd.; Yi-fan Pharmaceutical Co., Ltd.
2016256711	Weatherford Technology Holdings, LLC	2016385377	Stein Seal Company
2016261174	Highlife SAS		
2016262685	Sony Corporation		
2016262726	Cyrex Laboratories, LLC		
2016262744	COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD.		
2016262752	Microsoft Technology Licensing, LLC		
2016262783	Dolby International AB		
2016263156	GlaxoSmithKline Intellectual Property Development Limited		
2016263381	Naturedyne Inc.		

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2016387301	Dyson Technology Limited	2017251684	Smartpark Technologies LLC
2016387662	Nanjing Chervon Industry Co., Ltd.	2017251776	Abiomed, Inc.
2016395149	Ishida Co., Ltd.	2017252590	Coopervision International Holding Company, LP
2016413311	Unicharm Corporation	2017254954	KAP Medical
2017200097	ALLEGIANCE CORPORATION	2017254972	Hydroxsys Holding Limited
2017200154	Kao, J.	2017258887	Cryovac, Inc.
2017200191	Autoslide Pty Ltd	2017261538	Statoil Petroleum AS
2017200229	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2017264981	Toyota Jidosha Kabushiki Kaisha
2017200281	LYKERA BIOMED SA	2017268563	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017200394	Biogen MA Inc.	2017268566	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017200443	Xyleco, Inc.	2017272278	Komatsu Ltd.
2017200514	Velos Media International Limited	2017276189	Inturrisi, C.; Manfredi, P.
2017200776	Morris Corporation	2017339632	Detnet South Africa (Pty) Ltd
2017200945	Day, T.	2018200191	Ecolab USA Inc.
2017201026	Terrasimco Inc.	2018200317	EIS GmbH
2017201063	Magic Leap, Inc.	2018200443	Google LLC
2017201144	THE CHEMOURS COMPANY FC, LLC.	2018200764	Jet Medical, Inc.
2017201248	Wirtgen GmbH	2018200853	Abiomed, Inc.
2017201366	BLY IP INC.	2018201479	Dolby International AB
2017201466	Innovations Development Australia Pty Ltd	2018201691	Accenture Global Solutions Limited
2017201485	Anthrogenesis Corporation	2018201825	Tripod Technology Corporation
2017201545	International Electronic Machines Corporation	2018202045	Heraeus Medical GmbH
2017201654	KRAFT FOODS R&D, INC.	2018203128	Pulse Biosciences, Inc.
2017201673	Google LLC	2018203570	Accenture Global Solutions Limited
2017201768	Apple Inc.	2018203740	Baker Hughes, a GE company, LLC
2017201879	iRobot Corporation	2018204490	Kuraray Co., Ltd.
2017202149	Children's Medical Center Corporation; The General Hospital Corporation	2018208704	TAYLOR-LISTUG, INC. D/B/A TAYLOR GUITARS
2017202179	AMO Wavefront Sciences, LLC	2018218188	Zhongshan Newtown Housechem Co. Ltd; Ma, G.; Burgis, Wayne Desmond
2017202220	Telefonaktiebolaget LM Ericsson (publ)	2018223208	Friend, R.
2017202337	CHALMING CREATIONS PTY LTD	2018229489	Sigma-Aldrich Co. LLC
2017202499	Bespoke Bioscience, LLC	2018236697	Nextleaf Solutions Ltd.
2017202744	Masergy Communications, Inc.	2018247327	Q-CTRL Pty Ltd
2017202791	Arch Chemicals, Inc.	2018260904	Seneca Industries Inc.
2017202938	International Pipeline Products Limited		
2017203029	Bulk Ore Shuttle System Pty Ltd		
2017203086	Fuji Xerox Co., Ltd.		
2017203109	ProTom International Holding Corp.		
2017203305	TELEFLEX LIFE SCIENCES		
2017203514	Rohm and Haas Company; Dow Global Technologies LLC		
2017203549	Massachusetts Institute of Technology		
2017203559	Itron Global SARL		
2017204148	Institute of Organic Chemistry and Biochemistry AS CR, v.v.i.		
2017204364	SKINS INTERNATIONAL TRADING AG		
2017204398	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI		
2017204451	Polaris Industries Inc.		
2017204536	Astex Pharmaceuticals, Inc.		
2017204550	Smith & Nephew, Inc.		
2017204588	Martin, A.		
2017204599	LIN, H.		
2017206219	Covidien AG		
2017208375	Freewheeler Pty Ltd		
2017210513	Howmedica Osteonics Corp.		
2017210642	Apple Inc.		
2017213437	Thorium Power, Inc.		
2017213502	Obotics Inc.		
2017216499	Microsoft Technology Licensing, LLC		
2017216522	Zhejiang Dingli Machinery Co., LTD.		
2017216573	Swift Fuels, LLC		
2017219065	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation		
2017221777	Fiserv, Inc.		
2017232128	Covidien LP		
2017233674	Qualcomm Incorporated		
2017235919	Camilleri, M.		
2017239511	Halliburton Energy Services, Inc.		
2017246716	Facebook, Inc.		
2017247746	Daikin Industries, Ltd.		
2017248432	Robinson, J.		
2017248541	Mueller International, LLC		

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<b><u>A01C 1 /-</u></b>	<b><u>A01N 47 /-</u></b>	2015200754	2016296612	2018200764	2014233622
2015245551	2017202791	<b><u>A41D 13 /-</u></b>	<b><u>A47J 37 /-</u></b>	2018202045	2016202715
2015265799				<b><u>A61B 18 /-</u></b>	2016261174
<b><u>A01D 34 /-</u></b>	<b><u>A01N 59 /-</u></b>	2017204364	2016296612		2017204550
				2014203332	2017210513
2016387662	2017202791	<b><u>A41D 19 /-</u></b>	<b><u>A47J 41 /-</u></b>	2014207245	<b><u>A61F 5 /-</u></b>
				2014251039	
<b><u>A01D 41 /-</u></b>	<b><u>A01N 63 /-</u></b>	2017200097	2017201466	2016200723	2014230253
				2017206219	
2016275688	2013304963	<b><u>A41D 27 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61F 6 /-</u></b>
	2015212307				
		2017204364	2015278539	2017202179	2014230253
<b><u>A01D 47 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A45D 20 /-</u></b>	<b><u>A47J 45 /-</u></b>	<b><u>A61B 46 /-</u></b>	<b><u>A61F 7 /-</u></b>
2016275688	2015406117	2015365707	2016296612	2014354716	2015200754
	2017202791	2016266963			
<b><u>A01D 75 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A45D 26 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61F 9 /-</u></b>
2016275688	2015212307	2014318211	2015399431	2014260023	2014207245
			2015399432	2014274784	2014354716
<b><u>A01F 15 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A46B 13 /-</u></b>	<b><u>A47K 5 /-</u></b>	2014315359	2017202179
				2015255814	<b><u>A61G 1 /-</u></b>
2015234383	2017254972	2016387301	2015410277	2015287598	
2015311984			2016344366	2016273911	2013318942
					2014223409
<b><u>A01G 2 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A46B 15 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61B 50 /-</u></b>	<b><u>A61G 5 /-</u></b>
2014369084	2016327484	2016341870		2017203305	2014206149
<b><u>A01G 27 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A46B 3 /-</u></b>	2013396735	<b><u>A61B 6 /-</u></b>	<b><u>A61G 7 /-</u></b>
			2015312293		
2016263381	2015262094	2016387301	<b><u>A47L 5 /-</u></b>	2014233687	
				2014236805	2013318942
<b><u>A01G 31 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A46B 5 /-</u></b>	2016301082	2014257019	2013355363
				2014308655	2017254954
2015208422	2015262012	2015411559	<b><u>A47L 9 /-</u></b>	2017203109	<b><u>A61H 1 /-</u></b>
<b><u>A01G 7 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A46B 7 /-</u></b>	2015201184	<b><u>A61B 8 /-</u></b>	2017254954
			2016284962		
2014369084	2015262012	2015411559	2016301082	2014315359	<b><u>A61H 19 /-</u></b>
			2016387301		
<b><u>A01G 9 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61C 1 /-</u></b>	2017213502
2015288412	2015262094	2015411559	2014233191	2016296196	<b><u>A61H 21 /-</u></b>
	2015372408		2014233518		
<b><u>A01H 17 /-</u></b>	<b><u>A23L 23 /-</u></b>	<b><u>A47B 96 /-</u></b>	2014251039	<b><u>A61C 17 /-</u></b>	2017213502
2013304963	2016282309	2015368248	<b><u>A61B 10 /-</u></b>	2016341870	<b><u>A61H 23 /-</u></b>
	2016284841				
<b><u>A01H 5 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47C 27 /-</u></b>	2014407671	<b><u>A61C 7 /-</u></b>	2018200317
2012376012	2016282309	2017254954	<b><u>A61B 17 /-</u></b>	2016213732	<b><u>A61H 9 /-</u></b>
2017200229	2016284841				
<b><u>A01J 25 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47F 3 /-</u></b>	2013344626	<b><u>A61C 8 /-</u></b>	2017213502
			2014200880		
2015249886	2016282309	2015368248	2014203308	2016296196	<b><u>A61J 1 /-</u></b>
	2016284841		2014241903		
<b><u>A01N 25 /-</u></b>	2016282309	2017201466	2014251039	<b><u>A61F 13 /-</u></b>	2014249909
	2016284841		2014256425		2016219584
2015406117			2014272088	2014369364	
			2014306232	2015269952	
<b><u>A01N 37 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47J 27 /-</u></b>	2015255814	2016413311	<b><u>A61K 31 /-</u></b>
			2015255845		
2015406117	2015372408	2017201466	2015287598	<b><u>A61F 2 /-</u></b>	2013370955
2017202791	<b><u>A24F 47 /-</u></b>	<b><u>A47J 31 /-</u></b>	2016200723		2014207342
			2016296196	2013353764	2014218938
<b><u>A01N 43 /-</u></b>	2016253576	2017201466	2016297562	2013399815	2014223373
			2016355390	2014201272	2014225889
2014239164	<b><u>A41D 1 /-</u></b>	<b><u>A47J 36 /-</u></b>	2017248432	2014230253	2014226001
2017202791					2014239164

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2014243925	<b><u>A61K 39 /-</u></b>	2015275098	<b><u>A61N 5 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01D 24 /-</u></b>
2014247122					
2014248455	2013371462	<b><u>A61L 2 /-</u></b>	2014274784	2013370955	2014237819
2014248928	2014207342		2017203109	2014207342	
2014249008	2014234684	2015372408		2014218938	<b><u>B01D 29 /-</u></b>
2014251492	2014243925	2015406117	<b><u>A61P 1 /-</u></b>	2014228172	2014237819
2014292605	2015320574			2014234684	
2014302715	2015330716	<b><u>A61L 27 /-</u></b>	2013350261	2015291522	<b><u>B01D 35 /-</u></b>
2014308616	2016265948		2014227598	2015340305	
2014318741	2016272044	2015323439	2014239164	2016263156	2014240243
2014324650	2016312259	2017201485	2015291522	2016370126	
2014334554	2017200281		2016272044	2017200281	<b><u>B01D 39 /-</u></b>
2014337298		<b><u>A61L 31 /-</u></b>		2017202499	
2014364693	<b><u>A61K 45 /-</u></b>		<b><u>A61P 11 /-</u></b>	2017204536	2014237819
2015216438		2016200723			
2015230729	2014207342		2014223373	<b><u>A61P 37 /-</u></b>	<b><u>B01D 46 /-</u></b>
2015233654	2016272044	<b><u>A61L 9 /-</u></b>	2015233654		
2015246386	2017200281			2014241259	2014237819
2015253463	2018229489	2017204599	<b><u>A61P 17 /-</u></b>	2014334554	
2015263121		2018218188		2015291522	<b><u>B01D 50 /-</u></b>
2015275098	<b><u>A61K 47 /-</u></b>	<b><u>A61M 1 /-</u></b>	2014226001	2017202499	
2015278833			2014324650		2017200945
2015291522	2014311219	2013315552	<b><u>A61P 19 /-</u></b>	<b><u>A61P 39 /-</u></b>	<b><u>B01D 53 /-</u></b>
2015324072	2015230729	2014228851		2016327484	
2015340305	2016229086	2014230253	2014247122		2014324098
2015350559	2016250403	2016265948	2014311219	<b><u>A61P 43 /-</u></b>	2014334786
2016229086	2016277336	2017251776	2015291522		2014390004
2016253668	2016327484			2014223373	2015271405
2016263156	2017204536	<b><u>A61M 15 /-</u></b>	<b><u>A61P 21 /-</u></b>		2015334175
2016270874				<b><u>A61P 5 /-</u></b>	2015375479
2016277336	<b><u>A61K 48 /-</u></b>	2016253576	2015263121		
2016316408				2014302122	<b><u>B01D 63 /-</u></b>
2016327484	2014244057	<b><u>A61M 16 /-</u></b>	<b><u>A61P 25 /-</u></b>		
2017200394	2016265948			<b><u>A61P 7 /-</u></b>	2014311591
2017202499		2014330888	2014223373	2016370126	<b><u>B01D 67 /-</u></b>
2017204536	<b><u>A61K 51 /-</u></b>	<b><u>A61M 25 /-</u></b>	2014292605		
2017276189			2014318741	<b><u>A61P 9 /-</u></b>	2017254972
	2014276885	2014251039	2014364693		
<b><u>A61K 33 /-</u></b>	<b><u>A61K 8 /-</u></b>	2014308655	2015230729	2014237679	<b><u>B01D 69 /-</u></b>
		2017203305	2015246386		
2014227598	2014289153	2018200764	2016263156	<b><u>A61Q 13 /-</u></b>	2014302507
2016247160	2015202309		2016327484		2017254972
2016370126	2015263252	<b><u>A61M 29 /-</u></b>	2017200394	2016327484	
	2015387145		2017276189		<b><u>B01D 71 /-</u></b>
<b><u>A61K 35 /-</u></b>	2015406117	2014251039	<b><u>A61P 27 /-</u></b>	<b><u>A61Q 17 /-</u></b>	
	2016283974				2017254972
2014237679	2016327484	<b><u>A61M 39 /-</u></b>	2014243925	2015202309	<b><u>B01F 15 /-</u></b>
2014239164			2016277336	2015387145	
2014244057	<b><u>A61K 9 /-</u></b>	2014342892	<b><u>A61P 29 /-</u></b>	<b><u>A61Q 19 /-</u></b>	2015206642
2014311219				2014289153	2018202045
2015327511	2013370955	<b><u>A61M 5 /-</u></b>	2015291522	2015387145	<b><u>B01F 3 /-</u></b>
2017202149	2014219382		2015340305	2016283974	
	2014226001	2014243951	2016247160		2014356273
<b><u>A61K 36 /-</u></b>	2014227598	2014249909	<b><u>A61P 3 /-</u></b>	<b><u>A62D 1 /-</u></b>	2018202045
	2014243925	2014259598			
2013350261	2014248455	2014308655	2014302122	2017201144	<b><u>B01F 5 /-</u></b>
2014251492	2014249008	2015231396	2015216438		
2016370126	2014302122	2018200764	2015263121	<b><u>A63B 55 /-</u></b>	2014356273
2017202499	2014368994	<b><u>A61N 1 /-</u></b>	2015278833		2015206642
	2015230729		2015291522	2013205917	
<b><u>A61K 38 /-</u></b>	2015275098	2015255814	2015327511	<b><u>B01D 1 /-</u></b>	<b><u>B01J 19 /-</u></b>
	2015278833	2016297562			
2013350261	2015330716	2016320690	<b><u>A61P 31 /-</u></b>	2018236697	2014390004
2013370955	2016229086	2016364680			
2014237679	2016250403	2018200853	2014228035	<b><u>B01D 11 /-</u></b>	<b><u>B01J 23 /-</u></b>
2014243925	2016277336	2018203128	2014244057		
2014302122	2016327484		2014302715	2016265948	2015282304
2014311219	2017202499	<b><u>A61N 2 /-</u></b>	2016263156	2018236697	
2014315070	2017204536				<b><u>B01J 3 /-</u></b>
2016272044		2014250542			
2016297311	<b><u>A61L 15 /-</u></b>				
2016344433					2015261009
	2014369364				



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<b>B01L 9 /-</b> 2014354580	<b>B25B 5 /-</b> 2016256711	<b>B29C 65 /-</b> 2017258887	<b>B60R 1 /-</b> 2015201090	<b>B63B 9 /-</b> 2014356209	<b>B65B 63 /-</b> 2015399431 2015399432
<b>B02C 15 /-</b> 2014363002	<b>B25C 1 /-</b> 2015378403	<b>B29C 70 /-</b> 2015335727	<b>B60R 11 /-</b> 2015200868 2015201833	<b>B63H 21 /-</b> 2016244260	<b>B65B 7 /-</b> 2017258887
<b>B04C 5 /-</b> 2015201184	<b>B25C 5 /-</b> 2015378403	<b>B29D 11 /-</b> 2015213241	<b>B60R 13 /-</b> 2015201833 2015306495	<b>B64B 1 /-</b> 2016277585	<b>B65D 21 /-</b> 2016232985
<b>B05B 11 /-</b> 2015410277 2016255372	<b>B25H 3 /-</b> 2017200154	<b>B32B 27 /-</b> 2015242931 2015246209	<b>B60R 16 /-</b> 2016269555	<b>B64C 13 /-</b> 2016253541	<b>B65D 5 /-</b> 2014339753 2016307114 2017201654
<b>B05B 12 /-</b> 2016255372	<b>B25J 11 /-</b> 2016284962 2016301082	<b>B32B 37 /-</b> 2014369364	<b>B60R 21 /-</b> 2015238905	<b>B64C 27 /-</b> 2015229860 2016238986	<b>B65D 67 /-</b> 2014344792
<b>B05B 17 /-</b> 2014316769	<b>B25J 13 /-</b> 2016284962 2016301082	<b>B32B 7 /-</b> 2015242931	<b>B60R 7 /-</b> 2015201090	<b>B64C 31 /-</b> 2016277585	<b>B65D 77 /-</b> 2016307114 2018200191
<b>B05B 7 /-</b> 2014217616	<b>B25J 9 /-</b> 2016284962 2016301082	<b>B41M 1 /-</b> 2014336415	<b>B60R 9 /-</b> 2015200868	<b>B64C 35 /-</b> 2016244177	<b>B65D 81 /-</b> 2018200191
<b>B07B 1 /-</b> 2016256424	<b>B27B 5 /-</b> 2016229021	<b>B41M 3 /-</b> 2014336415	<b>B60T 13 /-</b> 2016253603	<b>B64C 39 /-</b> 2015229860	<b>B65D 83 /-</b> 2016344366
<b>B07B 13 /-</b> 2013394431	<b>B27D 1 /-</b> 2015201455	<b>B43K 23 /-</b> 2017200776	<b>B60T 17 /-</b> 2016253603	<b>B64D 27 /-</b> 2015229860	<b>B65D 85 /-</b> 2018200191
<b>B07C 3 /-</b> 2016297399	<b>B27D 3 /-</b> 2015201455	<b>B43K 24 /-</b> 2017200776	<b>B61C 17 /-</b> 2016253603	<b>B64D 47 /-</b> 2016238986	<b>B65D 90 /-</b> 2016213764
<b>B22D 1 /-</b> 2015368856	<b>B27K 3 /-</b> 2015261009	<b>B43K 7 /-</b> 2017200776	<b>B61D 11 /-</b> 2017203029	<b>B64F 1 /-</b> 2016253541	<b>B65G 1 /-</b> 2014367410
<b>B22D 35 /-</b> 2015368856	<b>B27K 5 /-</b> 2015261009	<b>B43K 8 /-</b> 2017200776	<b>B61D 17 /-</b> 2017203029	<b>B65B 11 /-</b> 2017258887	<b>B65G 21 /-</b> 2017204588
<b>B22D 45 /-</b> 2015368856	<b>B27M 1 /-</b> 2015201455	<b>B60G 3 /-</b> 2017204451	<b>B61D 3 /-</b> 2017203029	<b>B65B 27 /-</b> 2014344792	<b>B65G 41 /-</b> 2017204588
<b>B23K 9 /-</b> 2016278742 2016282010	<b>B28B 11 /-</b> 2018204490	<b>B60J 11 /-</b> 2017202337	<b>B61D 7 /-</b> 2015342461	<b>B65B 31 /-</b> 2017258887	<b>B65G 47 /-</b> 2013394431
<b>B24C 1 /-</b> 2014401013	<b>B28B 19 /-</b> 2015206642	<b>B60L 11 /-</b> 2015202170	<b>B61G 5 /-</b> 2017203029	<b>B65B 41 /-</b> 2017258887	<b>B65G 63 /-</b> 2014203318
<b>B25B 25 /-</b> 2015230680	<b>B28B 3 /-</b> 2018204490	<b>B60L 15 /-</b> 2017204398	<b>B61L 27 /-</b> 2013206546	<b>B65B 5 /-</b> 2016395149	<b>B65H 75 /-</b> 2016294893
<b>B25B 27 /-</b> 2015230680	<b>B28C 5 /-</b> 2015206642 2015338054	<b>B60L 15 /-</b> 2017204398	<b>B62D 11 /-</b> 2017204451	<b>B65B 53 /-</b> 2016269636	<b>B66B 1 /-</b> 2013393566 2015359629
		<b>B60P 3 /-</b> 2015200868	<b>B62D 33 /-</b> 2015200868		

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2015359627	<b>C02F 9 /-</b>	2016344316	2014225889	2015263121	2015261009
2015359630	2013397276	<b>C07D 257 /-</b>	2014292605		2017200443
<b>B66B 5 /-</b>	2015372408	2014364693	2014308616	<b>C07K 14 /-</b>	
2013393566	<b>C03C 27 /-</b>	<b>C07D 261 /-</b>	2014318741	2014207549	<b>C08J 5 /-</b>
2015359627	2015242931	2015291522	2015291522	2014315070	2015217387
2015359629	<b>C04B 16 /-</b>	<b>C07D 271 /-</b>	2015340305	2014322988	<b>C08J 9 /-</b>
2015359630	2018204490	2014364693	2016263156	2014340080	2017201144
<b>B66B 9 /-</b>	<b>C04B 28 /-</b>	<b>C07D 307 /-</b>	<b>C07D 491 /-</b>	2014365888	<b>C08K 5 /-</b>
2014259106	2018204490	2015216438	2015291522	2016253789	2015242931
<b>B66C 23 /-</b>	<b>C05F 11 /-</b>	2015246386	2015340305	2016262726	<b>C08K 7 /-</b>
2016330141	2014236424	2015324072	<b>C07D 498 /-</b>	2016344433	2015203277
<b>B66D 1 /-</b>	<b>C05F 17 /-</b>	<b>C07D 309 /-</b>	2015233654	2016351311	2016344316
2016330141	2016232985	2015246386	<b>C07D 513 /-</b>		<b>C08L 101 /-</b>
<b>B66F 11 /-</b>	<b>C05F 9 /-</b>	<b>C07D 319 /-</b>	2015233654		2015242931
2017216522	2016232985	2016277562	2015291522	<b>C07K 16 /-</b>	<b>C08L 29 /-</b>
<b>C01B 13 /-</b>	<b>C05G 1 /-</b>	<b>C07D 401 /-</b>	<b>C07D 519 /-</b>	2013246617	2015242931
2016223778	2017203549	2016263156	2015291522	2013291051	<b>C08L 77 /-</b>
<b>C01B 17 /-</b>	<b>C05G 5 /-</b>	<b>C07D 403 /-</b>	<b>C07F 1 /-</b>	2014207549	2015203277
2015212801	2014236424	2014334554	2015202309	2014213687	<b>C08L 79 /-</b>
<b>C01C 3 /-</b>	<b>C07B 61 /-</b>	2015340305	<b>C07F 13 /-</b>	2014234684	2015289329
2018201825	2015282304	2016263156	2015202309	2016262726	<b>C08L 81 /-</b>
<b>C01F 11 /-</b>	<b>C07C 205 /-</b>	<b>C07D 405 /-</b>	2016247160	2016312259	2016344316
2017203549	2014364693	2014324650	<b>C07F 15 /-</b>	2017200281	<b>C08L 95 /-</b>
<b>C01G 1 /-</b>	<b>C07C 21 /-</b>	2015246386	2015202309		2015230105
2018201825	2017201144	<b>C07D 407 /-</b>	<b>C07F 3 /-</b>	<b>C07K 19 /-</b>	<b>C08L 97 /-</b>
<b>C01G 7 /-</b>	<b>C07C 233 /-</b>	2015246386	2015202309	2014322988	<b>C08L 77 /-</b>
2018201825	2014324650	<b>C07D 409 /-</b>	<b>C07F 7 /-</b>	<b>C07K 7 /-</b>	2015203277
<b>C01G 9 /-</b>	<b>C07C 255 /-</b>	2014324650	2015263252	2014311219	<b>C08L 79 /-</b>
2015202309	2014364693	2016263156	<b>C07H 19 /-</b>	2016297311	2015289329
<b>C02F 1 /-</b>	<b>C07D 209 /-</b>	2014334554	2014302715	<b>C08B 37 /-</b>	<b>C08L 81 /-</b>
2014356273	2014324650	2014337298	2015298469	2017202499	2016344316
2014368384	<b>C07D 215 /-</b>	2015233654	2017204148	<b>C08F 2 /-</b>	<b>C08L 95 /-</b>
2015372408	2014324650	2015246386	<b>C07J 17 /-</b>	2015217386	2015230105
<b>C02F 103 /-</b>	<b>C07D 231 /-</b>	2015291522	2015202309	2015217387	<b>C08L 97 /-</b>
2014368384	2014324650	2015340305	<b>C07F 15 /-</b>	<b>C08F 210 /-</b>	<b>C08L 95 /-</b>
2015372408	<b>C07D 241 /-</b>	2016263156	2015202309	2015217386	2015230105
<b>C02F 11 /-</b>	2016263156	<b>C07D 417 /-</b>	<b>C07F 7 /-</b>	2015217387	2017200443
2014356273	<b>C07D 241 /-</b>	2014306673	2015263252	<b>C08F 4 /-</b>	<b>C09B 23 /-</b>
<b>C02F 3 /-</b>	2015340305	2015233654	<b>C07H 19 /-</b>	2015217386	2013334635
2013397276	2015340305	2015253463	2014302715	2015217387	<b>C09B 67 /-</b>
2015407432		2015291522	2015298469	2015217387	2015254616
		2016263156	2017204148		<b>C09D 127 /-</b>
			<b>C07J 31 /-</b>	<b>C08G 63 /-</b>	2015246209
			2015263121	2016277562	<b>C09D 175 /-</b>
			<b>C07J 41 /-</b>	<b>C08G 73 /-</b>	<b>C09D 175 /-</b>
			2014248928	2015289329	<b>C09D 201 /-</b>
			2015263121	<b>C08G 75 /-</b>	2015292856
			<b>C07J 43 /-</b>	2016344316	<b>C09D 4 /-</b>
			2015263121	<b>C08G 77 /-</b>	2015246209
				2015263252	2015246210
				<b>C08G 81 /-</b>	
				2016250403	
					2015246209

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<b><u>C09D 5 /-</u></b>	<b><u>C11D 17 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>D21H 17 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>E21D 23 /-</u></b>
2015254616	2018218188	2013291051	2016211072	2015377256	2018260904
2015292856	<b><u>C11D 3 /-</u></b>	2014241259	<b><u>D21H 21 /-</u></b>	2015392099	<b><u>E21F 17 /-</u></b>
2017203514	2015214041	2014340080	2016211072	2016205443	2015230680
<b><u>C09J 11 /-</u></b>	2015273526	<b><u>C12P 3 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>E21F 7 /-</u></b>
2015292856	2016313500	2015212801	2015259731	2015250792	2015246646
<b><u>C09J 125 /-</u></b>	2018218188	<b><u>C12P 7 /-</u></b>	<b><u>E03B 3 /-</u></b>	2016227750	<b><u>F01N 3 /-</u></b>
2014398811	<b><u>C11D 7 /-</u></b>	2017200443	2014240243	<b><u>E21B 29 /-</u></b>	2015334175
<b><u>C09J 175 /-</u></b>	2015214041	<b><u>C12Q 1 /-</u></b>	<b><u>E03B 9 /-</u></b>	2016223211	<b><u>F02C 3 /-</u></b>
2016344316	2018218188	2012376012	2017248541	<b><u>E21B 33 /-</u></b>	2015287965
<b><u>C09J 201 /-</u></b>	<b><u>C12G 3 /-</u></b>	2013243300	<b><u>E04D 1 /-</u></b>	2015250792	<b><u>F02D 43 /-</u></b>
2015292856	2015215042	2013279297	2018204490	2015382419	2016244260
<b><u>C09J 5 /-</u></b>	<b><u>C12H 1 /-</u></b>	2014239164	<b><u>E04F 13 /-</u></b>	2016227750	<b><u>F02D 9 /-</u></b>
2015292856	2015372408	2014280964	2015246210	<b><u>E21B 34 /-</u></b>	2016244260
<b><u>C09K 21 /-</u></b>	<b><u>C12M 1 /-</u></b>	2015305566	<b><u>E04F 15 /-</u></b>	2015250792	<b><u>F03B 13 /-</u></b>
2015248934	2015305566	2015327511	2015246210	2016254871	2014409915
<b><u>C09K 3 /-</u></b>	2016351311	<b><u>C12R 1 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F04B 17 /-</u></b>
2017201144	<b><u>C12N 1 /-</u></b>	2013304963	2017251684	2015246646	2017213502
<b><u>C09K 5 /-</u></b>	<b><u>C21D 7 /-</u></b>	2014401013	<b><u>E05B 13 /-</u></b>	2015377256	<b><u>F04B 19 /-</u></b>
2017201144	2013304963	<b><u>C22B 1 /-</u></b>	2017235919	2015392099	<b><u>F04B 43 /-</u></b>
<b><u>C09K 8 /-</u></b>	2015327511	<b><u>C22B 15 /-</u></b>	<b><u>E05B 63 /-</u></b>	2016223211	2014352964
2015392099	2016351311	2017203549	2014203151	2016254871	2014352964
2016285390	<b><u>C12N 15 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E05B 65 /-</u></b>	2016256424	<b><u>F04B 53 /-</u></b>
<b><u>C10J 3 /-</u></b>	2012376012	2016320290	2014203151	<b><u>E21B 47 /-</u></b>	2015292348
2014271263	2013276345	<b><u>C23C 30 /-</u></b>	<b><u>E05F 15 /-</u></b>	2014413658	2015292399
2014363852	2013291047	2015323439	2017200191	2015385797	<b><u>F04C 2 /-</u></b>
<b><u>C10L 1 /-</u></b>	2013291051	<b><u>C23F 11 /-</u></b>	<b><u>E06B 7 /-</u></b>	2015385798	2015357838
2017216573	2013352156	2018203740	2015340758	2015392069	<b><u>F04D 13 /-</u></b>
<b><u>C10L 3 /-</u></b>	2014244057	<b><u>D01F 6 /-</u></b>	<b><u>E06B 9 /-</u></b>	2015392099	2015286794
2016231621	2014311219	2015325717	2014203151	2015392069	<b><u>F04D 29 /-</u></b>
2017261538	2015320574	<b><u>D06F 35 /-</u></b>	<b><u>E21B 10 /-</u></b>	2016269516	2015286794
<b><u>C10M 103 /-</u></b>	2016203951	2016234990	2015241806	<b><u>E21C 35 /-</u></b>	2016385377
2014401013	2016210768	<b><u>D06F 39 /-</u></b>	<b><u>E21B 17 /-</u></b>	2017201248	<b><u>F04D 7 /-</u></b>
<b><u>C11B 9 /-</u></b>	2016265948	2014314301	2015390010	<b><u>E21D 15 /-</u></b>	2016385377
2016327484	2016312259	<b><u>D06F 58 /-</u></b>	2017201366	2018260904	<b><u>F15B 11 /-</u></b>
<b><u>C11D 1 /-</u></b>	2016351311	2013396735	<b><u>E21B 19 /-</u></b>	<b><u>E21D 20 /-</u></b>	2016256711
2016313500	20182229489	2013396776	2015219337	2017201026	<b><u>F15B 13 /-</u></b>
2016354568	<b><u>C12P 19 /-</u></b>	<b><u>D06M 16 /-</u></b>	2015250792	<b><u>E21D 21 /-</u></b>	2016256711
<b><u>C11D 11 /-</u></b>	2012376012	2013302535	2016256711	2017201026	
2015273526	2013302535	2013302535	2017201366		
	2017200443	2013302535			

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<b>F16B 13 /-</b>	2015204778	<b>F27D 3 /-</b>	<b>G01N 1 /-</b>	<b>G02B 13 /-</b>	<b>G06F 17 /-</b>
2016262744	<b>F16N 21 /-</b>	2015368856	2014228851	2014233191	2016256363
2016331892	2015390010	<b>F28D 1 /-</b>	2016234996	2015323139	2017221777
<b>F16B 17 /-</b>	<b>F21K 9 /-</b>	2013396776	2017200945	<b>G02B 15 /-</b>	2018201691
2015230680	2016229021	<b>F28D 3 /-</b>	<b>G01N 15 /-</b>	2015323139	2018203570
<b>F16B 2 /-</b>	<b>F21V 29 /-</b>	2014388923	2016234996	<b>G02B 21 /-</b>	<b>G06F 19 /-</b>
2015230680	2016220308	<b>F28D 5 /-</b>	<b>G01N 21 /-</b>	2014354580	2014369084
<b>F16B 39 /-</b>	<b>F21V 33 /-</b>	2014388923	2016284236	<b>G02B 3 /-</b>	<b>G06F 21 /-</b>
2016294152	2016229021	<b>F28D 7 /-</b>	2017201545	2015213241	2013355648
<b>F16B 45 /-</b>	<b>F23D 1 /-</b>	2014388923	<b>G01N 23 /-</b>	<b>G02C 7 /-</b>	2015265782
2015230680	2016286769	<b>F28F 1 /-</b>	2016266097	2014298461	<b>G06F 3 /-</b>
<b>F16B 7 /-</b>	<b>F24F 1 /-</b>	2017247746	<b>G01N 29 /-</b>	2015213241	2016215616
2015201397	2017247746	<b>F28F 3 /-</b>	2018223208	<b>G02F 1 /-</b>	2016364985
<b>F16G 11 /-</b>	2017268566	2013396735	<b>G01N 30 /-</b>	2016220308	2017201768
2015230680	<b>F24F 13 /-</b>	<b>F41A 1 /-</b>	2014268297	<b>G03B 17 /-</b>	2017203086
<b>F16H 49 /-</b>	2015347519	2015330900	<b>G01N 33 /-</b>	2015204778	2017210642
2015368856	2015405226	<b>F41F 1 /-</b>	2013246617	<b>G03F 7 /-</b>	<b>G06F 7 /-</b>
<b>F16H 59 /-</b>	2017268563	2015330900	2013291047	2015246209	2016215616
2016244260	2017268566	<b>F41F 3 /-</b>	2013291051	<b>G05B 13 /-</b>	2016364985
<b>F16H 61 /-</b>	<b>F24F 3 /-</b>	2015330900	2013334635	2014369084	2015321468
2016244260	2014324098	2016253541	2013354356	<b>G05B 23 /-</b>	<b>G06K 19 /-</b>
<b>F16J 15 /-</b>	<b>F25B 39 /-</b>	<b>F42D 1 /-</b>	2013371462	2016278742	2014326649
2016385377	2017247746	2017339632	2014268297	<b>G05D 1 /-</b>	2014252252
<b>F16K 11 /-</b>	<b>F25B 49 /-</b>	<b>G01B 11 /-</b>	2014306673	2015241429	2018203570
2016244260	2015213795	2017201545	2015305566	2016284962	<b>G06N 99 /-</b>
<b>F16J 15 /-</b>	<b>F25B 5 /-</b>	<b>G01C 19 /-</b>	2016262726	2017201879	2016215234
2013380600	2015213795	2015287598	2016266098	2017272278	2018247327
<b>F16K 5 /-</b>	<b>F25D 23 /-</b>	<b>G01D 4 /-</b>	<b>G01N 35 /-</b>	<b>G05D 23 /-</b>	<b>G06Q 10 /-</b>
2013380600	2015377578	2015289756	2016234996	2016266075	2016213764
<b>F16L 1 /-</b>	<b>F25J 3 /-</b>	2015354388	2016234996	<b>G05D 7 /-</b>	2017208375
2014326649	2016231621	2015358521	<b>G01R 17 /-</b>	2017264981	2017208375
2017202938	<b>F26B 5 /-</b>	<b>G01D 5 /-</b>	2015354388	<b>G05F 1 /-</b>	2018200443
<b>F16L 3 /-</b>	2015254616	2014308655	<b>G01R 19 /-</b>	2015201868	<b>G06Q 50 /-</b>
2015230680	<b>F27B 3 /-</b>	<b>G01D 7 /-</b>	2014364597	<b>G06F 11 /-</b>	2016262752
<b>F16L 41 /-</b>	2015368856	<b>G01D 7 /-</b>	<b>G01S 19 /-</b>	2014228851	<b>G06T 17 /-</b>
2014356209	<b>F27D 15 /-</b>	<b>G01K 11 /-</b>	2014316789	2014244137	2016256363
<b>F16L 55 /-</b>	2014271263	<b>G01M 3 /-</b>	2015356145	<b>G06F 12 /-</b>	2017232128
2017202938	<b>F27D 27 /-</b>	2014356209	<b>G01S 5 /-</b>	2017202744	<b>G09F 3 /-</b>
<b>F16M 11 /-</b>	2015368856	2014356209	2016213764	<b>G06F 15 /-</b>	2014326649
2015204778	2015368856	2014356209	<b>G01V 15 /-</b>	2013331156	<b>G09G 5 /-</b>
<b>F16M 13 /-</b>	2015368856	2014356209	2014326649	2016256363	2017201063
			2014326649		
			2015385798		
			<b>G01V 3 /-</b>		
			2015213241		
			2017252590		

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<b><u>G10D 3 /-</u></b>		<b><u>H04L 29 /-</u></b>	<b><u>H04W 76 /-</u></b>
2018208704	<b><u>H02J 1 /-</u></b>	2013331156	2016262685
	2016269555	2015265782	
<b><u>G10L 21 /-</u></b>	<b><u>H02J 15 /-</u></b>	2015289756	<b><u>H04W 8 /-</u></b>
2018201479	2016273816	2016244334	2015289756
		2017201673	2015333907
<b><u>G11C 11 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04L 5 /-</u></b>	2017216499
2016361158	2015323230	2014399359	<b><u>H04W 84 /-</u></b>
<b><u>G21C 21 /-</u></b>	2016269555	2017202220	2015286295
2017213437	2016273816	<b><u>H04M 1 /-</u></b>	2017233674
	<b><u>H02K 29 /-</u></b>	2016278951	<b><u>H05K 3 /-</u></b>
<b><u>G21C 3 /-</u></b>	2015220585	<b><u>H04M 3 /-</u></b>	2015335727
2017213437	<b><u>H02K 9 /-</u></b>	2016265989	<b><u>H05K 7 /-</u></b>
<b><u>H01F 5 /-</u></b>	2016238986	<b><u>H04M 7 /-</u></b>	2016220308
2017213502	<b><u>H02M 7 /-</u></b>	2016265989	2016273860
<b><u>H01F 7 /-</u></b>	2016273860	<b><u>H04N 19 /-</u></b>	
2017213502	2016318966	2014385769	
<b><u>H01H 33 /-</u></b>	<b><u>H02S 20 /-</u></b>	2017200514	
2016266018	2015282389	<b><u>H04N 21 /-</u></b>	
<b><u>H01H 50 /-</u></b>	<b><u>H02S 40 /-</u></b>	2016219228	
2016336689	2015282389	2018200443	
<b><u>H01H 9 /-</u></b>	<b><u>H02S 50 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2015201868	2014364597	2014233191	
<b><u>H01J 61 /-</u></b>	<b><u>H03K 23 /-</u></b>	2015204778	
2016269636	2015399336	2017246716	
<b><u>H01M 10 /-</u></b>	<b><u>H03L 7 /-</u></b>	<b><u>H04N 7 /-</u></b>	
2015323230	2015399336	2014233518	
<b><u>H01M 12 /-</u></b>	<b><u>H03M 7 /-</u></b>	2017219065	
2016274851	2015356145	<b><u>H04W 12 /-</u></b>	
<b><u>H01M 8 /-</u></b>	<b><u>H04H 20 /-</u></b>	2016244334	
2014302194	2016262783	2017201673	
2016247225	<b><u>H04J 14 /-</u></b>	<b><u>H04W 24 /-</u></b>	
<b><u>H01Q 1 /-</u></b>	2015395021	2014411891	
2015244191	<b><u>H04L 1 /-</u></b>	<b><u>H04W 28 /-</u></b>	
<b><u>H01T 19 /-</u></b>	2014331824	2015286295	
2016223778	2015286295	<b><u>H04W 4 /-</u></b>	
	2016216286	2017216499	
<b><u>H02G 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	2017233674	
2015230680	2015283976	<b><u>H04W 52 /-</u></b>	
<b><u>H02G 7 /-</u></b>	2017203559	2016244334	
2015230680	<b><u>H04L 27 /-</u></b>	2016278951	
<b><u>H02H 1 /-</u></b>	2014399359	2017233674	
2015200848	2016216286	<b><u>H04W 72 /-</u></b>	
		2015264604	
		2015264605	

**Certified Innovation Patents**

**Name Index**

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

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(71) MACHINE ENGINEERING SYSTEMS  
PTY LTD  
(11) AU-B-2018101435  
(21) 2018101435 (22) 24.09.2018  
(54) Skylight Assembly and Light Assembly  
(51) Int. Cl.  
*F21S 19/00* ( 2006.01 )  
*E04D 13/03* ( 2006.01 )  
(45) 06.12.2018  
(62) PCT/AU2017/050751  
(72) DONOVAN, Brian  
(74) Michael Buck IP

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(71) O'Reilly, B.  
(11) AU-B-2018100640  
(21) 2018100640 (22) 14.05.2018  
(54) large hollow storage compartment  
chamber for soft plastic fishing lures  
(51) Int. Cl.  
*A01K 97/04* ( 2006.01 )  
*A01K 85/01* ( 2006.01 )  
(45) 06.12.2018  
(72) O'Reilly, Ben  
(74) Raven IP

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(71) Sun Pharmaceutical Industries Aus-  
tralia Limited; The University of York  
(11) AU-B-2018101471  
(21) 2018101471 (22) 01.10.2018  
(54) PRODUCTION OF NOSCAPINE  
(51) Int. Cl.  
*C12N 9/02* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
(45) 06.12.2018  
(62) 2016281762  
(72) Winzer, Thilo; Graham, Ian; Walker,  
Tracy  
(74) Phillips Ormonde Fitzpatrick

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**The University of York see Sun Pharma-  
ceutical Industries Australia Limited**  
(21) 2018101471

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(71) Vin Investments Australia Pty Ltd  
(11) AU-B-2017101545  
(21) 2017101545 (22) 31.10.2017  
(54) Ground Anchor  
(51) Int. Cl.  
*E02D 5/80* ( 2006.01 )  
*E02D 27/50* ( 2006.01 )  
(45) 06.12.2018  
(72) Valenti, Vince  
(74) Sandercock & Cowie

**Numerical Index**

**2017101545** Vin Investments Australia Pty Ltd  
**2018100640** O'Reilly, B.  
**2018101435** MACHINE ENGINEERING SYSTEMS PTY LTD  
**2018101471** Sun Pharmaceutical Industries Australia Limited; The University of York

**IPC Index**

**A01K 85 /-**

2018100640

**A01K 97 /-**

2018100640

**C12N 15 /-**

2018101471

**C12N 9 /-**

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**E02D 27 /-**

2017101545

**E02D 5 /-**

2017101545

**E04D 13 /-**

2018101435

**F21S 19 /-**

2018101435



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn**

- 2016203370 **De La Rue International Limited** ( CCL Secure Pty Ltd )
- 2016208403 **De La Rue International Limited** ( CCL Secure Pty Ltd )

**Patents Granted**

**Standard Patents**

2010253486	2012350365	2012351104	2012360992
2012390560	2012391049	2012396934	2013200573
2013205887	2013206123	2013217415	2013218080
2013219236	2013220156	2013221212	2013222451
2013225577	2013229528	2013230020	2013231030
2013231119	2013231203	2013231453	2013234096
2013234420	2013236610	2013248930	2013249111
2013249202	2013256159	2013257212	2013264468
2013266496	2013266505	2013270557	2013271581
2013273703	2013273987	2013274283	2013277423
2013277927	2013285221	2013289036	2013289206
2013289939	2013290374	2013292350	2013294867
2013298286	2013299332	2013302657	2013308376
2013312358	2013312465	2013313333	2013315491
2013315499	2013315536	2013316427	2013316441
2013318597	2013323260	2013324162	2013325117
2013327501	2013328316	2013329451	2013331880
2013333711	2013334660	2013334870	2013334947
2013334949	2013335229	2013335231	2013337247
2013340799	2013345487	2013346336	2013346363
2013346624	2013349478	2013351542	2013355181
2013355379	2013356874	2013360692	2013366643
2013368956	2013369083	2013369088	2013375294
2013378525	2013378664	2013378673	2013382569
2013386219	2013387232	2013389284	2013393599
2013402093	2013404355	2014200268	2014200540
2014201134	2014202648	2014202968	2014203262
2014203363	2014205179	2014205369	2014205529
2014207420	2014209741	2014210642	2014212308
2014212496	2014213516	2014213657	2014213802
2014216556	2014217614	2014218110	2014221356
2014224608	2014225297	2014225579	2014227442
2014228385	2014228415	2014229330	2014229573
2014229648	2014229735	2014232954	2014233055
2014233240	2014233480	2014233487	2014233588
2014233885	2014234230	2014234425	2014235455
2014235532	2014236451	2014237340	2014238305
2014239599	2014240186	2014241183	2014242915
2014243001	2014244154	2014246737	2014249456
2014249529	2014250916	2014252309	2014252454
2014252789	2014254391	2014258419	2014259494
2014259681	2014260183	2014262358	2014262656
2014264227	2014264588	2014264640	2014265040
2014267152	2014273831	2014274835	2014275310
2014275381	2014275643	2014276779	2014277707
2014278172	2014279395	2014282826	2014284265
2014284975	2014285445	2014285780	2014289001
2014292249	2014295055	2014295406	2014295941
2014297964	2014297965	2014298540	2014299322
2014301060	2014301228	2014304142	2014305611
2014306814	2014312012	2014312201	2014313919
2014315109	2014316853	2014316914	2014318944
2014322803	2014322909	2014323131	2014323640
2014324558	2014324696	2014327332	2014334416
2014335687	2014338511	2014339178	2014339235
2014339299	2014341952	2014343966	2014346333

**Patents Granted**

**Standard Patents**

2014347256	2014347673	2014349140	2014351387
2014351398	2014356115	2014358672	2014358984
2014362195	2014362921	2014363459	2014363469
2014363529	2014363686	2014364097	2014364324
2014365915	2014367825	2014369111	2014369316
2014369457	2014371148	2014375222	2014375263
2014376146	2014376189	2014376417	2014378622
2014380123	2014381696	2014392814	2014400299
2014402993	2014403356	2014407527	2014408693
2014411357	2014412696	2014413131	2014414021
2014414815	2014415894	2015201544	2015201972
2015202790	2015205803	2015212794	2015216606
2015216711	2015217718	2015218677	2015224715
2015236298	2015243351	2015243436	2015248945
2015249919	2015251499	2015252236	2015252916
2015252993	2015255859	2015257887	2015263042
2015263221	2015263340	2015266694	2015267633
2015268561	2015273220	2015273800	2015277086
2015282167	2015282647	2015286982	2015288141
2015289775	2015292214	2015294039	2015294412
2015294594	2015295926	2015300968	2015301579
2015302991	2015303992	2015308905	2015311721
2015314154	2015315175	2015315779	2015316167
2015317769	2015319952	2015320259	2015321981
2015323779	2015326092	2015330490	2015331587
2015333646	2015335107	2015336862	2015344913
2015345483	2015351153	2015351423	2015353730
2015353936	2015354430	2015354454	2015357499
2015362355	2015363022	2015364396	2015365481
2015365660	2015369723	2015370645	2015373702
2015378558	2015381779	2015382359	2015382440
2015383429	2015383600	2015384216	2015384339
2015384773	2015385837	2015389440	2015390821
2015391011	2015394001	2015394579	2015397085
2015399759	2015400707	2015401639	2015403254
2015406133	2015411553	2016201677	2016201861
2016202489	2016202663	2016202999	2016203201
2016203348	2016203657	2016203795	2016204007
2016204512	2016204590	2016204975	2016205840
2016206226	2016206245	2016206981	2016211007
2016211474	2016211994	2016213895	2016215123
2016216240	2016216645	2016216686	2016216725
2016219680	2016221585	2016222345	2016225838
2016225906	2016225925	2016228181	2016228183
2016228252	2016228284	2016229136	2016229413
2016231327	2016231585	2016231633	2016232141
2016232955	2016234914	2016234933	2016234978
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2016237157	2016237952	2016241445	2016243206
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2016277593	2016287227	2016296619	2016303179
2016304839	2016306089	2016312297	2016312364
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2016341452	2016356234	2016358972	2016379813
2016389021	2016394896	2017200125	2017200210
2017200223	2017200438	2017200495	2017200530
2017200617	2017200658	2017200938	2017200995
2017200998	2017201252	2017201289	2017201409
2017201455	2017201591	2017201627	2017201704
2017201872	2017201874	2017202381	2017202497
2017202540	2017202773	2017202898	2017202924

**Patents Granted**

**Standard Patents**

2017203078	2017203097	2017203148	2017203230
2017203591	2017203672	2017203743	2017203816
2017204139	2017204359	2017204479	2017204764
2017206143	2017208273	2017208274	2017208307
2017208331	2017208371	2017210550	2017210576
2017210591	2017219083	2017224952	2017225090
2017228605	2017239581	2017241445	2017245359
2017245374	2017248434	2017248556	2017254976
2017261501	2017261561	2017297629	2017325592
2017371908	2018200910	2018201267	2018201316
2018202810	2018203991	2018206779	

**Innovation Patents**

2015101934	2018101287	2018101474	2018101552
2018101554	2018101564	2018101569	2018101590
2018101600	2018101603	2018101604	2018101605
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2018101642	2018101643	2018101644	2018101646
2018101647	2018101648	2018101649	2018101652
2018101653	2018101654	2018101655	2018101656
2018101657	2018101658	2018101661	

**Assignments Registered**

1999058616 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2000061549 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2001257507 Specialty Fertilizer Products, LLC The patent has been assigned to **Verdesian Life Sciences, LLC**

2002333240 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2002333811 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2002338390 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2002356585 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2002358502 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2003205087 OnTo Technology LLC The patent has been assigned to **Eco-Bat Indiana, LLC**

2003214066 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2003226658 Rasmussen, Ole-Bendt The patent has been assigned to **The Supreme Industries Limited**

2003246698 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2004208875 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2004279674 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

**Assignments Registered**

2004285267 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005212839 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005213184 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005213185 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005213186 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005220618 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005263406 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2005287651 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006212471 CSL Behring GmbH The patent has been assigned to **Korte, Wolfgang**

2006218154 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006228738 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006237605 Flex-Seal Couplings Ltd; Warren Environmental, Inc. The patent has been assigned to **Warren Environmental, Inc.**

2006268972 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006314792 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006319527 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2006337483 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2007236295 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2007324939 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2008221577 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2008320876 Rasmussen, Ole-Bendt The patent has been assigned to **The Supreme Industries Limited**

2008361577 Stoltz, H. The patent has been assigned to **NC Brands L.P.**

2009216995 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2009249363 Onpharma Inc. The patent has been assigned to **ON-PHARMA COMPANY**

2010244381 Rasmussen, Ole-Bendt The patent has been assigned to **The Supreme Industries Limited**

**Assignments Registered**

2010247385 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2010338076 GREENPHARMA; KEY OBS The patent has been assigned to **Kinnov Therapeutics**

2011201747 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2011201831 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2011267053 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2011275871 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2011295045 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2011323124 Morphotek Inc. The patent has been assigned to **Eisai Inc.**

2011329122 Onpharma Inc. The patent has been assigned to **ON-PHARMA COMPANY**

2012244531 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2012244533 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2012319495 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

2012357893 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2013200038 AMEI Technologies Inc. The patent has been assigned to **Orthofix S.R.L.**

2013224672 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2013271336 Centre for Digestive Diseases The patent has been assigned to **Agrawal, Gaurav**

2013345894 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

2014201131 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2014206211 Newtrax Technologies Inc. The patent has been assigned to **Newtrax Holdings Inc.**

2014213396 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

2014213631 Tel Hashomer Medical Research Infrastructure and Services Ltd. The patent has been assigned to **TPCERA LTD**

2015221477 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

2015221481 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

2015221482 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**

**Assignments Registered**

2015224451 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2015261660 Bayer Intellectual Property GmbH The patent has been assigned to **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**

2017101797 Mygrain Solutions Pty Ltd The patent has been assigned to **IP Machinery Pty Ltd**

2018100425 OXTI CORPORATION The patent has been assigned to **Zgonic Pty Ltd**

2018100463 LI, Jize The patent has been assigned to **Lecoov IP Pty Ltd**

2018100906 OXTI CORPORATION The patent has been assigned to **Zgonic Pty Ltd**

2018100909 OXTI CORPORATION The patent has been assigned to **Zgonic Pty Ltd**

2018100912 OXTI CORPORATION The patent has been assigned to **Zgonic Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2013277429 **Intercept Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Sep 2018

For the goods OCALIVA obeticholic acid

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

2014208310 **iCeutica Pty Ltd**

The earliest first regulatory approval date provided by the patentee 15 Nov 2016

For the goods ZORVOLEX diclofenac

Address for service : Wrays L7 863 Hay St Perth WA 6000 AU

**Extensions granted**

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

2014268186 **Wyeth LLC**

The earliest first regulatory approval date provided by the patentee 14 Sep 2017

For the goods TRUMENBA (Meningococcal group B vaccine)

Extension of Term of patent pursuant to Section 77 expires on 19 Apr 2027

2016203534 **Novartis AG; Astex Therapeutics Ltd**

The earliest first regulatory approval date provided by the patentee 23 Oct 2017

For the goods KISQALI ribociclib

Extension of Term of patent pursuant to Section 77 expires on 23 Oct 2032

**Corrigenda**

In Vol 31 , No 44 , Page(s) 6450 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ubiome, Inc., Application No. 2016248120, under INID (54) correct the title to read Method and system for microbiome-derived diagnostics and therapeutics for mental health associated conditions

In Vol 31 , No 44 , Page(s) 6450 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ubiome, Inc., Application No. 2016250096, under INID (54) correct the title to read Method and system for microbiome-derived characterization, diagnostics and therapeutics for conditions associated with functional features

In Vol 32 , No 21 , Page(s) 3065 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name E2interactive. Inc. d/ba/ E2interactive. Inc., Application No. 2016357267, under INID (71) correct the applicant name to E2interactive, Inc. d/ba/ E2interactive, Inc.

In Vol 32 , No 28 , Page(s) 4101 under the heading **Applications Accepted - Name Index** Under the name President and Fellows of Harvard College, Application No. 2014302635, under INID (72) correct the co-inventor to Minardi II, John E.

In Vol 32 , No 31 , Page(s) 4501 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Hazel Technologies, Inc., Application No. 2017221486, under INID (72) correct the co-inventor to Mouat, Aidan R.

In Vol 32 , No 41 , Page(s) 5761 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Wayne State University, Application No. 2017246480, under INID (72) correct the co-inventor to Armant, D. Randall

In Vol 32 , No 43 , Page(s) 5958 under the heading **Amendments - Application for Amendments** Under the name Lubrizol Advanced Materials, Inc., Application No. 2013354184 correct the date of the statements filed to read 04 Jul 2018, 06 Aug 2018 and 22 Oct 2018

In Vol 32 , No 45 , Page(s) 6400 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Xenon Pharmaceuticals Inc., Application No. 2017268006, under INID (72) correct the co-inventor to Burford, Kristen Nicole; Dehnhardt, Christoph Martin

In Vol 32 , No 46 , Page(s) 6475 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018201734

In Vol 32 , No 46 , Page(s) 6478 under the heading **Amendments - Application for Amendments** Under the name Asana Biosciences, LLC, Application No. 2016256819 correct the date of the statements filed to read 10 Sep 2018 and 14 Nov 2018

In Vol 32 , No 46 , Page(s) 6478 under the heading **Amendments - Application for Amendments** Under the name Weatherford Technology Holdings, LLC, Application No. 2016262756 correct the date of the statements filed to read 12 Nov 2018 and 13 Nov 2018

In Vol 32 , No 46 , Page(s) 6478 under the heading **Amendments - Application for Amendments** Under the name Otsuka Pharmaceutical

**Corrigenda**

Co., Ltd., Application No.2017228608 correct the date of the statements filed to read 01 Nov 2018 and 08 Nov 2018

In Vol 32 , No 46 , Page(s) 6513 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Google Inc., Application No. 2016407222, under INID (71) correct the applicant name to Google LLC.

**Specifications Republished**

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

2014338907	<b>Syngenta Participations AG; Syngenta Limited</b>
2015363271	<b>Sculpted Partners LLC</b>
2015364898	<b>Toyo Seikan Group Holdings, Ltd.</b>
2016211918	<b>Langley, J.</b>
2016275278	<b>P2i Ltd</b>
2016322506	<b>Herlev Hospital</b>
2016328015	<b>BrightGene Bio-Medical Technology Co., Ltd.</b>
2016361412	<b>Gilead Apollo, LLC</b>
2016372723	<b>Qualcomm Incorporated</b>