



**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.

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***BASF SE v The Lubrizol Corporation* [2019] APO 8**

Patent Application: 2010248022

Title: Quaternary Ammonium Amide and/or Ester Salts

Patent Applicant: The Lubrizol Corporation

Opponent: BASF SE

Delegate: K. Wagg

Decision Date: 13 February 2019

Hearing Date: 14 November 2018 (in Melbourne)

Catchwords: **PATENTS** - opposition under section 104 – allowability under sections 102(1) and 102(2) considered – as a result of the amendment – the amendments narrow the claims and do not introduce new matter or issues – amendments allowed – costs awarded against the opponent – stay on s 59 lifted and evidence in answer due in two weeks from the date of this decision.

Representation: Patent attorney for the applicant: Michael Houlihan and Jim Onishi, Houlihan<sup>2</sup>  
Patent attorney for the opponent: Gavin Adkins and Kathryn Morris, Griffith Hack

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 12 Feb 2019 .

(71) Abbot, I. (21) 2019900473 (22) 14.02.2019 (54) Solar powered absorbent air conditioning and refrigeration	flectiveness results in bounces of light between the cells, which later enters the room behind.	(71) Croplands Equipment Pty Ltd (21) 2019900471 (22) 14.02.2019 (54) SPRAY HEAD FOR AN AGRICULTURAL SPRAYER
(71) Archer Exploration Limited (21) 2019900486 (22) 15.02.2019 (54) Carborane-Graphene inks	(71) Breast Cancer Recovery Pty Ltd (21) 2019900461 (22) 13.02.2019 (54) SYSTEM AND METHOD OF DYNAMICALLY ALLOCATING USERS TO EXERCISE PROGRAM CATEGORIES	(71) CROSS LAMINATED OFFSITE SOLUTIONS PTY LTD (21) 2019900412 (22) 09.02.2019 (54) An Insulated Structural Panel transitional shelter. Assembled with common sized panels and connectors. Flat packed
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900488 (22) 15.02.2019 (54) A GAMING SYSTEM WITH GEOFENCED FUNDS TRANSFER	(71) Brown, M. (21) 2019900464 (22) 13.02.2019 (54) Fluid delivery apparatus	(71) CSR Building Products Limited (21) 2019900472 (22) 14.02.2019 (54) COMPOSITE CONSTRUCTION METHOD
(71) Askew-Flynn, D. (21) 2019900452 (22) 12.02.2019 (54) Fashion with passion	<b>CARDOSO BALIZA, R. see LEMOS, F.</b> (21) 2019900517	(71) CubeX Solar, LLC (21) 2019900512 (22) 18.02.2019 (54) PORTABLE SOLAR POWER SYSTEM
(71) ASSA ABLOY Australia Pty Limited (21) 2019900466 (22) 14.02.2019 (54) MORTICE LOCK ASSEMBLY WITH IMPROVED DEADLATCHING	(71) Celi, G. (21) 2019900485 (22) 15.02.2019 (54) Temperature regulated children's seating apparatus	(71) DEKS Industries Pty Ltd (21) 2019900475 (22) 14.02.2019 (54) UTILITY MARKER POSTS
(71) AusBiolink Pty Ltd (21) 2019900514 (22) 18.02.2019 (54) Compositions and methods for treating respiratory diseases	<b>Children's Hospitals Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children) see The University of Sydney</b> (21) 2019900443	(71) DERMA LABS INTERNATIONAL PTY LTD; Inspired Natural Products (21) 2019900516 (22) 18.02.2019 (54) Dermaxylate - activated papaya treatment
(71) Austworld Commodities Pty Ltd (21) 2019900462 (22) 13.02.2019 (54) VALVE ASSEMBLY	(71) Clipex IP Limited (21) 2019900515 (22) 18.02.2019 (54) Portable device	(71) Elevare Energy IP Pty Ltd (21) 2019900446 (22) 12.02.2019 (54) System and method for managing power
(71) Berwick, B. (21) 2019900453 (22) 12.02.2019 (54) Solgami is an origami based window blind, that generates electricity, whilst illuminating an internal space. Thin film solar cells are arranged in an array based on the geometry of a regular light reflecting louvre. Their inherent re-	(71) Concept Safety Systems (Holdings) Pty Ltd (21) 2019900449 (22) 12.02.2019 (54) System and Method for Indoor Spatial Mapping	(71) EVERETT, T. (21) 2019900492 (22) 15.02.2019 (54) LOCK FOR SLIDING CLOSURE
	(71) Crampton, L. (21) 2019900447 (22) 12.02.2019 (54) Heat shield assembly and method of use	

Provisional Applications Filed - Name Index cont'd

(71) EVERETT, T.  
(21) 2019900493 (22) 15.02.2019  
(54) CABLE TRANSFER IMPROVEMENTS

(71) EWRG (SOUTH) PTY LTD  
(21) 2019900503 (22) 18.02.2019  
(54) GUARDRAIL

(71) FCI Holdings Delaware, Inc.  
(21) 2019900457 (22) 13.02.2019  
(54) Resin injection dolly

(71) Fernando, W.  
(21) 2019900445 (22) 12.02.2019  
(54) IMPROVED METHOD AND APPARATUS FOR 3D PRINTING WITH INCREASED LATERAL FORCE RESISTANCE

(71) Foster, D.  
(21) 2019900487 (22) 15.02.2019  
(54) Mobile Plant Termination System

(71) GIBGIB HOLDINGS PTY LTD  
(21) 2019900501 (22) 17.02.2019  
(54) Emoticon/ emote display message system for the rear window or rear surface of a vehicle to temporarily communicate to the vehicle behind by use of a blinker like stalk controller or buttons at the driver position. When not in displaying a temporary emoticon, an advertisement or a "mood" emoticon display can be set (screen saver like affect).

(71) Grapple Fund Pty Limited  
(21) 2019900505 (22) 18.02.2019  
(54) A COMPUTER-IMPLEMENTED METHOD FOR FACILITATING AN INVOICE FINANCE FACILITY

(71) Guard IT Solutions Pty. Ltd.  
(21) 2019900496 (22) 15.02.2019  
(54) Cleaning compositions and the use thereof

(71) Hall, R.  
(21) 2019900454 (22) 13.02.2019  
(54) Most advanced technology Super Yacht Maltese Falcon++

(71) Infinity Retractable Screens Pty Ltd  
(21) 2019900511 (22) 18.02.2019  
(54) A FRAME ASSEMBLY

Inspired Natural Products see DERMA LABS INTERNATIONAL PTY LTD  
(21) 2019900516

(71) Jaeger, R.; Verstraten, L.  
(21) 2019900469 (22) 14.02.2019  
(54) H2GOFASTER- RETROFITTABLE DISCHARGE CAPACITY ENHANCER FOR CULVERTS

(71) Jaikul, F.  
(21) 2019900455 (22) 13.02.2019  
(54) Down-under Backpacker Cars (DUBPC) Mobile Application

(71) Jones, H.  
(21) 2019900500 (22) 17.02.2019  
(54) Reaming Tool (2)

(71) Kontesidis, M.  
(21) 2019900508 (22) 16.02.2019  
(54) Installing self extinguish ashtrays too balconies and exterior common areas of residential hi rise buildings body corporate car parks etc within the building

(71) Learning Chain  
(21) 2019900502 (22) 18.02.2019  
(54) Systems and Methods for Learning-based Network. The present invention relates generally to social network field and more specifically to a new and useful network to connect learners with their peers and educators. The platform creates a learning chain to link topics in a logical sequence so learners who struggle with a certain topic, can check backward learning chain for the prior topics to be learned and learners can check forward learning chain to figure out what to learn for their dream job. A learning management system is accessible along the chain that includes learning material.

(71) LEMOS, F.; CARDOSO BALIZA, R.  
(21) 2019900517 (22) 18.02.2019  
(54) Shoulder device that holds a selfie stick allowing people to use their phone without holding with their hands.

(71) Leo Burnett Pty Ltd  
(21) 2019900448 (22) 12.02.2019  
(54) IMPROVED DRINKING VESSEL

(71) Licensys Australasia Pty Ltd  
(21) 2019900510 (22) 18.02.2019  
(54) A VEHICLE LICENSE PLATE

(71) Lleaf Pty Ltd  
(21) 2019900467 (22) 14.02.2019  
(54) Photoperiodic control of Phytochrome with materials

(71) Lockley, A.  
(21) 2019900520 (22) 18.02.2019  
(54) Water Cooling Device

(71) LXS Scanning Pty Ltd  
(21) 2019900477 (22) 14.02.2019  
(54) Ionising-radiation scanning systems and analysers, methods of using the same

(71) Macdonald, C.  
(21) 2019900489 (22) 15.02.2019  
(54) A lighting assembly

(71) Magenta Haze Pty Ltd  
(21) 2019900495 (22) 15.02.2019  
(54) Valve

(71) Magnetica Limited  
(21) 2019900450 (22) 12.02.2019  
(54) MAGNETS AND MAGNETIC RESONANCE IMAGING SYSTEMS

(71) Matthews, N.  
(21) 2019900506 (22) 14.02.2019  
(54) Basketball, Netball, games and Goal Rings.

McDermott, S. see McDermott, K.  
(21) 2019900524

(71) McDermott, K.; McDermott, S.  
(21) 2019900524 (22) 19.02.2019  
(54) Transportation of Mesh Reinforcement

(71) McGrath, L.  
(21) 2019900478 (22) 14.02.2019  
(54) Double Egg Holder

(71) McGreal, B.  
(21) 2019900451 (22) 12.02.2019  
(54) JITS

Mitchell, C. see Mitchell, P.  
(21) 2019900480

(71) Mitchell, P.; Mitchell, C.  
(21) 2019900480 (22) 15.02.2019  
(54) A Shot Separation and Recovery Device

Molloy, T. see Neilson, T.  
(21) 2019900474

(71) Multigate Medical Products Pty Ltd  
(21) 2019900491 (22) 15.02.2019  
(54) A Pinch Valve Mechanism

Provisional Applications Filed - Name Index cont'd

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(71) Neilson, T.; Molloy, T.  
 (21) 2019900474 (22) 14.02.2019  
 (54) TPV-2L VARIANTS AND USES THEREOF

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(71) NewSouth Innovations Pty Limited  
 (21) 2019900519 (22) 18.02.2019  
 (54) Method of acylating cysteine and uses of N-acyl cysteine products

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(71) NewSouth Innovations Pty Limited  
 (21) 2019900521 (22) 18.02.2019  
 (54) METHOD FOR REDUCING THERMO-MECHANICAL STRESS IN SOLAR CELLS

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(71) O'Donnell, B.  
 (21) 2019900499 (22) 16.02.2019  
 (54) bag weighing system. production of ABS plastic linen trolleys, supermarket bagging stations and kitchen bins with built in scales set to 7.7kg or 17 lbs which will have a built in audio and visual alarming system (buzzer and green light/red light) to identify when the safe lifting weight has been exceeded

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(71) OREGON HOUSE PTY LTD  
 (21) 2019900494 (22) 15.02.2019  
 (54) Disc Plough Accessory

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(71) OreKinetics Investments Pty Ltd  
 (21) 2019900497 (22) 15.02.2019  
 (54) SPIRAL SEPARATORS AND PARTS THEREFORE

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(71) Panelpod Pty Ltd  
 (21) 2019900482 (22) 15.02.2019  
 (54) CONSTRUCTION PANEL MANUFACTURE

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(71) Penworth Pty Ltd  
 (21) 2019900463 (22) 13.02.2019  
 (54) A SOLAR ENERGY COLLECTOR THAT UTILISES PARALLEL AND NON-PARALLEL SOLAR RADIATION

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(71) PFL Spaces International Pty Ltd  
 (21) 2019900523 (22) 19.02.2019  
 (54) A STATION AND AN INSTALLATION

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(71) PHUNG POLETAN PTY LTD  
 (21) 2019900460 (22) 13.02.2019  
 (54) 1-CLICK/TAP AR (Augmented Reality) CHECK OUT The ability to seamlessly go through a checkout process in a 1-click/tap fashion within an augmented reality experience by interacting with a mobile / ipad / AR-enabled devices.

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(71) Portelli, Z.  
 (21) 2019900498 (22) 15.02.2019  
 (54) Live Auction Real Estate App

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(71) Pulford, P.  
 (21) 2019900513 (22) 18.02.2019  
 (54) Square

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(71) Queensland University of Technology  
 (21) 2019900476 (22) 14.02.2019  
 (54) APPARATUS AND METHOD FOR POSITIONING A JOINT DURING SURGERY

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(71) ResMed Asia Pte Ltd  
 (21) 2019900507 (22) 18.02.2019  
 (54) Positioning And Stabilising Structure For A Patient Interface

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(71) Riederich International Pty Ltd  
 (21) 2019900459 (22) 13.02.2019  
 (54) WATER STORAGE FENCING

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(71) Santoalla, B.  
 (21) 2019900456 (22) 13.02.2019  
 (54) Multi-level marketing system or method for service provider and their client/customer.

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(71) Sinab Technologies PTY LTD  
 (21) 2019900518 (22) 18.02.2019  
 (54) WEAPON TARGETING TRAINING SYSTEM AND METHOD THEREFOR

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(71) Southern Green Gas Limited  
 (21) 2019900465 (22) 14.02.2019  
 (54) Solar-Powered Water Electrolyser

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(71) Start Smart Investments Pty Ltd  
 (21) 2019900444 (22) 12.02.2019  
 (54) Scaffolding mesh system

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(71) Swinburne University of Technology  
 (21) 2019900481 (22) 15.02.2019  
 (54) Microelectrode array and method of manufacturing a microelectrode array

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(71) Sykes, D.  
 (21) 2019900484 (22) 15.02.2019  
 (54) An improved beehive

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(71) Tasocs Pty Ltd  
 (21) 2019900483 (22) 15.02.2019  
 (54) Improvements to heat exchangers

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(71) The Medical Innovation Hub Pty Ltd  
 (21) 2019900458 (22) 13.02.2019  
 (54) Implantable objects fabricated by additive manufacturing and methods of fabricating the same

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(71) The University of Sydney; Children's Hospitals Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children)  
 (21) 2019900443 (22) 12.02.2019  
 (54) Pulmonary artery valved conduit

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(71) Uski, A.  
 (21) 2019900468 (22) 12.02.2019  
 (54) FRUIT PROTECTOR

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Verstraten, L. see Jaeger, R.  
 (21) 2019900469

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(71) Wazin, A.  
 (21) 2019900470 (22) 14.02.2019  
 (54) Machine Learning Artificial Intelligence Web Service.

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(71) Wexler, L.  
 (21) 2019900490 (22) 15.02.2019  
 (54) Handlebar heating system

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(71) WHALE LABS PTY LTD  
 (21) 2019900522 (22) 18.02.2019  
 (54) Mycorocket - Mycelium based Ceramic Mould Casting Material for Biorockets

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(71) WHITELEY CORPORATION PTY LTD  
 (21) 2019900479 (22) 15.02.2019  
 (54) Fast Reprocessing Endoscope Disinfectant

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(71) WILKINSON, D.  
 (21) 2019900504 (22) 18.02.2019  
 (54) HAND ABRADING AND TOOL WITH REVERSIBLE WORKING ENDS AND SURFACES

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<b>2019900412</b>	CROSS LAMINATED OFFSITE SOLUTIONS PTY LTD	<b>2019900508</b>	Kontesidis, M.
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<b>2019900445</b>	Fernando, W.	<b>2019900512</b>	CubeX Solar, LLC
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<b>2019900447</b>	Crampton, L.	<b>2019900514</b>	AusBiolink Pty Ltd
<b>2019900448</b>	Leo Burnett Pty Ltd	<b>2019900515</b>	Clipex IP Limited
<b>2019900449</b>	Concept Safety Systems (Holdings) Pty Ltd	<b>2019900516</b>	DERMA LABS INTERNATIONAL PTY LTD; Inspired Natural Products
<b>2019900450</b>	Magnetica Limited	<b>2019900517</b>	LEMOS, F.; CARDOSO BALIZA, R.
<b>2019900451</b>	McGreal, B.	<b>2019900518</b>	Sinab Technologies PTY LTD
<b>2019900452</b>	Askew-Flynn, D.	<b>2019900519</b>	NewSouth Innovations Pty Limited
<b>2019900453</b>	Berwick, B.	<b>2019900520</b>	Lockley, A.
<b>2019900454</b>	Hall, R.	<b>2019900521</b>	NewSouth Innovations Pty Limited
<b>2019900455</b>	Jaikul, F.	<b>2019900522</b>	WHALE LABS PTY LTD
<b>2019900456</b>	Santoalla, B.	<b>2019900523</b>	PFL Spaces International Pty Ltd
<b>2019900457</b>	FCI Holdings Delaware, Inc.	<b>2019900524</b>	McDermott, K.; McDermott, S.
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<b>2019900468</b>	Uski, A.		
<b>2019900469</b>	Jaeger, R.; Verstraten, L.		
<b>2019900470</b>	Wazin, A.		
<b>2019900471</b>	Croplands Equipment Pty Ltd		
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<b>2019900473</b>	Abbot, I.		
<b>2019900474</b>	Neilson, T.; Molloy, T.		
<b>2019900475</b>	DEKS Industries Pty Ltd		
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<b>2019900477</b>	LXS Scanning Pty Ltd		
<b>2019900478</b>	McGrath, L.		
<b>2019900479</b>	WHITELEY CORPORATION PTY LTD		
<b>2019900480</b>	Mitchell, P.; Mitchell, C.		
<b>2019900481</b>	Swinburne University of Technology		
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<b>2019900489</b>	Macdonald, C.		
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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 12 Feb 2019 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2019201073 (22) 15.02.2019 (54) Sleeve-fit respirator cartridge (62) 2016262694</p> <hr/> <p>(71) 61224BAX/VPB; Baxalta GmbH (21) 2019200993 (22) 13.02.2019 (54) A METHOD TO PRODUCE AN IMMUNOGLOBULIN PREPARATION WITH IMPROVED YIELD (62) 2016273819</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2019200995 (22) 13.02.2019 (54) Devices, systems, and methods associated with analyte monitoring devices and devices incorporating the same (62) 2016262739</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019200944 (22) 11.02.2019 (54) TRANSACTION MANAGEMENT USING MACHINE LEARNING AND SIMILARITY ANALYSIS (31) 201841006604 (32) 21.02.18 (33) IN</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019200945 (22) 11.02.2019 (54) AUTOMATED ISSUE DETECTION AND RESOLUTION FRAMEWORK FOR ENTERPRISE RESOURCE PLANNING (31) 15/937,193 (32) 27.03.18 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201001 (22) 13.02.2019 (54) INTELLIGENT CONTENT RECOMMENDER FOR GROUPS OF USERS (31) 201811007401 (32) 27.02.18 (33) IN</p> <hr/> <p>(71) Adobe Inc. (21) 2019200951 (22) 11.02.2019 (54) SELECTIVE AND MULTI-QUERY VISUAL SIMILARITY SEARCH (31) 15/983,949 (32) 18.05.18 (33) US</p> <hr/> <p>(71) ADTRAN, Inc. (21) 2019200953 (22) 12.02.2019 (54) ARTIFICIAL INTELLIGENCE OPTIMIZED TELECOMMUNICATIONS SYSTEMS (31) 15/952,887 (32) 13.04.18 (33) US</p>	<hr/> <p>(71) Agency for Defense Development (21) 2019201015 (22) 14.02.2019 (54) Method and apparatus for compensating air data using inertial navigation data (31) 10-2018-0103038 (32) 30.08.18 (33) KR</p> <hr/> <p>(71) Airmow Holdings Pty Ltd (21) 2019200948 (22) 11.02.2019 (54) METHOD AND APPARATUS FOR ESTIMATING MOWING AREA (62) 2017276350</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2019200967 (22) 12.02.2019 (54) MULTI-DATABASE LOG WITH MULTI-ITEM TRANSACTION SUPPORT (62) 2015279787</p> <hr/> <p>(71) AMO Development, LLC. (21) 2019201060 (22) 15.02.2019 (54) Ophthalmic range finding (62) 2018200427</p> <hr/> <p>(71) Analyticon Discovery GmbH (21) 2019200938 (22) 11.02.2019 (54) Novel triterpene-glycosides as sweeteners or sweetener enhancers (62) 2013407055</p> <hr/> <p>(71) Animas Corporation (21) 2019201034 (22) 14.02.2019 (54) Infusion device with layered structure having durable and disposable components (62) 2014241125</p> <hr/> <p>(71) Apple Inc. (21) 2019200955 (22) 12.02.2019 (54) Voice coil motor optical image stabilization (62) 2017203084</p> <hr/> <p>(71) Apple Inc. (21) 2019201065 (22) 15.02.2019 (54) Intelligent presentation of documents (62) 2016244289</p> <hr/> <p>(71) Apple Inc. (21) 2019201101 (22) 15.02.2019</p>	<hr/> <p>(54) Implementation of biometric authentication (62) 2018312629</p> <hr/> <p>(71) Applied Biomimetic A/S (21) 2019200975 (22) 12.02.2019 (54) Electricity generation process (62) 2015314347</p> <hr/> <p>(71) ARB LABS INC. (21) 2019201016 (22) 14.02.2019 (54) SYSTEMS, METHODS AND DEVICES FOR MONITORING BETTING ACTIVITIES (31) 15/897,075 (32) 14.02.18 (33) US</p> <hr/> <p>(71) Ariel-University Research and Development Company Ltd. (21) 2019200998 (22) 13.02.2019 (54) System and method for cleaning wine and/or a barrel containing wine (62) 2016308801</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200915 (22) 08.02.2019 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2017201183</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200980 (22) 12.02.2019 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING (62) 2017228697</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200981 (22) 12.02.2019 (54) Gaming machine feature (62) 2017213543</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200985 (22) 13.02.2019 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE (31) 2018902952 (32) 13.08.18 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201009 (22) 13.02.2019</p>
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(54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM  
(62) 2017206166

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2019201024 (22) 14.02.2019  
(54) GAMING DEVICE WITH A CHANGING ARRANGEMENT OF SYMBOL DISPLAY POSITIONS

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2019201030 (22) 14.02.2019  
(54) A GAMING SYSTEM AND A METHOD OF GAMING  
(62) 2017200190

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2019201092 (22) 15.02.2019  
(54) A Gaming System and a Method of Gaming  
(62) 2017200758

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2019201107 (22) 15.02.2019  
(54) A method of providing a player interface in a gaming system  
(62) 2017200770

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2019201109 (22) 15.02.2019  
(54) Gaming Apparatus and Method Relating to Linked Gaming Machines  
(62) 2017200153

(71) Avery Dennison Corporation  
(21) 2019201055 (22) 14.02.2019  
(54) Adhesives and related methods  
(62) 2017201999

**Barrett, R. see Waters, T.**  
(21) 2019201103

(71) Bavarian Nordic A/S  
(21) 2019200977 (22) 12.02.2019  
(54) SINGLE HIGH DOSE OF MVA INDUCES A PROTECTIVE IMMUNE RESPONSE IN NEONATES AND INFANTS  
(62) 2014231229

**Baxalta GmbH see 61224BAX/VPB**  
(21) 2019200993

(71) Becton, Dickinson and Company  
(21) 2019201046 (22) 14.02.2019

(54) Injection Site Information Cap  
(62) 2017203700

(71) Biosense Webster (Israel) Ltd.  
(21) 2019200926 (22) 11.02.2019  
(54) Simulation of heart pacing for modeling arrhythmia  
(31) 15/913,483 (32) 06.03.18 (33) US

(71) Board of Regents, The University of Texas System  
(21) 2019201104 (22) 15.02.2019  
(54) COMPOUNDS AND METHODS FOR TREATING CANCER, NEUROLOGICAL DISORDERS, ETHANOL WITHDRAWAL, ANXIETY, DEPRESSION AND NEUROPATHIC PAIN  
(62) 2014290202

(71) Boston Scientific Scimed, Inc.  
(21) 2019201111 (22) 18.02.2019  
(54) Implants, tools, and methods for treatments of pelvic conditions  
(62) 2014237965

(71) Brien Holden Vision Institute  
(21) 2019201084 (22) 15.02.2019  
(54) Lenses, devices, methods and systems for refractive error  
(62) 2013332247

**California Institute of Technology see The Rockefeller University**  
(21) 2019200972

**California Institute of Technology see The Rockefeller University**  
(21) 2019201039

(71) CAMURUS AB  
(21) 2019200982 (22) 13.02.2019  
(54) OPIOID FORMULATIONS  
(62) 2017279657

(71) Canon Kabushiki Kaisha  
(21) 2019200918 (22) 08.02.2019  
(54) Cartridge, and electrophotographic image forming apparatus which uses cartridge  
(62) 2017228653

(71) Canon Kabushiki Kaisha  
(21) 2019200976 (22) 12.02.2019  
(54) Method, system and apparatus for generating training samples for matching objects in a sequence of images

(71) Caterpillar Inc.  
(21) 2019200983 (22) 13.02.2019

(54) Slip determining system and methods for a machine  
(31) 16/005,319 (32) 11.06.18 (33) US

(71) CHAN, Y.  
(21) 2019200961 (22) 12.02.2019  
(54) VENTILATION DEVICE  
(31) 107105564 (32) 14.02.18 (33) TW

(71) Chomley Consulting Pty. Ltd  
(21) 2019201023 (22) 14.02.2019  
(54) Methods, Controllers and Devices for Assembling a Word  
(62) 2016277581

(71) Chye, P.; Jensen, K.; Fisher, A.  
(21) 2019200989 (22) 13.02.2019  
(54) A business and youth employment-oriented service that operates via websites and mobile apps allowing job applicants to create and upload a full electronic picture, visual and video based resume of themselves for the purpose of self marketing, employment and recruiting for prospective employers who can search for applicants using many filters.

(71) Cidara Therapeutics, Inc.  
(21) 2019201072 (22) 15.02.2019  
(54) Dosing regimens for echinocandin class compounds  
(62) 2017201758

(71) Cilag GmbH International  
(21) 2019201087 (22) 15.02.2019  
(54) Orientation independent meter  
(62) 2014203272

(71) Clawson, J.  
(21) 2019200991 (22) 13.02.2019  
(54) Pandemic protocol for emergency dispatch  
(62) 2013313239

(71) Covidien LP  
(21) 2019200971 (22) 12.02.2019  
(54) Adapter assembly for interconnecting electromechanical surgical devices and surgical loading units, and surgical systems thereof  
(62) 2014268210

(71) Covidien LP  
(21) 2019201004 (22) 13.02.2019  
(54) Methods and devices for performing a surgical anastomosis  
(62) 2014203308

(71) Covidien LP  
(21) 2019201029 (22) 14.02.2019

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(54) Port fixation device  
(31) 62/631,540 (32) 16.02.18 (33) US  
16/265,223 01.02.19 US

(71) Covidien LP  
(21) 2019201032 (22) 14.02.2019  
(54) Chip assembly for reusable surgical instruments  
(31) 15/920,050 (32) 13.03.18 (33) US

(71) Covidien LP  
(21) 2019201033 (22) 14.02.2019  
(54) Surgical buttresses for surgical stapling apparatus  
(31) 16/265,299 (32) 01.02.19 (33) US  
62/633,747 22.02.18 US

(71) Covidien LP  
(21) 2019201059 (22) 15.02.2019  
(54) Optical trocar assembly  
(31) 15/919,854 (32) 13.03.18 (33) US

(71) Covidien LP  
(21) 2019201096 (22) 15.02.2019  
(54) A stent delivery system  
(62) 2016277624

(71) Covidien LP  
(21) 2019201113 (22) 18.02.2019  
(54) Monopolar return electrode grasper with return electrode monitoring  
(31) 15/908,890 (32) 01.03.18 (33) US

(71) CRISI Medical Systems, Inc.  
(21) 2019201044 (22) 14.02.2019  
(54) Flow Sensor System with Connection Assembly  
(62) 2016317586

(71) CRISI Medical Systems, Inc.  
(21) 2019201054 (22) 14.02.2019  
(54) Flow sensor system including transmissive connection  
(62) 2016316749

(71) Dane Pty Ltd  
(21) 2019200997 (22) 13.02.2019  
(54) BAKING TRAY AND BLANK FOR A BAKING TRAY  
(31) 2018900563 (32) 22.02.18 (33) AU

(71) Darktrace Limited  
(21) 2019201021 (22) 14.02.2019  
(54) A CYBER SECURITY APPLIANCE FOR A CLOUD INFRASTRUCTURE  
(31) 62/632,623 (32) 20.02.18 (33) US

(71) Davies Collison Cave Pty Ltd  
(21) 2019201124 (22) 18.02.2019

(54) Suppression of myeloid derived suppressor cells and immune checkpoint blockade  
(62) 2015289922

(71) Dejero Labs Inc.  
(21) 2019201095 (22) 15.02.2019  
(54) System and method for automatic encoder adjustment based on transport data  
(62) 2015296746

(71) Detnet South Africa (Pty) Ltd  
(21) 2019201020 (22) 14.02.2019  
(54) DETONATOR IDENTIFIER ASSIGNMENT  
(62) 2017307636

(71) Digital Asset (Switzerland) GmbH  
(21) 2019200933 (22) 11.02.2019  
(54) Computer system and method for distributed privacy-preserving shared execution of one or more processes  
(62) PCT/IB2018/058375

(71) Dolby International AB  
(21) 2019200932 (22) 11.02.2019  
(54) Signaling change in output layer sets  
(62) 2016238857

(71) Dow AgroSciences LLC  
(21) 2019200923 (22) 08.02.2019  
(54) Fine mapping and validation of QTL underlying fiber content and seed coat color traits and identification of SNP markers for marker assisted selection of these traits derived from yellow seed coat (YSC) canola line YN01-429 and its lineage  
(62) 2015364304

(71) Elbex Video Ltd.  
(21) 2019200927 (22) 11.02.2019  
(54) Communication infrastructure devices and support tools for intelligent residences or businesses and communicating method with and operating intelligent electrical devices  
(31) 15/917,135 (32) 09.04.18 (33) US

(71) Electrocore LLC  
(21) 2019201050 (22) 14.02.2019  
(54) Devices and methods for non-invasive capacitive electrical stimulation and their use for vagus nerve stimulation on the neck of a patient  
(62) 2011361696

(71) Etel Limited  
(21) 2019201061 (22) 15.02.2019  
(54) A CAPACITIVE SENSOR  
(31) 739992 (32) 16.02.18 (33) NZ

(71) Ethicon, Inc.  
(21) 2019201006 (22) 13.02.2019  
(54) Temporary aids for deployment and fixation of tissue repair implants  
(62) 2013324023

(71) Evolution Engineering Inc.  
(21) 2019201041 (22) 14.02.2019  
(54) Integrated downhole system with plural telemetry subsystems  
(62) 2016238865

Fisher, A. see Chye, P.  
(21) 2019200989

(71) Fisher & Paykel Healthcare Limited  
(21) 2019201027 (22) 14.02.2019  
(54) A SYSTEM FOR PROVIDING A FLOW OF GASES TO A PATIENT  
(62) 2017204397

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2019201077 (22) 15.02.2019  
(54) NASAL CANNULA ASSEMBLIES AND RELATED PARTS  
(62) 2014230084

(71) Flomax International, Inc.  
(21) 2019201076 (22) 15.02.2019  
(54) FUEL TANK VENT AND SHUTOFF VALVE  
(62) 2014331906

(71) Frank's International, LLC  
(21) 2019201010 (22) 13.02.2019  
(54) Portable Local Positioning System  
(31) 62/631,035 (32) 15.02.18 (33) US  
16/274,072 12.02.19 US

(71) Freestyle Technology Limited  
(21) 2019201102 (22) 15.02.2019  
(54) A communications process and system  
(62) 2016219719

(71) FUJIFILM Corporation  
(21) 2019200963 (22) 12.02.2019  
(54) Photosensitive composition, image forming method, film forming method, resin, image, and film  
(62) 2016311962

(71) Fuji Xerox Co., Ltd.  
(21) 2019200974 (22) 12.02.2019  
(54) Print management device and program  
(31) 2018-139801 (32) 25.07.18 (33) JP

(71) GE Global Sourcing LLC  
(21) 2019201049 (22) 14.02.2019

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(54) SYSTEMS AND METHOD FOR A VEHICLE NETWORK  
(62) 2018200544

(71) Gen9, Inc.  
(21) 2019201052 (22) 14.02.2019  
(54) Compositions and methods for multiplex nucleic acids synthesis  
(62) 2014237003

(71) GENENTECH, INC.  
(21) 2019200988 (22) 13.02.2019  
(54) Combinations of an anti-HER2 antibody-drug conjugate and chemotherapeutic agents, and methods of use  
(62) 2017200047

(71) Geobruugg AG  
(21) 2019200996 (22) 13.02.2019  
(54) A method for mounting a roll of protective mesh material to an underground rock drilling machine, a method for attaching protective mesh material to a rock surface and a mounting device

(71) GERMANIA HOME APPLIANCE CO., LTD  
(21) 2019201085 (22) 15.02.2019  
(54) OUTDOOR GAS HEATER  
(31) 201811597213.1 (32) 26.12.18 (33) CN

(71) GIMER MEDICAL. CO. LTD.  
(21) 2019200960 (22) 12.02.2019  
(54) METHOD FOR REDUCING SPASTICITY AND NON-TRANSITORY COMPUTER-READABLE MEDIUM THEREOF  
(62) 2017251694

(71) GLASS VICE HOLDINGS LIMITED  
(21) 2019200842 (22) 07.02.2019  
(54) PANEL MOUNT  
(62) 2016213689

(71) Graco Minnesota Inc.  
(21) 2019201036 (22) 14.02.2019  
(54) Spray tip and method of manufacture  
(62) 2014318383

(71) Great Plains Manufacturing, Inc.  
(21) 2019201028 (22) 14.02.2019  
(54) Spacer assembly for a hydraulic cylinder  
(31) 16/217,260 (32) 12.12.18 (33) US

(71) Great Plains Manufacturing, Inc.  
(21) 2019201031 (22) 14.02.2019  
(54) Rotary cutter with movable blade guard  
(31) 16/017,512 (32) 25.06.18 (33) US

(71) Guangzhou Anland ST Co., Ltd  
(21) 2019201012 (22) 14.02.2019  
(54) An adjustable hinge assembly

(71) Guangzhou Anland ST Co., Ltd  
(21) 2019201013 (22) 14.02.2019  
(54) Pivot mounts for panels

(71) Halliburton Energy Services, Inc.  
(21) 2019200950 (22) 11.02.2019  
(54) Downhole fluids and methods of use thereof  
(62) 2015390256

Härting Eckman, S.L. see Markovits Rojas, A.  
(21) 2019201053

Härting Glade, T.F. see Markovits Rojas, A.  
(21) 2019201053

(71) Honda Motor Co., Ltd.  
(21) 2019200930 (22) 11.02.2019  
(54) Lawnmower mulch plug fixing method  
(31) 15/935,891 (32) 26.03.18 (33) US

(71) Honda Motor Co., Ltd.  
(21) 2019200931 (22) 11.02.2019  
(54) Lawnmower mulch plug ramps to improve mulching performance  
(31) 15/935,722 (32) 26.03.18 (33) US

(71) HRO Holdings Pty Ltd  
(21) 2019201079 (22) 15.02.2019  
(54) A supervised machine learning system for optimising outpatient clinic attendance  
(62) 2017301078

(71) Huawei Technologies Co., Ltd.  
(21) 2019201062 (22) 15.02.2019  
(54) UPLINK DATA TRANSMISSION METHOD AND APPARATUS  
(62) 2015385390

(71) Hunter Douglas Inc.  
(21) 2019201067 (22) 15.02.2019  
(54) Operating system for a covering for an architectural opening  
(62) 2013385670

(71) Husqvarna AB  
(21) 2019201017 (22) 14.02.2019  
(54) ALL WHEEL DRIVE, WALK BEHIND MOWER  
(62) 2016273849

(71) Illinois Tool Works Inc.  
(21) 2019200987 (22) 13.02.2019

(54) Expansion sleeve and fastener including an expansion sleeve  
(62) 2015324022

(71) Illinois Tool Works Inc.  
(21) 2019201097 (22) 15.02.2019  
(54) Fastener pusher with an improved workpiece-contact element  
(62) 2017201288

(71) INFICON GmbH  
(21) 2019201019 (22) 14.02.2019  
(54) Evacuable flexible leakage test chamber  
(62) 2015233645

(71) INHIBRX, INC.  
(21) 2019200942 (22) 11.02.2019  
(54) Non-platelet depleting and non-red blood cell depleting CD47 antibodies and methods of use thereof  
(62) 2013377886

(71) ink srl  
(21) 2019200924 (22) 09.02.2019  
(54) DEVICE FOR ACCELERATING THE AGING PROCESS OF WINE DEVICE FOR ACCELERATING THE AGING PROCESS OF WINE A container to accelerate wine aging made of a porous material and equipped with an agitator which comprises wooden staves.

(71) Intelli Particle Pty Ltd  
(21) 2019200916 (22) 08.02.2019  
(54) Electrothermic compositions  
(62) 2014302025

(71) Intersect ENT, Inc.  
(21) 2019201045 (22) 14.02.2019  
(54) Systems, devices, and method for treating a sinus condition  
(62) 2014236729

(71) Ionis Pharmaceuticals, Inc.  
(21) 2019201011 (22) 13.02.2019  
(54) MODULATION OF APOLOPOPROTEIN CIII (APOCIII) EXPRESSION  
(62) 2017200025

(71) Jay-Lor International Inc.  
(21) 2019201026 (22) 14.02.2019  
(54) Horizontal mixer with stacked augers  
(31) 62/637,105 (32) 01.03.18 (33) US

Jensen, K. see Chye, P.  
(21) 2019200989

(71) JVC Kenwood Corporation  
(21) 2019200990 (22) 13.02.2019

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<p>(54) PICTURE DECODING DEVICE, PICTURE DECODING METHOD AND PICTURE DECODING PROGRAM (62) 2018200190</p>	<p>(54) Multi-layer products (31) 1802450.5 (32) 15.02.18 (33) GB</p>	<hr/> <p>(71) Nuovo Pignone Srl (21) 2019201086 (22) 15.02.2019 (54) METHOD AND SYSTEM FOR CONDITION MONITORING OF A GROUP OF PLANTS (62) 2017202631</p>
<hr/> <p>(71) Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems &amp; Solutions Corporation (21) 2019201005 (22) 13.02.2019 (54) Battery system, remaining capacity estimation device, and remaining capacity estimation method (31) 2018-034376 (32) 28.02.18 (33) JP</p>	<hr/> <p>(71) Meridian Medical Technologies, Inc. (21) 2019200966 (22) 12.02.2019 (54) AUTOMATIC INJECTOR (62) 2016222391</p>	<hr/> <p>(71) Nuovo Pignone Tecnologie Srl (21) 2019200994 (22) 13.02.2019 (54) Aeroderivative gas turbine with improved thermal management (31) 102018000003136 (32) 28.02.18 (33) IT</p>
<hr/> <p>(71) Kankakee Spikeball, Inc. (21) 2019201069 (22) 15.02.2019 (54) Game playable on land or water (31) 15/911,102 (32) 03.03.18 (33) US</p>	<hr/> <p>(71) Mettler-Toledo GmbH (21) 2019201002 (22) 13.02.2019 (54) Dynamic pallet dimensioning - forklift taring (31) 18174220.6 (32) 25.05.18 (33) EP</p>	<hr/> <p>(71) Oculeve, Inc. (21) 2019201088 (22) 15.02.2019 (54) Nasal stimulation devices and methods (62) 2017204782</p>
<hr/> <p>(71) Kittayapong, R. (21) 2019201042 (22) 14.02.2019 (54) SEMI PRE-FABRICATED WALL FOR CONSTRUCTION (31) 1801001429 (32) 09.03.18 (33) TH</p>	<hr/> <p>(71) Minelab Electronics Pty. Limited (21) 2019200964 (22) 12.02.2019 (54) A SIGNAL PROCESSING TECHNIQUE FOR A METAL DETECTOR (31) 2018900430 (32) 12.02.18 (33) AU</p>	<hr/> <p>(71) OneSteel Reinforcing Pty Ltd (21) 2019201022 (22) 14.02.2019 (54) STEEL PRODUCT AND METHOD OF PRODUCING THE PRODUCT (62) 2014252700</p>
<hr/> <p>(71) Koina, P. (21) 2019200928 (22) 11.02.2019 (54) A Support Hook, and a Support Management System using Same (62) 2017216518</p>	<hr/> <p>(71) Murray and Poole Enterprises Limited (21) 2019201048 (22) 14.02.2019 (54) Sustained-release formulations of colchicine and methods of using same (62) 2014255434</p>	<hr/> <p>(71) Optis Cellular Technology, LLC (21) 2019201058 (22) 14.02.2019 (54) Methods and systems for scheduling resources in a telecommunication system (62) 2017203209</p>
<hr/> <p>(71) KSB SAS (21) 2019200954 (22) 12.02.2019 (54) FINGER PUMP (31) 18 70195 (32) 22.02.18 (33) FR</p>	<hr/> <p>(71) National University of Singapore (21) 2019201000 (22) 13.02.2019 (54) Compositions and methods utilizing lysophosphatidylcholine scaffolds (62) 2014324651</p>	<hr/> <p>(71) Optus Administration Pty Ltd (21) 2019201047 (22) 14.02.2019 (54) Method and system for offering digital services within a phone call (62) 2017268674</p>
<hr/> <p>(71) LMK Technologies, LLC (21) 2019201099 (22) 15.02.2019 (54) Device and method for repairing pipe (62) 2016203985</p>	<hr/> <p>(71) Navitaire LLC (21) 2019200958 (22) 12.02.2019 (54) Real-time earned revenue (62) 2017201657</p>	<hr/> <p>(71) Oren Technologies, LLC (21) 2019200979 (22) 12.02.2019 (54) Proppant storage and transfer system and method (62) 2015390112</p>
<hr/> <p>(71) Manufacturas y Transformados Ab S.L.U. (21) 2019201040 (22) 14.02.2019 (54) Flexible reticular structure (31) P201830162 (32) 23.02.18 (33) ES</p>	<hr/> <p>(71) Nevro Corp. (21) 2019201110 (22) 15.02.2019 (54) HIGH FREQUENCY MODULATION OF SACRAL NERVES TO ADDRESS PELVIC PAIN AND GASTROUROGENITAL CONDITIONS, AND ASSOCIATED SYSTEMS AND METHODS (31) 62/631,751 (32) 17.02.18 (33) US 16/276,536 14.02.19 US</p>	<hr/> <p>(71) Owen-Evans, C. (21) 2019200968 (22) 12.02.2019 (54) Apparatus for delivering a flowable material</p>
<hr/> <p>(71) Markovits Rojas, A.; Härting Glade, T.F.; Härting Eckman, S.L. (21) 2019201053 (22) 14.02.2019 (54) Fish oil cholesterol (31) 15/896,263 (32) 14.02.18 (33) US</p>	<hr/> <p>(71) Nortek Air Solutions Canada, Inc. (21) 2019201063 (22) 15.02.2019 (54) Control system and method for a liquid desiccant air delivery system (62) 2014231668</p>	<hr/> <p>(71) Pieris Pharmaceuticals GmbH (21) 2019201007 (22) 13.02.2019 (54) Novel specific-binding polypeptides and uses thereof (62) 2015261968</p>
<hr/> <p>(71) McPharma Biotech Inc. (21) 2019201064 (22) 15.02.2019 (54) TREATMENT OF COLITIS WITH RESISTANT STARCH (31) 62/625,548 (32) 02.02.18 (33) US</p>	<hr/> <p><b>Novartis AG see The Trustees of The University of Pennsylvania</b> (21) 2019201075</p>	<hr/> <p>(71) Prince Lionheart, Inc. (21) 2019201043 (22) 14.02.2019 (54) MOBILE DEVICE COVER WITH DETACHABLE EMF BLOCKER (62) 2014306313</p>
<hr/> <p>(71) MEDI-Clear Ltd (21) 2019201068 (22) 15.02.2019</p>	<hr/> <p>(71) Novoluto GmbH (21) 2019201070 (22) 15.02.2019 (54) Stimulation device (62) 2018200852</p>	<hr/>

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<p>(71) PROMEGA CORPORATION (21) 2019201035 (22) 14.02.2019 (54) Compositions and methods for capture of cellular targets of bioactive agents (62) 2013359160</p>	<p>(54) Power grid photo-voltaic integration using distributed energy storage and management (62) 2017203377</p>	<p>(71) SomaLogic, Inc. (21) 2019201066 (22) 15.02.2019 (54) Method for generating aptamers with improved off-rates (62) 2017202051</p>
<p>(71) Qualcomm Incorporated (21) 2019200920 (22) 08.02.2019 (54) SPONSORED CONNECTIVITY TO CELLULAR NETWORKS USING EXISTING CREDENTIALS (62) 2016229439</p>	<p>(71) Sandstrom, R. (21) 2019200986 (22) 13.02.2019 (54) Magnetic Field Enhancement of Chemotherapy for Tumor Treatment (31) 62/633,794 (32) 22.02.18 (33) US</p>	<p>(71) Sony Corporation (21) 2019201098 (22) 15.02.2019 (54) Decoding device and decoding method, and coding device and coding method (62) 2014335620</p>
<p>(71) Qualcomm Incorporated (21) 2019201071 (22) 15.02.2019 (54) DOWNLINK CHANNEL DESIGN FOR LTE WITH LOW LATENCY (62) 2015321923</p>	<p><b>Schrudder, N.L. see Schrudder, V.</b> (21) 2019201037</p>	<p>(71) SPIRIT OF THE 21ST CENTURY GROUP, LLC (21) 2019200917 (22) 08.02.2019 (54) Modified fuels and methods of making and using thereof (62) 2016250488</p>
<p>(71) Qualcomm Incorporated (21) 2019201080 (22) 15.02.2019 (54) SYSTEMS AND METHODS FOR PERFORMING NETWORK CONFIGURABLE ACCESS AND DATA TRANSFER PROCEDURES (62) 2016362057</p>	<p>(71) Schrudder, V.; Schrudder, N.L. (21) 2019201037 (22) 14.02.2019 (54) Mud mixing bit</p>	<p>(71) Steel-Line Garage Doors Australia Pty Ltd (21) 2019200973 (22) 12.02.2019 (54) A System (31) 2018900829 (32) 13.03.18 (33) AU</p>
<p>(71) Rani Therapeutics, LLC (21) 2019201008 (22) 13.02.2019 (54) Device for oral delivery of therapeutic compounds (62) 2014240401</p>	<p>(71) Sensomatic Electronics LLC (21) 2019201074 (22) 15.02.2019 (54) Systems and methods for mobile point-of-sale process management (62) 2014249734</p>	<p>(71) Sunfolding, Inc. (21) 2019200962 (22) 12.02.2019 (54) Fluidic actuator system and method (62) 2016211175</p>
<p>(71) Rees Operations Pty Ltd (21) 2019201105 (22) 15.02.2019 (54) TOW BAR ASSEMBLY (31) 2018900491 (32) 16.02.18 (33) AU</p>	<p>(71) ServiceNow, Inc. (21) 2019201100 (22) 15.02.2019 (54) Data modelling and flow engine for building automated flows within a cloud based developmental platform (62) 2018229432</p>	<p>(71) Superior Pak Holdings Pty Ltd (21) 2019200978 (22) 12.02.2019 (54) DETECTION SYSTEM FOR FRONT OF A VEHICLE (62) 2016203110</p>
<p>(71) Rees Operations Pty Ltd (21) 2019201106 (22) 15.02.2019 (54) HITCH ASSEMBLY (31) 2018900493 (32) 16.02.18 (33) AU</p>	<p>(71) SMC Corporation (21) 2019200999 (22) 13.02.2019 (54) Valve (31) 2018-024294 (32) 14.02.18 (33) JP</p>	<p>(71) Syngenta Participations AG (21) 2019200992 (22) 13.02.2019 (54) Methods of extending the shelf life of sugarcane stem sections and coated sugarcane stem sections (62) 2015229761</p>
<p>(71) Roadtec, Inc. (21) 2019200959 (22) 12.02.2019 (54) Cold in-place recycling with heating assembly including a heater for asphalt cement and a heat-modifying component (31) 62/629,296 (32) 12.02.18 (33) US</p>	<p>(71) Smith, L. (21) 2019200947 (22) 11.02.2019 (54) Methods and compositions for modulating gene expression using oligonucleotide based drugs administered in vivo or in vitro (62) 2017200198</p>	<p>(71) Tata Steel Limited (21) 2019201093 (22) 15.02.2019 (54) Smelting Process and Apparatus (62) 2014366893</p>
<p>(71) Robert Bosch GmbH (21) 2019201083 (22) 15.02.2019 (54) Surface water sport monitoring system for improving driver awareness (31) 62/620,128 (32) 22.01.18 (33) US</p>	<p>(71) Snap-on Incorporated (21) 2019201078 (22) 15.02.2019 (54) Control button retention mechanism (62) 2017201723</p>	<p>(71) Techtronic Industries Company Limited (21) 2019201094 (22) 15.02.2019 (54) Dual-voltage brushless motor (62) 2015378453</p>
<p>(71) S&amp;C Electric Company (21) 2019200939 (22) 11.02.2019</p>	<p>(71) Snap-on Incorporated (21) 2019201089 (22) 15.02.2019 (54) Hydraulic power unit for jack with internally adjustable safety relief valve (31) 16/101,754 (32) 13.08.18 (33) US</p>	<p>(71) Terex GB Limited (21) 2019201018 (22) 14.02.2019 (54) A CONVEYOR SYSTEM WITH WEIGHING CAPABILITY (31) 1803200.3 (32) 27.02.18 (33) GB 1819633.7 30.11.18 GB</p>

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(71) The Boeing Company  
(21) 2019200970 (22) 12.02.2019  
(54) Robotic system and method for operating on a workpiece  
(31) 15/927,994 (32) 21.03.18 (33) US

(71) The Boeing Company  
(21) 2019200984 (22) 13.02.2019  
(54) Laminated composite structures with interlaminar corrugations to improve impact damage resistance, and system and method of forming the same  
(31) 15/898,214 (32) 15.02.18 (33) US

(71) The Boeing Company  
(21) 2019201038 (22) 14.02.2019  
(54) Hydraulic system for a vehicle and method of using the same  
(31) 15/933,334 (32) 22.03.18 (33) US

(71) The Boeing Company  
(21) 2019201057 (22) 14.02.2019  
(54) Caul plates that define channels for distributing resin to composite parts  
(31) 15/940,074 (32) 29.03.18 (33) US

(71) The NOCO Company  
(21) 2019201081 (22) 15.02.2019  
(54) Battery connector device for a battery jump starting device  
(62) 2017217661

(71) The Rockefeller University; California Institute of Technology  
(21) 2019200972 (22) 12.02.2019  
(54) HUMAN IMMUNODEFICIENCY VIRUS NEUTRALISING ANTIBODIES AND METHODS OF USE THEREOF  
(62) 2017204563

(71) The Rockefeller University; California Institute of Technology  
(21) 2019201039 (22) 14.02.2019  
(54) BROADLY-NEUTRALIZING ANTI-HIV ANTIBODIES  
(62) 2013331049

(71) The Scripps Research Institute  
(21) 2019200922 (22) 08.02.2019  
(54) CHIMERIC POLYPEPTIDES HAVING TARGETED BINDING SPECIFICITY  
(62) 2013312801

(71) The Trustees of The University of Pennsylvania; University of Pittsburgh - of the Commonwealth System of Higher Education; Novartis AG  
(21) 2019201075 (22) 15.02.2019  
(54) Treatment of cancer using humanized anti-EGFRVIII chimeric antigen receptor  
(62) 2014218976

(71) The University of Queensland  
(21) 2019201090 (22) 15.02.2019  
(54) Separator  
(62) 2014360673

**Toshiba Infrastructure Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
(21) 2019201005

(71) TRANSPORTME Pty Ltd  
(21) 2019200940 (22) 11.02.2019  
(54) TICKET AND CONVEYANCE MANAGEMENT SYSTEMS  
(62) 2014280858

(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED  
(21) 2019201003 (22) 13.02.2019  
(54) Non-autonomous electric garden tool and method for controlling operation of non-autonomous electric garden tool  
(31) 18156801.5 (32) 14.02.18 (33) EP

(71) TYR Tactical, LLC  
(21) 2019200946 (22) 11.02.2019  
(54) BALLISTIC DOLLY SYSTEM  
(31) 15/896,840 (32) 14.02.18 (33) US

(71) Uber Technologies, Inc.  
(21) 2019200934 (22) 11.02.2019  
(54) AUTONOMOUS VEHICLE OPERATED WITH GUIDE ASSISTANCE  
(62) 2016262563

(71) Uber Technologies, Inc.  
(21) 2019200957 (22) 12.02.2019  
(54) USER-CONFIGURABLE INDICATION DEVICE FOR USE WITH AN ON-DEMAND SERVICE  
(62) 2017265095

(71) Univation Technologies, LLC  
(21) 2019200925 (22) 11.02.2019  
(54) PRODUCING POLYOLEFIN PRODUCTS  
(62) 2015217391

(71) University of Florida Research Foundation, Inc.  
(21) 2019200949 (22) 11.02.2019  
(54) HIGH-TRANSDUCTION-EFFICIENCY RAAV VECTORS, COMPOSITIONS, AND METHODS OF USE  
(62) 2013262804

**University of Pittsburgh - of the Commonwealth System of Higher Education see The Trustees of The University of Pennsylvania**  
(21) 2019201075

(71) Vanderbilt University  
(21) 2019200952 (22) 12.02.2019  
(54) Substituted 2-(4-heterocyclylbenzyl)isoindolin-1-one analogs as positive allosteric modulators of the muscarinic acetylcholine receptor M1  
(62) 2017204409

(71) Vaxxas Pty Limited  
(21) 2019201051 (22) 14.02.2019  
(54) DELIVERY DEVICE  
(62) 2017204622

(71) Vibrant Holdings, LLC  
(21) 2019200921 (22) 08.02.2019  
(54) Peptide microarrays and novel biomarkers for celiac disease  
(62) 2015314934

(71) Victory Industrial Corporation  
(21) 2019201082 (22) 15.02.2019  
(54) Insulated output assembly for vehicle alternating current generator

(71) Visa International Service Association  
(21) 2019201056 (22) 14.02.2019  
(54) SYSTEMS AND METHODS FOR INTEROPERABLE NETWORK TOKEN PROCESSING  
(62) 2014292980

**Waters, R. see Waters, T.**  
(21) 2019201103

(71) Waters, T.; Waters, R.; Barrett, R.  
(21) 2019201103 (22) 15.02.2019  
(54) Cryptography Method and System for Securing Data Via Electronic Transmission

(71) Werner Co.  
(21) 2019200935 (22) 11.02.2019  
(54) Ladder with Top for Holding an Impact Driver and Method  
(31) 15/903,904 (32) 23.02.18 (33) US

**Woodford, C.N. see Woodford, N.**  
(21) 2019201025

(71) Woodford, N.; Woodford, C.N.  
(21) 2019201025 (22) 14.02.2019  
(54) A TRUSS  
(31) 2018900852 (32) 15.03.18 (33) AU

(71) X-CHEM, INC.  
(21) 2019200965 (22) 12.02.2019  
(54) Methods for tagging DNA-encoded libraries  
(62) 2017201146

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(71) Zoetis Services LLC  
(21) 2019200941 (22) 11.02.2019  
(54) Anti-GnRH vaccine  
(31) 62/629,287 (32) 12.02.18 (33) US

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(71) Zoetis Services LLC  
(21) 2019200943 (22) 11.02.2019  
(54) Vaccine against Bovine Viral Diarrhea  
Virus  
(31) 62/629,320 (32) 12.02.18 (33) US

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(71) Zou, G.  
(21) 2019201091 (22) 15.02.2019  
(54) MULTIPLE CO-FREQUENCY MI-  
CROWAVES DETECTION ANTENNA,  
MANUFACTURE METHOD THEREOF  
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(31) 201811571105.7 (32) 21.12.18 (33) CN

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2019200916	Intelli Particle Pty Ltd	2019200988	GENENTECH, INC.
2019200917	SPIRIT OF THE 21ST CENTURY GROUP, LLC	2019200989	Chye, P.; Jensen, K.; Fisher, A.
2019200918	Canon Kabushiki Kaisha	2019200990	JVC Kenwood Corporation
2019200920	Qualcomm Incorporated	2019200991	Clawson, J.
2019200921	Vibrant Holdings, LLC	2019200992	Syngenta Participations AG
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2019200923	Dow AgroSciences LLC	2019200994	Nuovo Pignone Tecnologie Srl
2019200924	ink srl	2019200995	Abbott Diabetes Care Inc.
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2019200926	Biosense Webster (Israel) Ltd.	2019200997	Dane Pty Ltd
2019200927	Elbex Video Ltd.	2019200998	Ariel-University Research and Development Company Ltd.
2019200928	Koina, P.	2019200999	SMC Corporation
2019200930	Honda Motor Co., Ltd.	2019201000	National University of Singapore
2019200931	Honda Motor Co., Ltd.	2019201001	Accenture Global Solutions Limited
2019200932	Dolby International AB	2019201002	Mettler-Toledo GmbH
2019200933	Digital Asset (Switzerland) GmbH	2019201003	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2019200934	Uber Technologies, Inc.	2019201004	Covidien LP
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2019200938	Analyticon Discovery GmbH	2019201006	Ethicon, Inc.
2019200939	S&C Electric Company	2019201007	Pieris Pharmaceuticals GmbH
2019200940	TRANSPORTME Pty Ltd	2019201008	Rani Therapeutics, LLC
2019200941	Zoetis Services LLC	2019201009	Aristocrat Technologies Australia Pty Limited
2019200942	INHIBRX, INC.	2019201010	Frank's International, LLC
2019200943	Zoetis Services LLC	2019201011	Ionis Pharmaceuticals, Inc.
2019200944	Accenture Global Solutions Limited	2019201012	Guangzhou Anland ST Co., Ltd
2019200945	Accenture Global Solutions Limited	2019201013	Guangzhou Anland ST Co., Ltd
2019200946	TYR Tactical, LLC	2019201015	Agency for Defense Development
2019200947	Smith, L.	2019201016	ARB LABS INC.
2019200948	Airmow Holdings Pty Ltd	2019201017	Husqvarna AB
2019200949	University of Florida Research Foundation, Inc.	2019201018	Terex GB Limited
2019200950	Halliburton Energy Services, Inc.	2019201019	INFICON GmbH
2019200951	Adobe Inc.	2019201020	Detnet South Africa (Pty) Ltd
2019200952	Vanderbilt University	2019201021	Darktrace Limited
2019200953	ADTRAN, Inc.	2019201022	OneSteel Reinforcing Pty Ltd
2019200954	KSB SAS	2019201023	Chomley Consulting Pty. Ltd
2019200955	Apple Inc.	2019201024	Aristocrat Technologies Australia Pty Limited
2019200957	Uber Technologies, Inc.	2019201025	Woodford, N.; Woodford, C.N.
2019200958	Navitaire LLC	2019201026	Jay-Lor International Inc.
2019200959	Roadtec, Inc.	2019201027	Fisher & Paykel Healthcare Limited
2019200960	GIMER MEDICAL. CO. LTD.	2019201028	Great Plains Manufacturing, Inc.
2019200961	CHAN, Y.	2019201029	Covidien LP
2019200962	Sunfolding, Inc.	2019201030	Aristocrat Technologies Australia Pty Limited
2019200963	FUJIFILM Corporation	2019201031	Great Plains Manufacturing, Inc.
2019200964	Minelab Electronics Pty. Limited	2019201032	Covidien LP
2019200965	X-CHEM, INC.	2019201033	Covidien LP
2019200966	Meridian Medical Technologies, Inc.	2019201034	Animas Corporation
2019200967	Amazon Technologies, Inc.	2019201035	PROMEGA CORPORATION
2019200968	Owen-Evans, C.	2019201036	Graco Minnesota Inc.
2019200969	Softbank Robotics Europe	2019201037	Schrudder, V.; Schrudder, N.L.
2019200970	The Boeing Company	2019201038	The Boeing Company
2019200971	Covidien LP	2019201039	The Rockefeller University; California Institute of Technology
2019200972	The Rockefeller University; California Institute of Technology	2019201040	Manufacturas y Transformados Ab S.L.U.
2019200973	Steel-Line Garage Doors Australia Pty Ltd	2019201041	Evolution Engineering Inc.
2019200974	Fuji Xerox Co., Ltd.	2019201042	Kittayapong, R.
2019200975	Applied Biomimetic A/S	2019201043	Prince Lionheart, Inc.
2019200976	Canon Kabushiki Kaisha	2019201044	CRISI Medical Systems, Inc.
2019200977	Bavarian Nordic A/S	2019201045	Intersect ENT, Inc.
2019200978	Superior Pak Holdings Pty Ltd	2019201046	Becton, Dickinson and Company
2019200979	Oren Technologies, LLC	2019201047	Optus Administration Pty Ltd
2019200980	Aristocrat Technologies Australia Pty Limited	2019201048	Murray and Poole Enterprises Limited
2019200981	Aristocrat Technologies Australia Pty Limited	2019201049	GE Global Sourcing LLC
2019200982	CAMURUS AB	2019201050	Electrocore LLC
2019200983	Caterpillar Inc.	2019201051	Vaxxas Pty Limited
2019200984	The Boeing Company		
2019200985	Aristocrat Technologies Australia Pty Limited		



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2019201052 Gen9, Inc.  
2019201053 Markovits Rojas, A.; Härting Glade, T.F.; Härting Eckman, S.L.  
2019201054 CRISI Medical Systems, Inc.  
2019201055 Avery Dennison Corporation  
2019201056 Visa International Service Association  
2019201057 The Boeing Company  
2019201058 Optis Cellular Technology, LLC  
2019201059 Covidien LP  
2019201060 AMO Development, LLC.  
2019201061 Etel Limited  
2019201062 Huawei Technologies Co., Ltd.  
2019201063 Nortek Air Solutions Canada, Inc.  
2019201064 McPharma Biotech Inc.  
2019201065 Apple Inc.  
2019201066 SomaLogic, Inc.  
2019201067 Hunter Douglas Inc.  
2019201068 MEDI-Clear Ltd  
2019201069 Kankakee Spikeball, Inc.  
2019201070 Novoluto GmbH  
2019201071 Qualcomm Incorporated  
2019201072 Cidara Therapeutics, Inc.  
2019201073 3M Innovative Properties Company  
2019201074 Sensormatic Electronics LLC  
2019201075 The Trustees of The University of Pennsylvania; University of Pittsburgh - of the Commonwealth System of Higher Education; Novartis AG  
2019201076 Flomax International, Inc.  
2019201077 FISHER & PAYKEL HEALTHCARE LIMITED  
2019201078 Snap-on Incorporated  
2019201079 HRO Holdings Pty Ltd  
2019201080 Qualcomm Incorporated  
2019201081 The NOCO Company  
2019201082 Victory Industrial Corporation  
2019201083 Robert Bosch GmbH  
2019201084 Brien Holden Vision Institute  
2019201085 GERMANIA HOME APPLIANCE CO., LTD  
2019201086 Nuovo Pignone Srl  
2019201087 Cilag GmbH International  
2019201088 Oculeve, Inc.  
2019201089 Snap-on Incorporated  
2019201090 The University of Queensland  
2019201091 Zou, G.  
2019201092 Aristocrat Technologies Australia Pty Limited  
2019201093 Tata Steel Limited  
2019201094 Techtronic Industries Company Limited  
2019201095 Dejero Labs Inc.  
2019201096 Covidien LP  
2019201097 Illinois Tool Works Inc.  
2019201098 Sony Corporation  
2019201099 LMK Technologies, LLC  
2019201100 ServiceNow, Inc.  
2019201101 Apple Inc.  
2019201102 Freestyle Technology Limited  
2019201103 Waters, T.; Waters, R.; Barrett, R.  
2019201104 Board of Regents, The University of Texas System  
2019201105 Rees Operations Pty Ltd  
2019201106 Rees Operations Pty Ltd  
2019201107 Aristocrat Technologies Australia Pty Limited  
2019201109 Aristocrat Technologies Australia Pty Limited  
2019201110 Nevro Corp.  
2019201111 Boston Scientific Scimed, Inc.  
2019201113 Covidien LP  
2019201124 Davies Collison Cave Pty Ltd

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Feb 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) AME Pty Ltd (21) 2019100173 (22) 15.02.2019 (54) Improvements In or Relating to Subsea Technology (62) 2018241086</p> <hr/> <p>(71) AME Pty Ltd (21) 2019100174 (22) 15.02.2019 (54) Improvements in or Relating to Anchors (62) 2018241087</p> <hr/> <p>(71) AME Pty Ltd (21) 2019100175 (22) 15.02.2019 (54) Compensated Elevator Link (62) 2018241088</p> <hr/> <p>(71) China Automotive Engineering Research Institute Co., Ltd.; Chongqing University (21) 2019100158 (22) 14.02.2019 (54) Three-leaf spring structure and automobile (31) 201811556267.3 (32) 19.12.18 (33) CN</p> <hr/> <p><b>Chongqing University see China Automotive Engineering Research Institute Co., Ltd.</b> (21) 2019100158</p> <hr/> <p>(71) Chye, P.; Jensen, K.; Fisher, A. (21) 2019100148 (22) 13.02.2019 (54) A business and youth employment-oriented service that operates via websites and mobile apps allowing job applicants to create and upload a full electronic picture, visual and video based resume of themselves for the purpose of self marketing, employment and recruiting for prospective employers who can search for applicants using many filters.</p> <hr/> <p>(71) Crawford, J.S. (21) 2019100155 (22) 13.02.2019 (54) PORTABLE KITCHEN ASSEMBLY (62) 2013206765</p> <hr/> <p>(71) Croft, T. (21) 2019100161 (22) 14.02.2019 (54) Modification of our North East Link</p> <hr/> <p>(71) Elvinco Plastics Pty Ltd (21) 2019100167 (22) 15.02.2019</p>	<p>(54) A Foot for A Bulk Container</p> <hr/> <p><b>Fisher, A. see Chye, P.</b> (21) 2019100148</p> <hr/> <p>(71) GENUINE TREASURE CONSTRUCTION TECHNOLOGY COMPANY LIMITED (21) 2019100147 (22) 13.02.2019 (54) Fast Moving Installation Supporting System (31) 201810545176.3 (32) 31.05.18 (33) CN</p> <hr/> <p>(71) IP Reserve Pty Ltd (21) 2019100172 (22) 15.02.2019 (54) Plunge pool (31) 2018900498 (32) 16.02.18 (33) AU</p> <hr/> <p>(71) JACOBS GREEN TECHNOLOGIES PTY. LTD. (21) 2019100162 (22) 14.02.2019 (54) Banana Grader and Sorter (31) 2018900506 (32) 18.02.18 (33) AU</p> <hr/> <p><b>Jensen, K. see Chye, P.</b> (21) 2019100148</p> <hr/> <p>(71) Jinhua AiLiSi Curtain Co., Ltd. (21) 2019100144 (22) 12.02.2019 (54) AN OUTDOOR ROLLING CURTAIN</p> <hr/> <p>(71) Lin, M.C. (21) 2019100145 (22) 12.02.2019 (54) Teaching aids for financial analysis</p> <hr/> <p>(71) Lyons, J. (21) 2019100150 (22) 13.02.2019 (54) A MODULAR PHOTOVOLTAIC LOUVERED DEVICE (62) PCT/AU2017/051003</p> <hr/> <p>(71) McCorkell, P. (21) 2019100159 (22) 14.02.2019 (54) A joining bracket for modular frames constructed of tubular metal sections. (31) 2018901527 (32) 04.05.18 (33) AU</p> <hr/> <p>(71) McGilvray, M. (21) 2019100176 (22) 15.02.2019 (54) McGilvrays power - A design to supply endless electricity with a self sufficient powered machine</p> <hr/>	<p>(71) Multigate Medical Products Pty Ltd (21) 2019100169 (22) 15.02.2019 (54) A Clip</p> <hr/> <p>(71) Multigate Medical Products Pty Ltd (21) 2019100171 (22) 15.02.2019 (54) A Pinch Valve Mechanism</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100156 (22) 14.02.2019 (54) Flotation arrangement (31) PCT/ FI2018/050107 (32) 14.02.18 (33) FI</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100157 (22) 14.02.2019 (54) Flotation arrangement (31) PCT/ FI2018/050108 (32) 14.02.18 (33) FI</p> <hr/> <p>(71) Reddiex, A. (21) 2019100164 (22) 14.02.2019 (54) DarterKart</p> <hr/> <p>(71) Revelian Pty Ltd (21) 2019100170 (22) 15.02.2019 (54) A GRANULAR METHOD FOR MEASUREMENT AND ANALYSIS OF MENTAL CAPABILITIES OR CONDITIONS AND A PLATFORM THEREFOR (31) 2019900288 (32) 31.01.19 (33) AU</p> <hr/> <p>(71) Sadler, H. (21) 2019100146 (22) 12.02.2019 (54) Digital Invoice Wallet: Methods, Applications, Systems and Processes for Transferring Invoices to Buyers Seamlessly in Digital Format without the Need for Buyers to Share Their Personal Details</p> <hr/> <p>(71) Scott Automation &amp; Robotics Pty Ltd (21) 2019100165 (22) 15.02.2019 (54) OPERATOR PROTECTION SYSTEM FOR ELECTRIC SAW (62) 2015327752</p> <hr/> <p>(71) Scott Automation &amp; Robotics Pty Ltd (21) 2019100166 (22) 15.02.2019 (54) SAFETY APPARATUS FOR PROTECTING AN OPERATOR OF AN ELECTRICALLY POWERED SAW (62) 2015318757</p> <hr/>
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Innovation Patent Applications Filed - Name Index cont'd

- (71) SEnterpriSys Limited  
 (21) 2019100163 (22) 14.02.2019  
 (54) Automated building construction project management system
- 
- (71) Sha, R.  
 (21) 2019100152 (22) 13.02.2019  
 (54) salvator safety in a single touch
- 
- (71) SKINPROTECT CORPORATION SDN BHD  
 (21) 2019100151 (22) 13.02.2019  
 (54) Elastomeric gloves and methods for their production  
 (62) 2018204560
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- (71) SKYTENT PTY LTD  
 (21) 2019100141 (22) 11.02.2019  
 (54) A tent door and a tent
- 
- (71) SKYTENT PTY LTD  
 (21) 2019100142 (22) 11.02.2019  
 (54) a tent rooftop covering and a tent
- 
- (71) SKYTENT PTY LTD  
 (21) 2019100143 (22) 11.02.2019  
 (54) a tent window and a tent
- 
- (71) SKYTENT PTY LTD  
 (21) 2019100153 (22) 13.02.2019  
 (54) a tent with multiple rooms
- 
- (71) SKYTENT PTY LTD  
 (21) 2019100154 (22) 13.02.2019  
 (54) An assembly structure for a tent with a rigid rooftop covering
- 
- (71) TAOUK, A.  
 (21) 2019100149 (22) 13.02.2019  
 (54) IMPROVED HAND-HELD BEVERAGE CONTAINER WITH BUILT-IN STORAGE COMPARTMENT  
 (31) 2018900514 (32) 19.02.18 (33) AU
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- (71) Tinkler, A.  
 (21) 2019100168 (22) 15.02.2019  
 (54) MEASURING AND COMPARING PHYSICAL PERFORMANCE ALONG ROUTES  
 (62) PCT/AU2017/050736
- 
- (71) WE TEST PTY LTD  
 (21) 2019100160 (22) 14.02.2019  
 (54) We Test: At-Home Urine Test for Health & Wellbeing  
 (62) 2017101134

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2019100141	SKYTENT PTY LTD	2019100159	McCorkell, P.
2019100142	SKYTENT PTY LTD	2019100160	WE TEST PTY LTD
2019100143	SKYTENT PTY LTD	2019100161	Croft, T.
2019100144	Jinhua AiLiSi Curtain Co., Ltd.	2019100162	JACOBS GREEN TECHNOLOGIES PTY. LTD.
2019100145	Lin, M.C.	2019100163	SEnterpriSys Limited
2019100146	Sadler, H.	2019100164	Reddiex, A.
2019100147	GENUINE TREASURE CONSTRUCTION TECHNO- LOGY COMPANY LIMITED	2019100165	Scott Automation & Robotics Pty Ltd
2019100148	Chye, P.; Jensen, K.; Fisher, A.	2019100166	Scott Automation & Robotics Pty Ltd
2019100149	TAOUK, A.	2019100167	Elvinco Plastics Pty Ltd
2019100150	Lyons, J.	2019100168	Tinkler, A.
2019100151	SKINPROTECT CORPORATION SDN BHD	2019100169	Multigate Medical Products Pty Ltd
2019100152	Sha, R.	2019100170	Revelian Pty Ltd
2019100153	SKYTENT PTY LTD	2019100171	Multigate Medical Products Pty Ltd
2019100154	SKYTENT PTY LTD	2019100172	IP Reserve Pty Ltd
2019100155	Crawford, J.S.	2019100173	AME Pty Ltd
2019100156	Outotec (Finland) Oy	2019100174	AME Pty Ltd
2019100157	Outotec (Finland) Oy	2019100175	AME Pty Ltd
2019100158	China Automotive Engineering Research Institute Co., Ltd.; Chongqing University	2019100176	Mcgilvray, M.

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

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

The codes next to each number have the following meanings:

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

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 2018900550 ( 12AN ) 2018900906 ( 12AN ) 2018900992 ( 12AN )  
 2018901094 ( 12AN ) 2018901630 ( 12AN )

**2019**

2019201021 ( 12AN ) 2019201124 ( 12AN )

**Assignments before Grant, Section 113**

**2015**

2015287252 Facebook, Inc. The application has been assigned to **Facebook Technologies, LLC**

2015300725 Facebook, Inc. The application has been assigned to **Facebook Technologies, LLC**

2015302865 Facebook, Inc. The application has been assigned to **Facebook Technologies, LLC**

2015411918 Biserkon Holdings Ltd. The application has been assigned to **Advanced Technology Assets B.V.**

**2016**

2016222716 Facebook, Inc. The application has been assigned to **Facebook Technologies, LLC**

2016268872 Kelly, Melanie; Lynch, Mary The application has been assigned to **Panag Pharma Inc.**

2016279051 CytRx Corporation The application has been assigned to **Centurion BioPharma Corporation**

**Assignments before Grant, Section 113**

2016289260 Yau, Kam The application has been assigned to **Shenzhen Smarlean Hygiene Co.,Ltd**

2016334360 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334366 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334367 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334369 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334370 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334371 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334372 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334373 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016334375 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016335871 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016335872 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

2016335874 Johnson Controls Technology Company The application has been assigned to **Con Edison Battery Storage, LLC.**

**2017**

2017202391 Bose Corporation The application has been assigned to **ClearMotion Acquisition I LLC**

2017225905 Ketsimur, Catherine; Nicholas, Michael; Recovery App Pty Ltd; Newton-John, Toby; Nicholson-Perry, Kathryn The application has been assigned to **Recovery App Pty Ltd**

2017296286 Apex Biomedical Company, LLC The application has been assigned to **Revelation Plating, LLC**

**2018**

2018203600 TomTom International B.V. The application has been assigned to **TomTom Traffic B.V.**

2018904852 NANN, Thomas; BORAH, Rohan; HUGHSON, Fraser The application has been assigned to **Victoria Link Limited**

**Extensions of Time, Section 223**

**Applications Received**

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

**2003**

2003246470 **Gonzaga Granja Filho, L.** An application to extend the time from 28 Jul 2017 to 28 Dec 2018 in which to pay a renewal fee has been filed . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2007**

2007203529 **Cardiac Responder, Inc.** An application to extend the time from 27 Jul 2018 to 27 Feb 2019 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2007263131 **Nagravision S.A.** An application to extend the time from 05 Jun 2018 to 05 Feb 2019 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2007263133 **Nagravision S.A.** An application to extend the time from 05 Jun 2018 to 05 Feb 2019 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2011**

2011282461 **Nabe Pty Ltd** An application to extend the time from 18 Jul 2018 to 18 Feb 2019 in which to pay a renewal continuation fee has been filed . Address for service - MINTER ELLISON Level 23, Rialto Towers 525 Collins Street Melbourne ACT 3000 AU

**2013**

2013100577 **LOUVRE SYSTEMS AUSTRALIA PTY LTD** An application to extend the time from 28 Apr 2017 to 28 Jan 2019 in which to pay a renewal fee has been filed . Address for service - LOUVRE SYSTEMS AUSTRALIA PTY LTD Po Box 2381 Redcliffe North QLD 4020 AU

2013278969 **PMDA Services Pty Ltd** An application to extend the time from 04 Jun 2018 to 04 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Guilherme Scomparim 40 Murdoch Street Ermington NSW 2115 AU

**2014**

2014246649 **McCallum, D.; Box, S.** An application to extend the time from 28 Mar 2018 to 28 Nov 2018 in which to pay the renewal fee has been filed . Address for service - SELINA BOX & DAVID A MCCALLUM PO BOX 86 Redbank QLD 4301 AU

**2016**

2016210607 **INTEGRAL ANALYTICS, INC.** An application to extend the time from 14 Jan 2017 to 14 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

## Extensions of Time, Section 223

### Applications Allowed - Section 223(2)

#### 2013

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

#### 2014

2014200712 **Shubin Sr., S.** The time in which to pay a renewal fee has been extended to 11 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

#### 2015

2015303818 **Newsouth Innovations Pty Limited** The time in which to enter the national phase has been extended to 11 Aug 2018 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

#### 2017

2017247696 **Medclear Healthcare Private Limited** The time in which to enter the National Phase has been extended to 07 Dec 2018 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

2017288553 **Gasser, Klaus** The time in which to enter the National Phase has been extended to 28 Feb 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

#### 2018

2018101360 **Specialised Pool Repairs** The time in which to comply with a direction under Reg 3.2B has been extended to 20 Feb 2019 . Address for service - Specialised Pool Repairs 903/21 Bow River Crescent Burswood WA 6100 AU

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

2018279038 **Bespoke Medical Innovations Pty Ltd** The time in which to associate with a complete application has been extended to 11 Jan 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

#### 2019

2019200253 **Landmark Graphics Corporation** The time in which to make a further application for a divisional patent has been extended to 23 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2019200468 **AUSSIB GROUPS PTY LTD** The time in which to make a further application for a divisional patent has been extended to 19 Feb 2019 . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

## Amendments

### Applications for Amendment

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

## Amendments

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

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

#### 2005

2005218018 Feed trough for livestock **Trail, M.** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2005320349 Antibodies against clostridium difficile toxins and uses thereof **University of Massachusetts ; E. R. Squibb & Sons, L.L.C.** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2018 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

#### 2010

2010286347 Liquid reservoir connection system **Aranoc Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2018 . Address for service - Pini IP 100 Webb St Fitzroy VIC 3065 AU

#### 2011

2011211356 Enhanced bimatoprost ophthalmic solution **Allergan, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

#### 2013

2013260683 WEARABLE ELECTRONIC DEVICE **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2019 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013292312 System and method to process transactions at retail fueling facilities **Wayne Fueling Systems LLC** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

#### 2014

2014201979 WALL STRUCTURE AND METHOD **CSR Building Products Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jan 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2014251443 Dicarboxylic acid bisamide derivatives, use thereof, pharmaceutical composition based thereon and methods for producing dicarboxylic acid bisamide derivatives **Treamid Therapeutics GmbH** The nature of the amendment is as shown in the statement(s) filed 23 Jan 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014262374 A method of, and a system for, controlling a drilling operation **Technological Resources Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2019 . Ad-



**Amendments**

dress for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2014281415 Aquatic environment water parameter testing systems and methods **Step Ahead Innovations Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2019 . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

2014336099 Glucagon analogues **Boehringer Ingelheim International GmbH ; Zealand Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2014368945 Heterocyclic modulators of lipid synthesis and combinations thereof **3-V Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2019 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**2015**

2015226979 Automated below ground cable installation within a select fill **Quanta Associates, L.P.** The nature of the amendment is: Amend the name of the inventor to read Gluskin, Mark A.; Quackenbush, Karl; Baker, Jr., James M.; Harrison, Rick; Specht, Jr., Edward and Kelly, Brian . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015346575 Multi-functional fecal waste and garbage processor and associated methods **Bill & Melinda Gates Foundation** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015367396 3-(6-alkoxy-5-chlorobenzo[d]isoxazol-3-yl)propanoic acid useful as kynurenine monooxygenase inhibitors **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016313174 Apparatus and methods for electrically grounding at least one mat in a load-supporting surface **Newpark Mats & Integrated Services LLC** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2019 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2017**

2017101796 A method of manufacturing a refrigerator for a recreational vehicle **Dometic Sweden AB** The nature of the amendment is: Amend the name of the inventor to read Lundqvist, Anton; Peng, Wang; Bin, Zhang Yong and Li, Weng Xiao . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017219100 Bromodomain inhibitors **AbbVie Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017226510 A PDL-1 ANTIBODY, PHARMACEUTICAL COMPOSITION THEREOF AND USE THEREOF **Sichuan Kelun-Biotech Bio-**

**Amendments**

**pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2018**

2018100549 STRETCHER LOADING ASSEMBLY **HeliMods Pty Ltd** The nature of the amendment is: Amend the priority details to remove 2017100274 08 Mar 2017 AU . Address for service - Madderns Pty Ltd Level 4 19 Gouger Street Adelaide SA 5000 AU

2018201144 Semi-constrained anchoring system for correcting a spinal deformity **K2M, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2019 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

**Amendments Made**

**2003**

2003212040 **Biocryst Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2018

**2007**

2007252290 **Allotz.com Limited** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2018

**2010**

2010317166 **Bayer Intellectual Property GmbH** The nature of the amendment is as shown in the statement filed 02 Nov 2018

**2012**

2012334829 **Soprano Design Limited** The nature of the amendment is as shown in the statement filed 26 Oct 2018

**2013**

2013202231 **Australian Mobile Mining Equipment Systems and Accessories Pty. Limited** The nature of the amendment is as shown in the statement filed 05 Oct 2018

2013211543 **S T Couplers Limited** The nature of the amendment is as shown in the statements filed 24 Aug 2018 and 12 November 2018

2013315186 **BLY IP Inc.** The nature of the amendment is: Amend the name of the inventor to read Drenth, Christopher L. and Littely, Keith William

2013325107 **Agriculture Victoria Services Pty Ltd** The nature of the amendment is as shown in the statement filed 08 Nov 2018

**2014**

2014383001 **Arkistruct Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019

2014383001 **Arkistruct Ltd.** The nature of the amendment is: Application is to proceed under the number 2014101648

**Amendments**

**2015**

2015232585 **Fuji Tecom Inc.** The nature of the amendment is: Amend the invention title to read Detection method and detection device of buried metal

2015257917 **Evotec International GmbH** The nature of the amendment is as shown in the statement filed 05 Oct 2018

2015266278 **Inventio AG** The nature of the amendment is as shown in the statement filed 15 Nov 2018

2015299270 **Siemens Aktiengesellschaft** The nature of the amendment is: Amend the name of the inventor to read Freundt, Karsten; Kaletta, Hartmut; Malitz, Andreas; SCHÜMANN, Ulf and Taylor, Erik D.

2015347306 **Ferno-Washington, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2018

**2016**

2016201290 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2016102409

2016202479 **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.

2016202856 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2016102407

2016222369 **Adaptive Spectrum and Signal Alignment, Inc.** The nature of the amendment is: Amend the name of the inventor to read Yun, Sungho; Hernandez ,Carlos Garcia.; Balakrishnan, Manikanden and Rhee, Wonjong

2016226234 **Synlogic Operating Company, Inc.** The nature of the amendment is: Amend the name of the inventor to read Falb, Dean; Isabella, Vincent M; Kotula, Jonathan W. and Miller, Paul F

2016249627 **Adolf Würth GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Assortment box and arrangement with at least one assortment box and a retaining strip

2016277659 **WILSON, R.** The nature of the amendment is as shown in the statement filed 08 Feb 2019

**2017**

2017200093 **CP Kelco U.S., Inc.** The nature of the amendment is as shown in the statement filed 19 Nov 2018

2017202511 **Vermeer Manufacturing Company** The nature of the amendment is as shown in the statement filed 04 Feb 2019

2017222644 **The Wistar Institute of Anatomy and Biology; The Trustees of the University of Pennsylvania** The nature of the amendment is: to add co-applicant The Wistar Institute of Anatomy and Biology

**Amendments**

2017241594 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Wood Jr., Policarpo Bonilla; Clarke, Graham R.; Folse, Jennifer L.C.; Bachman, William M.; Ponson, Florian Miles; Lemay, Stephen O.; Voss, Justin T.; Smochko, Michael; Loch-head, Jonathan and Carrigan, Taylor G.

2017281297 **Konecranes Global Corporation** The nature of the amendment is: Amend the name of the inventor to read Wieschemann, Armin; Aldejohann, Stefan; Schulz, Heiko; Schmidt-Ewig, Jan-Philipp and Eichner, Heinz

2017281407 **Xeda International S.A.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019

2017298438 **ISHIHARA SANGYO KAISHA, LTD.** The nature of the amendment is: Amend the invention title to read Peptide effective in control of geminivirus disease and use thereof

2017304972 **Nippon Steel & Sumitomo Metal Corporation; Dai-ichi High Frequency Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Sugiyama, Kenji; Matsumoto, Nobuhiko; Harada, Ryuta; Saita, Kenji and Yamamoto, Takeshi

2017306560 **NextCure, Inc.** The nature of the amendment is: Amend the name of the inventor to read Flies, Dallas Benjamin; Liu, Linda and Langermann, Solomon

2017308688 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA SENDING METHOD, SIGNALING SENDING METHOD, APPARATUS, AND SYSTEM

2017309751 **Dompe' Farmaceutici S.p.A.** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2019

2017310017 **Wim de Laat Consultancy B.V.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019

2017310759 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Multi-channel signal encoding method and encoder

2017311078 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Beam tracking method, terminal device, and network-side device

2017311582 **4C Medical Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read Chambers, Jeffrey W.

2017313658 **Svmtech, LLC** The nature of the amendment is: Amend the name of the inventor to read Monros, Serge V.

2017327469 **Resen Waves ApS** The nature of the amendment is: Amend the invention title to read A WAVE ENERGY CONVERSION SYSTEM AND A METHOD FOR GENERATING ELECTRICAL POWER FROM WAVE ENERGY

**2018**

2018232913 **Shanghai Duotian Food Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2018102127

**Amendments**

2018260927 **BALDWIN, G.; PATEL, O.; ISCHIA, J.; BOLTON, D.; SHULKES, A.** The nature of the amendment is: Amend the name of the inventor to read PATEL, Oneel; ISCHIA, Joseph James; BOLTON, Damien Michael; BALDWIN, Graham Sherard and SHULKES, Arthur

2018290161 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read INSTANTANEOUS-INTERRUPTION PREVENTION DEVICE AND TELEPHONE

2018298508 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read NETWORK REGISTRATION METHOD, NETWORK HANDOVER METHOD, NETWORK DEVICE AND TERMINAL DEVICE

**2019**

2019200644 **Snap-on Incorporated** The nature of the amendment is: Amend Divisional Details to read: 2019200531

2019200743 **FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPION LIMITED; LT GAME LIMITED** The nature of the amendment is: Amend divisional details to read 2016256843

2019200805 **Evogene Ltd.** The nature of the amendment is: Amend the name of the inventor to read PORATY-GAVRA, Limor; PANKRATOV, Ilya and KARCHI, Hagai

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

**2002**

2002339938 pSivida US Inc. The name of the patentee has been altered to **EyePoint Pharmaceuticals US, Inc.**

**2004**

2004207507 pSivida US Inc. The name of the patentee has been altered to **EyePoint Pharmaceuticals US, Inc.**

2004292957 pSivida US Inc. The name of the patentee has been altered to **EyePoint Pharmaceuticals US, Inc.**

**2009**

2009294660 BENEVOLENTAL CAMBRIDGE LIMITED The name of the patentee has been altered to **BenevolentAI Cambridge Limited**

**2010**

2010213840 Psivida US, Inc. The name of the patentee has been altered to **EyePoint Pharmaceuticals US, Inc.**

**2011**

2011370782 Ax-Lab Innovation ApS The name of the patentee has been altered to **Biopsafe ApS**

**2013**

2013216821 York, Josh; Nazzaro, Martin; Leblanc, Ron; psivida US, Inc. The name of the patentee has been altered to **York, J.; Nazzaro, M.; Leblanc, R.; EyePoint Pharmaceuticals US, Inc.**

**Amendments**

**2014**

2014235051 pSivida US, Inc.; pSiMedica Limited The name of the applicant has been altered to **EyePoint Pharmaceuticals US, Inc.; pSiMedica Limited**

2014236260 Irvine Scientific Sales Company, Inc. The name of the applicant has been altered to **FUJIFILM Irvine Scientific, Inc.**

2014248707 Psivida US, Inc. ; pSiMedica Limited The name of the applicant has been altered to **EyePoint Pharmaceuticals US, Inc.; pSiMedica Limited**

2014339828 Asilomar Bio, Inc. The name of the applicant has been altered to **Sound Agriculture Company**

**2015**

2015221945 Beyond Twenty Ltd The name of the applicant has been altered to **Ayr Ltd**

2015241299 Terbium Labs LLC The name of the applicant has been altered to **Terbium Labs, Inc**

2015324282 Terbium Labs LLC The name of the applicant has been altered to **Terbium Labs, Inc**

**2016**

2016219917 Bioclin Therapeutics, Inc. The name of the applicant has been altered to **Rainier Therapeutics, Inc.**

2016235121 Terbium Labs LLC The name of the applicant has been altered to **Terbium Labs, Inc**

2016253008 Asilomar Bio, Inc. The name of the applicant has been altered to **Sound Agriculture Company**

2016313955 Beyond Twenty Ltd The name of the applicant has been altered to **Ayr Ltd**

**2017**

2017254665 Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Centro de Investigacion Biomedica en Red The name of the applicant has been altered to **Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P.**

2017294712 Yamasee Ltd. The name of the applicant has been altered to **Yamasee, Ltd.**

2017300384 NuVasive, Inc. The name of the applicant has been altered to **Nuvasive Specialized Orthopedics, Inc.**

2017304972 Dai-Ichi High Frequency Co., Ltd. The name of the applicant has been altered to **Nippon Steel & Sumitomo Metal Corporation; Dai-Ichi High Frequency Co., Ltd.**

2017308120 Clearview Diagnostics, Inc. The name of the applicant has been altered to **Koios Medical, Inc.**

**Amendments**

2017311138 Terbium Labs LLC The name of the applicant has been altered to **Terbium Labs, Inc**

**2018**

2018260927 BALDWIN, James; PATEL, Oneel; ISCHIA, Joseph; BOLTON, Damien; SHULKES, Arthur The name of the applicant has been altered to **BALDWIN, G.; PATEL, O.; ISCHIA, J.; BOLTON, D.; SHULKES, A.**

2018282481 ERACLEOUS, Nektaria The name of the applicant has been altered to **Slog Pty Ltd**

2018904882 TELFER, Shane; TAHERI, Omid The name of the applicant has been altered to **TELFER, S.; QAZVINI, O.**

**2019**

2019900021 Dobson, Brendan; Preston, Stephen The name of the applicant has been altered to **Dobson, B.; Preston, S.**

Applications Open to Public Inspection

Name Index

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

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(71) Abbott Diabetes Care Inc.  
**(11)** AU-A-2019200995  
**(21)** 2019200995 **(22)** 13.02.2019  
**(54)** Devices, systems, and methods associated with analyte monitoring devices and devices incorporating the same  
**(51)** Int. Cl.  
**A61B 5/157** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2016262739  
**(72)** Karan, Jai; Tan, Annie; Taub, Marc B.; Dunn, Timothy C.; Goldsmith, Joel; Neuhaus, Christine M.; Rossi, Stephen A.  
**(74)** FPA Patent Attorneys Pty Ltd

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(71) AbbVie Inc.  
**(11)** AU-A-2019200901  
**(21)** 2019200901 **(22)** 08.02.2019  
**(54)** Primary carboxamides as BTK inhibitors  
**(51)** Int. Cl.  
**C07D 217/22** ( 2006.01 )  
**A61K 31/405** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2014302365  
**(72)** BONAFOUX, Dominique; DAVIS, Heather M.; FRANK, Kristine E.; FRIEDMAN, Michael M.; HEROLD, J. Martin; HOEMANN, Michael Z.; HUNTLEY, Raymond; OSUMA, Augustine; SHEPPARD, George; SOMAL, Gagandeep K.; VAN CAMP, Jennifer; VAN EPPS, Stacy A.; VASUDEVAN, Anil; WALLACE, Grier A.; WANG, Lu; WANG, Lu; WANG Zhi; WILSON, Noel S.; XU, Xiangdong  
**(74)** Spruson & Ferguson

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(71) Accenture Global Solutions Limited  
**(11)** AU-A-2018217244  
**(21)** 2018217244 **(22)** 14.08.2018  
**(54)** ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED PRODUCT DEVELOPMENT  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06F 17/00** ( 2006.01 )  
**(31)** 201711028810 **(32)** 14.08.17 **(33)** IN  
**(43)** 28.02.2019  
**(72)** MEHARWADE, Raghavendra; FELIX DSOUZA, Jeffson; VENKATA NAGA POORNA BONTA, Pratap; GUPTA, Anubhav; SIVAKUMAR, Aruna; NISHA, Muthalangat; MADHANKUMAR, Janagi; MANJUNATH, Roopalaxmi; JAGANNATHAN, Purnima; KUMAR RODRIGUEZ, Nevis Ravi; NAGARA-

JAN, Rajesh; VIJAYARAGHAVAN, Koushik M.; PRASAD, Rajendra T.; SEKHAR, Mohan  
**(74)** Murray Trento & Associates Pty Ltd

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(71) Actron Air Pty Limited  
**(11)** AU-A-2017213446  
**(21)** 2017213446 **(22)** 08.08.2017  
**(54)** Vibration Isolation for an Air Conditioning Unit  
**(51)** Int. Cl.  
**F24F 13/24** ( 2006.01 )  
**F24F 1/12** ( 2011.01 )  
**(43)** 28.02.2019  
**(71)** Han, Sam  
**(74)** Davies Collision Cave Pty Ltd

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(71) Adobe Systems Incorporated  
**(11)** AU-A-2018203368  
**(21)** 2018203368 **(22)** 14.05.2018  
**(54)** DEEP NEURAL NETWORK ARCHITECTURE FOR SEMANTIC SEGMENTATION OF FORM IMAGES  
**(51)** Int. Cl.  
**G06T 1/40** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**(31)** 15/674,100 **(32)** 10.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** Krishnamurthy, Balaji; Sarkar, Mausoom  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Advanced Cooling Therapy, LLC  
**(11)** AU-A-2019200850  
**(21)** 2019200850 **(22)** 07.02.2019  
**(54)** Devices and methods for controlling patient temperature  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2017200121  
**(72)** KULSTAD, Erik; CAHERTY, Hugh Patrick  
**(74)** Spruson & Ferguson

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(71) Agriculture Victoria Services Pty Ltd  
**(11)** AU-A-2019200890  
**(21)** 2019200890 **(22)** 08.02.2019  
**(54)** NOVEL ENDOPHYTES (3)  
**(51)** Int. Cl.  
**C12N 1/14** ( 2006.01 )  
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**C12R 1/645** ( 2006.01 )  
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**A61M 25/01** ( 2006.01 )  
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**A63F 13/69** ( 2014.01 )  
**G07F 17/34** ( 2006.01 )  
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**G07F 17/32** ( 2006.01 )  
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**G06K 9/00** ( 2006.01 )  
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B01D 63/02 ( 2006.01 )  
B01D 69/02 ( 2006.01 )  
B01D 69/08 ( 2006.01 )  
B01D 71/26 ( 2006.01 )  
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**H02S 20/23** ( 2014.01 )  
**E04D 5/00** ( 2006.01 )  
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 (74) Griffith Hack
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 (54) Steerable hydraulic jetting nozzle, and guidance system for downhole boring device  
 (51) Int. Cl.  
*E21B 7/04* ( 2006.01 )  
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*E21B 7/08* ( 2006.01 )  
*E21B 7/18* ( 2006.01 )  
*E21B 10/60* ( 2006.01 )  
*E21B 17/20* ( 2006.01 )  
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 (72) Randall, Bruce L.  
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 (54) Steerable hydraulic jetting nozzle, and guidance system for downhole boring device
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*E21B 7/04* ( 2006.01 )  
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 (72) Randall, Bruce L.  
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*B60P 1/42* ( 2006.01 )  
*B65D 88/30* ( 2006.01 )  
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 (74) Griffith Hack
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 (51) Int. Cl.  
*A61B 17/068* ( 2006.01 )  
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**(54)** A Worker's Access Lid or Cover  
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**E02D 29/14** ( 2006.01 )  
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 FOR A ROUND MODULE BUILDER  
 OR ROUND BALER  
**(51)** Int. Cl.  
**A01F 15/07** ( 2006.01 )  
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 Wigdahl, Jeffrey S.  
**(74)** James & Wells Intellectual Property

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**(54)** Mobile drift sensor for agricultural  
 spraying  
**(51)** Int. Cl.  
**A01M 7/00** ( 2006.01 )  
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**(31)** 15/671,476 **(32)** 08.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** Barker, Mark E.; Humpal, Richard A.;  
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**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2018205113  
**(21)** 2018205113 **(22)** 11.07.2018  
**(54)** Drift sensor for agricultural spraying  
**(51)** Int. Cl.  
**A01G 25/06** ( 2006.01 )  
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**A61M 5/14** ( 2006.01 )  
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 Stephen Lewis  
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 ments  
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**G16H 80/00** ( 2018.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
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**(72)** Cohen, Eric; Mayou, Phil; Reihman, Eli;  
 Grubstein, Katherine Yerre; Draeger,  
 Rian; Traven, Angela Marie; Mensinger,  
 Michael Robert  
**(74)** FB Rice Pty Ltd

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 LTD  
**(11)** AU-A-2018214076  
**(21)** 2018214076 **(22)** 09.08.2018  
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 MENT SYSTEM AND METHOD OF  
 PROVIDING PROPERTY SERVICES  
**(51)** Int. Cl.  
**G06Q 90/00** ( 2006.01 )  
**G06Q 50/16** ( 2012.01 )  
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**(72)** PERERA, Ruwin; RADHAKRISHNAN,  
 Mina  
**(74)** Adams Pluck

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**(54)** Signaling change in output layer sets  
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**H04N 19/70** ( 2014.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**(71)** Dow AgroSciences LLC  
**(11)** AU-A-2019200923  
**(21)** 2019200923 **(22)** 08.02.2019  
**(54)** Fine mapping and validation of QTL  
 underlying fiber content and seed coat  
 color traits and identification of SNP  
 markers for marker assisted selection  
 of these traits derived from yellow seed

coat (YSC) canola line YN01-429 and  
 its lineage  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
**A23L 19/00** ( 2016.01 )  
**C12N 15/29** ( 2006.01 )  
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 Kelly  
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 ENT PARKING SPACE SITUATIONS  
**(51)** Int. Cl.  
**B60L 53/30** ( 2019.01 )  
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 Institute; Arbutus Biopharma, Inc.  
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 AGAINST HBV INFECTION  
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**C07C 311/16** ( 2006.01 )  
**A61K 31/165** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
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 Simon David Peter; Du, Yanming; Ye,  
 Hong; Xiao, Tong; Block, Timothy  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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**(71)** DSM IP Assets B.V.  
**(11)** AU-A-2019200851  
**(21)** 2019200851 **(22)** 07.02.2019  
**(54)** METHOD FOR PRODUCING TEXTILE  
 PRODUCTS, PRODUCTS OBTAIN-  
 ABLE THEREFROM AND METHOD  
 TO RECLAIM THE PRODUCTS  
**(51)** Int. Cl.  
**D06N 7/00** ( 2006.01 )  
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**(72)** Tichelaar, Michel Poul; Koning, Cornel-  
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(54) IMMUNOMODULATORY COMPOSITION COMPRISING BIFIDOBACTERIA  
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A61K 35/745 ( 2015.01 )  
A23L 33/135 ( 2016.01 )  
A61P 31/16 ( 2006.01 )  
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(54) Method and apparatus for bidirectional storage and renewable power converter  
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(54) A dental suction pump assembly  
(51) Int. Cl.  
A61C 17/06 ( 2006.01 )  
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(54) Method of using a soil release polymer  
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E21B 19/086 ( 2006.01 )  
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G06F 9/50 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

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G01N 33/53 ( 2006.01 )  
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(51) Int. Cl.  
F02C 7/20 ( 2006.01 )  
F01D 25/28 ( 2006.01 )  
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F16M 3/00 ( 2006.01 )  
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G06Q 30/02 ( 2012.01 )  
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(74) Cotters Patent & Trade Mark Attorneys

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(54) Method for culturing microalgae of the Aurantiochytrium genus in a culture medium without chloride and without sodium, for the production of DHA  
(51) Int. Cl.  
C12P 7/64 ( 2006.01 )  
C12N 1/12 ( 2006.01 )  
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(72) Calleja, Pierre; Pagliardini, Julien; Cagnac, Olivier; Godart, Francois  
(74) Watermark Intellectual Property Pty Ltd

(71) FUJIFILM Corporation  
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(54) Photosensitive composition, image forming method, film forming method, resin, image, and film  
(51) Int. Cl.  
C08F 265/06 ( 2006.01 )  
B41J 2/01 ( 2006.01 )  
B41M 5/00 ( 2006.01 )  
C08F 2/44 ( 2006.01 )  
C08F 220/34 ( 2006.01 )  
C09D 11/30 ( 2014.01 )  
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(74) Griffith Hack

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**C10G 1/02** ( 2006.01 )  
**C10G 1/10** ( 2006.01 )  
**C10G 11/02** ( 2006.01 )  
**C10G 11/05** ( 2006.01 )  
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 (74) K&L Gates

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 (54) Combinations of an anti-HER2 antibody-drug conjugate and chemotherapeutic agents, and methods of use  
 (51) Int. Cl.  
**A61K 31/337** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
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**A61K 31/5355** ( 2006.01 )  
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 (54) Process and systems for obtaining 1,4-butanediol from fermentation broths  
 (51) Int. Cl.  
**C07C 29/76** ( 2006.01 )  
**B01D 1/00** ( 2006.01 )  
**B01D 3/00** ( 2006.01 )  
**C07C 29/74** ( 2006.01 )  
**C07C 29/80** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Downhole fluids and methods of use thereof  
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**C09K 8/03** ( 2006.01 )

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 (74) FB Rice Pty Ltd

(71) HBG IP Holding Pty Limited  
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 (54) A Child Restraint for a Vehicle  
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**B60N 2/28** ( 2006.01 )  
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 (74) Chrysiliou IP

(71) Honeywell International Inc.  
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**G06F 13/00** ( 2006.01 )  
**H04L 29/12** ( 2006.01 )  
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 (43) 28.02.2019  
 (72) Raffaele, Brodie; Raphael, George Michael  
 (74) Shelston IP Pty Ltd.

(71) IGT  
 (11) AU-A-2018214011  
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 (54) Implantable Medical Device Comprising a Wireless Transcutaneous Link  
 (51) Int. Cl.  
**A61N 1/40** ( 2006.01 )  
 (31) 17185904.4 (32) 11.08.17 (33) EP  
 (43) 28.02.2019  
 (72) Bern, Bengt  
 (74) Golja Haines & Friend

(71) Palo Alto Research Center Incorporated  
 (11) AU-A-2018208649  
 (21) 2018208649 (22) 24.07.2018  
 (54) ELECTROCHEMICAL DESALINATION SYSTEM WITH COUPLED ELECTRICITY STORAGE  
 (51) Int. Cl.  
**C02F 1/469** ( 2006.01 )  
**C02F 1/42** ( 2006.01 )  
**C02F 103/08** ( 2006.01 )  
 (31) 15/972,930 (32) 07.05.18 (33) US  
 62/544,199 11.08.17 US  
 (43) 28.02.2019  
 (72) Desai, Divyaraj; Beh, Eugene S.; Volk, Armin R.; Van Overmeere, Quentin L.C.; Rivest, Jessica Louis Baker  
 (74) Davies Collison Cave Pty Ltd

(71) Palo Alto Research Center Incorporated  
 (11) AU-A-2018208654  
 (21) 2018208654 (22) 24.07.2018  
 (54) SYSTEM AND ARCHITECTURE FOR ANALYTICS ON ENCRYPTED DATABASES  
 (51) Int. Cl.  
**H04L 9/00** ( 2006.01 )  
**H04L 9/30** ( 2006.01 )  
 (31) 15/674,935 (32) 11.08.17 (33) US  
 (43) 28.02.2019  
 (72) Rane, Shantanu; Bindschaedler, Vincent; Brito, Alejandro E.; Uzun, Ersin; Rao, Vanishree  
 (74) Davies Collison Cave Pty Ltd

(71) Palo Alto Research Center Incorporated  
 (11) AU-A-2018208667  
 (21) 2018208667 (22) 25.07.2018  
 (54) SYSTEM AND ARCHITECTURE FOR SUPPORTING ANALYTICS ON ENCRYPTED DATABASES  
 (51) Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**H04L 9/00** ( 2006.01 )  
 (31) 15/675,055 (32) 11.08.17 (33) US  
 (43) 28.02.2019  
 (72) Rane, Shantanu; Bindschaedler, Vincent; Brito, Alejandro E.; Uzun, Ersin; Rao, Vanishree  
 (74) Davies Collison Cave Pty Ltd

(71) Patent Investment & Licensing Company  
 (11) AU-A-2018214138  
 (21) 2018214138 (22) 10.08.2018  
 (54) Methods for Placing, Selling, or Accepting Bets  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (31) 62/544,067 (32) 11.08.17 (33) US  
 62/652,699 04.04.18 US  
 16/057,922 08.08.18 US  
 (43) 28.02.2019  
 (72) Acres, John F.; Acres, Noah  
 (74) Golja Haines & Friend

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 (21) 2019200827

(71) Philip Morris Products S.A.  
 (11) AU-A-2019200902  
 (21) 2019200902 (22) 08.02.2019  
 (54) Method of making a rod for use as an aerosol-forming substrate having controlled porosity distribution  
 (51) Int. Cl.  
**A24B 3/14** ( 2006.01 )  
**A24D 3/02** ( 2006.01 )  
**A24F 47/00** ( 2006.01 )  
**G06T 7/00** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2015303169  
 (72) PIJNENBURG, Johannes Petrus Maria; JARRIAULT, Marine  
 (74) Spruson & Ferguson

(71) PIDILITE INDUSTRIES LIMITED  
 (11) AU-A-2017239540  
 (21) 2017239540 (22) 04.10.2017  
 (54) ORGANIC-INORGANIC HYBRID POLYMER LATEX FOR HIGH DURABLE TRAFFIC MARKING PAINT  
 (51) Int. Cl.  
**C09D 1/00** ( 2006.01 )  
**C09D 107/02** ( 2006.01 )  
 (31) 201721028295 (32) 09.08.17 (33) IN  
 (43) 28.02.2019  
 (72) Parekh, Madhukar Balvantray  
 (74) MOSAIC IP

(71) Pindrop Security, Inc.  
 (11) AU-A-2019200722  
 (21) 2019200722 (22) 04.02.2019  
 (54) CALL DETAIL RECORD ANALYSIS TO IDENTIFY FRAUDULENT ACTIVITY AND FRAUD DETECTION IN INTERACTIVE VOICE RESPONSE SYSTEMS  
 (51) Int. Cl.  
**H04M 3/493** ( 2006.01 )  
**G06F 21/50** ( 2013.01 )

(43) 28.02.2019  
 (62) 2016338689  
 (72) Bandyopadhyay, Raj; Calhoun, Telvis; Balasubramanian, Vijay; Strong, Scott; Patil, Kailash; Dewey, David  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-A-2019200920  
 (21) 2019200920 (22) 08.02.2019  
 (54) SPONSORED CONNECTIVITY TO CELLULAR NETWORKS USING EXISTING CREDENTIALS  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**H04W 12/06** ( 2009.01 )  
 (43) 28.02.2019  
 (62) 2016229439  
 (72) Lee, Soo Bum; Palanigounder, Anand; Horn, Gavin Bernard  
 (74) Madderns Pty Ltd

(71) RA Pharmaceuticals, Inc.  
 (11) AU-A-2019200828  
 (21) 2019200828 (22) 07.02.2019  
 (54) Modulation of complement activity  
 (51) Int. Cl.  
**C07K 2/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/06** ( 2006.01 )  
**A61K 38/07** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**C07K 4/00** ( 2006.01 )  
**C07K 5/00** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )

(43) 28.02.2019  
 (62) 2015274482  
 (72) HOARTY, Michelle Denise; DHAMNASKAR, Ketki Ashok; ELBAUM, Daniel; JOSEPHSON, Kristopher; LARSON, Kelley Cronin; MA, Zhong; NIMS, Nathan Ezekiel; RICARDO, Alonso; SEYB, Kathleen; TANG, Guo-Qing; TRECO, Douglas A.; WANG, Zhaolin; YE, Ping; ZHENG, Hong; PERLMUTTER, Sarah Jacqueline; HAMMER, Robert Paul  
 (74) Griffith Hack

(71) Ratnapala, M.  
 (11) AU-A-2018206767  
 (21) 2018206767 (22) 19.07.2018  
 (54) The invention generally relates to the Fail Safe Communication System (FSCS) for applications in commercial properties where continuity and reliability of communication is essential to ensure protection and safety of people and property. Fail safe feature of this system has been achieved by integrating the primary communication facility with a backup facility which will take over automatically in the event of the primary facility failing. The unit will consist of primary and secondary "back up" lines with the provision of expanding to several additional "back up lines if required."  
 (51) Int. Cl.



Applications Open to Public Inspection - Name Index cont'd

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**(31)** 2017903113 **(32)** 06.08.17 **(33)** AU  
**(43)** 28.02.2019  
**(72)** Ratnapala, Mahindra Parakrama  
**(74)** Mahindra Parakrama Ratnapala

**(71)** Rattlejack Innovations Pty Ltd  
**(11)** AU-A-2018214065  
**(21)** 2018214065 **(22)** 09.08.2018  
**(54)** A Safety Plug  
**(51)** Int. Cl.

**E21B 33/12** ( 2006.01 )  
**(31)** 2017903245 **(32)** 14.08.17 **(33)** AU  
 2018900744 07.03.18 AU  
**(43)** 28.02.2019  
**(72)** Sutton, Leigh Maurice  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Realifex Pty. Ltd.  
**(11)** AU-A-2019200814  
**(21)** 2019200814 **(22)** 06.02.2019  
**(54)** A System and Method for Monitoring Personal Activity  
**(51)** Int. Cl.  
**G06F 16/906** ( 2019.01 )  
**A61B 5/11** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2017201922  
**(72)** PRATE, Alex  
**(74)** Griffith Hack

**(71)** Rearden, LLC  
**(11)** AU-A-2019200838  
**(21)** 2019200838 **(22)** 07.02.2019  
**(54)** SYSTEMS AND METHODS FOR MAPPING VIRTUAL RADIO INSTANCES INTO PHYSICAL VOLUMES OF COHERENCE IN DISTRIBUTED ANTENNA WIRELESS SYSTEMS  
**(51)** Int. Cl.  
**H04L 27/00** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2015214278  
**(72)** Perlman, Stephen G.; Foreza, Antonio; Van Der Laan, Roger; Dio, Mario Di; Saibi, Fadi; Pitman, Timothy A.  
**(74)** Ellis Terry

**(71)** Renegy Pty Limited  
**(11)** AU-A-2018214152  
**(21)** 2018214152 **(22)** 10.08.2018  
**(54)** Fault detection in power transmission systems  
**(51)** Int. Cl.

**H02J 3/00** ( 2006.01 )  
**(31)** 2017903241 **(32)** 14.08.17 **(33)** AU  
**(43)** 28.02.2019  
**(72)** HARRISON, Craig  
**(74)** FB Rice Pty Ltd

**(71)** Routledge, R.T.  
**(11)** AU-A-2018253456  
**(21)** 2018253456 **(22)** 22.10.2018  
**(54)** MASSAGE DEVICE AND METHOD OF USE THEREOF  
**(51)** Int. Cl.

**A61H 7/00** ( 2006.01 )  
**A61H 1/00** ( 2006.01 )  
**A61H 39/04** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2017213573  
**(72)** Routledge, Raymond Thomas  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** S&C Electric Company  
**(11)** AU-A-2019200939  
**(21)** 2019200939 **(22)** 11.02.2019  
**(54)** Power grid photo-voltaic integration using distributed energy storage and management  
**(51)** Int. Cl.  
**H01L 31/05** ( 2006.01 )  
**H02J 3/28** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2017203377

**(72)** BERKOWITZ, Donald S.; WALKER, Thomas  
**(74)** Spruson & Ferguson

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2019200906  
**(21)** 2019200906 **(22)** 08.02.2019  
**(54)** FLEXIBLE DISPLAY APPARATUS AND METHOD FOR CONTROLLING THEREOF  
**(51)** Int. Cl.  
**G09F 9/35** ( 2006.01 )  
**G09G 3/00** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2016238947  
**(72)** Jung, Ji-hyun; Kang, Kyung-a; Lee, Han-sung; Lee, Geun-ho  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2019200907  
**(21)** 2019200907 **(22)** 08.02.2019  
**(54)** METHOD AND DEVICE FOR RENDERING ACOUSTIC SIGNAL, AND COMPUTER-READABLE RECORDING MEDIUM  
**(51)** Int. Cl.  
**H04S 5/00** ( 2006.01 )  
**H04S 5/02** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2017279615

**(72)** Chon, Sang-bae; Kim, Sun-min  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Schlage Lock Company LLC  
**(11)** AU-A-2019200874  
**(21)** 2019200874 **(22)** 08.02.2019  
**(54)** Operation communication system  
**(51)** Int. Cl.  
**G07C 9/00** ( 2006.01 )  
**H04W 4/02** ( 2009.01 )  
**(43)** 28.02.2019  
**(62)** 2017200410

**(72)** AHEARN, John Robert; BAUMGARTE, Joseph Wayne; FOCKE, Gabriel Daniel; HENNEY, Michael Scott  
**(74)** FB Rice Pty Ltd

**(71)** Schneider Electric USA, Inc.  
**(11)** AU-A-2018208761  
**(21)** 2018208761 **(22)** 27.07.2018  
**(54)** Integrated Arc Fault And Ground Fault Current Sensing Package  
**(51)** Int. Cl.  
**H01H 3/16** ( 2006.01 )  
**G01R 19/165** ( 2006.01 )  
**H01H 1/00** ( 2006.01 )  
**H01H 83/20** ( 2006.01 )  
**(31)** 15/672,744 **(32)** 09.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** GASS, Randall J.; POTRATZ, Jason; FLEEGE, Dennis W.  
**(74)** WRAYS PTY LTD

**(71)** Schneider Electric USA, Inc.  
**(11)** AU-A-2018211266  
**(21)** 2018211266 **(22)** 01.08.2018  
**(54)** Differential Current Sensing Bussing Method  
**(51)** Int. Cl.  
**H01H 83/02** ( 2006.01 )  
**(31)** 15/672,762 **(32)** 09.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** FLEEGE, Dennis W.; MITTELSTADT, Chad; GASS, Randall J.; VANWAART, Douglas P.; POTRATZ, Jason  
**(74)** WRAYS PTY LTD

**(71)** SCM Lifescience Co., Ltd.  
**(11)** AU-A-2018205079  
**(21)** 2018205079 **(22)** 10.07.2018  
**(54)** Pharmaceutical composition for preventing or treating hair loss comprising chemokine (C-X-C motif) ligand 1 (CXCL1) protein and minoxidil as active ingredient  
**(51)** Int. Cl.  
**A61K 8/64** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 38/19** ( 2006.01 )  
**A61Q 7/00** ( 2006.01 )  
**(31)** 10-2017-0100314 **(32)** 08.08.17 **(33)** KR  
**(43)** 28.02.2019  
**(72)** Sun Uk, Song; Jong Hyuk, Sung  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Serinpet - Representaciones y Servicios de Petroleos  
**(11)** AU-A-2019200819  
**(21)** 2019200819 **(22)** 06.02.2019  
**(54)** Check valve with inertial mass for progressive cavity pumps  
**(51)** Int. Cl.  
**E21B 34/08** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2014351384  
**(72)** Ladron De Guevara, Alejandro  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** SG Gaming Anz Pty Ltd  
**(11)** AU-A-2018206840

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(21) 2018206840 (22) 20.07.2018  
 (54) Gaming user interface with multi-table view  
 (51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**G06F 3/01** ( 2006.01 )  
 (31) 16/033,964 (32) 12.07.18 (33) US  
 62/544,406 11.08.17 US  
 (43) 28.02.2019  
 (72) ATKINSON, Lyal; WADDS, Nathan  
 (74) Spruson & Ferguson

(71) Smart Blox Pty Ltd  
 (11) AU-A-2018308961  
 (21) 2018308961 (22) 14.08.2018  
 (54) Deployable solar generator module and system  
 (51) Int. Cl.  
**H02S 40/32** ( 2014.01 )  
 (31) 2017903255 (32) 14.08.17 (33) AU  
 (43) 28.02.2019  
 (72) Larsen, Timothy James  
 (74) Michael Buck IP

(71) Smith, S.  
 (11) AU-A-2018214158  
 (21) 2018214158 (22) 12.08.2018  
 (54) Ducted Camp Heater  
 (51) Int. Cl.  
**F24D 15/00** ( 2006.01 )  
 (31) 2017903254 (32) 14.08.17 (33) AU  
 (43) 28.02.2019  
 (72) Smith, Shane  
 (74) Shane Smith

(71) Smith, L.  
 (11) AU-A-2019200947  
 (21) 2019200947 (22) 11.02.2019  
 (54) Methods and compositions for modulating gene expression using oligonucleotide based drugs administered in vivo or in vitro  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
 (43) 28.02.2019  
 (62) 2017200198  
 (72) Smith, Larry J.  
 (74) Allens Patent & Trade Mark Attorneys

(71) Softbank Robotics Europe  
 (11) AU-A-2019200969  
 (21) 2019200969 (22) 12.02.2019  
 (54) Collision detection  
 (51) Int. Cl.  
**B25J 9/16** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2015270430  
 (72) DALIBARD, Sebastien; GOUAILLIER, David  
 (74) Spruson & Ferguson

(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION  
 (11) AU-A-2019200817  
 (21) 2019200817 (22) 06.02.2019  
 (54) GENERALIZED JET-EFFECT AND ENHANCED DEVICES  
 (51) Int. Cl.  
**F15D 1/00** ( 2006.01 )  
**F04F 5/00** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2018200099,2018204546  
 (72) Abramov, Yuri  
 (74) Belyea IP

(71) Somerfield, S.  
 (11) AU-A-2017213561  
 (21) 2017213561 (22) 11.08.2017  
 (54) Improved router guide  
 (51) Int. Cl.  
**B25C 5/10** ( 2006.01 )  
**B23Q 9/00** ( 2006.01 )  
 (43) 28.02.2019  
 (72) Somerfield, Steven  
 (74) Halfords IP

(71) SPIRIT OF THE 21ST CENTURY GROUP, LLC  
 (11) AU-A-2019200917  
 (21) 2019200917 (22) 08.02.2019  
 (54) Modified fuels and methods of making and using thereof  
 (51) Int. Cl.  
**C10L 1/18** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2016250488  
 (72) GOSS, David Henry; GOSS, Thomas Oscar  
 (74) Griffith Hack

(71) Stealth Peptides International, Inc.  
 (11) AU-A-2019200823  
 (21) 2019200823 (22) 07.02.2019  
 (54) METHODS FOR THE PREVENTION OR TREATMENT OF VESSEL OCCLUSION INJURY  
 (51) Int. Cl.  
**A61K 38/07** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2017203662  
 (72) Borow, Kenneth; Wilson, D. Travis  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Stepan Company  
 (11) AU-A-2019200855  
 (21) 2019200855 (22) 07.02.2019  
 (54) Personal cleansers and surfactant blend therefor  
 (51) Int. Cl.  
**A61K 8/42** ( 2006.01 )  
**A61Q 5/02** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )

(43) 28.02.2019  
 (62) 2014287403  
 (72) SHAPIRO, Irene; ALLEN, Dave; BROWN, Aaron  
 (74) Spruson & Ferguson

(71) STOCHASTIC SYDNEY PTY LTD  
 (11) AU-A-2017251865  
 (21) 2017251865 (22) 29.10.2017  
 (54) Stochastic (Randomisation of choosing food and beverages)  
 (51) Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**G06Q 10/00** ( 2012.01 )  
 (31) 2017903182 (32) 09.08.17 (33) AU  
 (43) 28.02.2019  
 (72) Wang, Yiwei; Man, Qiang  
 (74) STOCHASTIC SYDNEY PTY LTD

(71) Strategic Science & Technologies, LLC  
 (11) AU-A-2019200847  
 (21) 2019200847 (22) 07.02.2019  
 (54) TOPICAL COMPOSITIONS  
 (51) Int. Cl.  
**A61K 31/19** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
 (43) 28.02.2019  
 (62) 2017206223  
 (72) Fossel, Eric Thor  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Sunfolding, Inc.  
 (11) AU-A-2019200962  
 (21) 2019200962 (22) 12.02.2019  
 (54) Fluidic actuator system and method  
 (51) Int. Cl.  
**H02S 20/30** ( 2014.01 )  
 (43) 28.02.2019  
 (62) 2016211175  
 (72) Madrone, Leila Marcia; Lynn, Peter Sturt; Basel, Louis Hong; Ridley, Brent; Griffith, Saul Thomas; McBride, James Dylan; Lamb, Jeffrey; Lien Suan, Eric Preston; Lin, Erica; Erickson, Joshua; Romanin, Vincent Domenic; Betts, Kyle Douglas  
 (74) Davies Collision Cave Pty Ltd

(71) Sungbo Industrial Co., Ltd.  
 (11) AU-A-2018214058  
 (21) 2018214058 (22) 08.08.2018  
 (54) Bucket tooth of excavator  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**E02F 3/40** ( 2006.01 )  
 (31) 10-2017-0100911 (32) 09.08.17 (33) KR  
 (43) 28.02.2019  
 (72) Ryu, Dae Hyun; Lim, Chang Woo  
 (74) FB Rice Pty Ltd

(71) Suntory Holdings Limited  
 (11) AU-A-2019200893  
 (21) 2019200893 (22) 08.02.2019  
 (54) Method for producing hop extract  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

- A23L 33/105** ( 2016.01 )  
**A61K 36/73** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2015379412  
**(72)** ARITA, Tetsuya; HIDAKA, Koichiro; SHIBUYA, Katsushi  
**(74)** Griffith Hack
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- (71)** SUPERCELL OY  
**(11)** AU-A-2019200770  
**(21)** 2019200770 **(22)** 05.02.2019  
**(54)** GRAPHICAL USER INTERFACE FOR A GAMING SYSTEM  
**(51)** Int. Cl.  
**A63F 13/42** ( 2014.01 )  
**A63F 13/40** ( 2014.01 )  
**A63F 13/426** ( 2014.01 )  
**(43)** 28.02.2019  
**(62)** 2017201869  
**(72)** LEPPINEN, Lassi; DEROME, John Nicholas  
**(74)** Collison & Co
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- (71)** Superior Pak Holdings Pty Ltd  
**(11)** AU-A-2019200978  
**(21)** 2019200978 **(22)** 12.02.2019  
**(54)** DETECTION SYSTEM FOR FRONT OF A VEHICLE  
**(51)** Int. Cl.  
**B60R 21/013** ( 2006.01 )  
**B60R 21/0134** ( 2006.01 )  
**B65F 3/00** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2016203110  
**(72)** Pronger, Michael; Errington, Rowley; Hansen, Scott  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** SUPRAPHARM CC  
**(11)** AU-A-2018211237  
**(21)** 2018211237 **(22)** 01.08.2018  
**(54)** Preparation For Nasal-Nasopharyngeal Treatment  
**(51)** Int. Cl.  
**A61K 31/7004** ( 2006.01 )  
**A61P 11/02** ( 2006.01 )  
**(31)** ZA2017/05353 **(32)** 07.08.17 **(33)** ZA  
**(43)** 28.02.2019  
**(72)** Greves, Sheralee McDonald; Genn, Wendy Sharon; Terpizis, Dimitri John; Terpizis, Costas Lambros  
**(74)** MARTIN IP PTY LTD
- 
- (71)** SynFlyt Pty Ltd  
**(11)** AU-A-2019200795  
**(21)** 2019200795 **(22)** 06.02.2019  
**(54)** A MOTION DEVICE  
**(51)** Int. Cl.  
**G09B 9/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2014324070  
**(72)** MacLennan, Ross Stewart  
**(74)** Gestalt Law Pty Ltd
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- (71)** Syngenta Participations AG  
**(11)** AU-A-2019200992  
**(21)** 2019200992 **(22)** 13.02.2019  
**(54)** Methods of extending the shelf life of sugarcane stem sections and coated sugarcane stem sections  
**(51)** Int. Cl.  
**A01N 55/02** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2015229761  
**(72)** Polge, Nicholas D.; Agbaje, Henry; Lovelady, Clark; Zhang, Xuebing  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Tata Consultancy Services Limited  
**(11)** AU-A-2018217224  
**(21)** 2018217224 **(22)** 14.08.2018  
**(54)** Automated SLA non-compliance detection and prevention system for batch jobs  
**(51)** Int. Cl.  
**G06F 9/46** ( 2006.01 )  
**H04L 12/00** ( 2006.01 )  
**(31)** 201721028919 **(32)** 14.08.17 **(33)** IN  
**(43)** 28.02.2019  
**(72)** Patel, Alok; Rai, Veerendra Kumar; Puvvala, Abhinay  
**(74)** IP SOLVED (ANZ) PTY. LTD.
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- (71)** Tata Consultancy Services Limited  
**(11)** AU-A-2018217230  
**(21)** 2018217230 **(22)** 14.08.2018  
**(54)** AUTOMATED SYSTEM FOR OPTIMIZING BATCH PROCESSING TIME  
**(51)** Int. Cl.  
**G06F 9/46** ( 2006.01 )  
**(31)** 201721028920 **(32)** 14.08.17 **(33)** IN  
**(43)** 28.02.2019  
**(72)** Alok, Patel; Veerendra, Kumar Rai; Abhinay, Puvvala  
**(74)** Spruson & Ferguson
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- (71)** Te Pari Products Limited  
**(11)** AU-A-2018208740  
**(21)** 2018208740 **(22)** 27.07.2018  
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**G08G 5/04** ( 2006.01 )  
**B60Q 9/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**A61K 39/21** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**C07K 16/08** ( 2006.01 )  
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**C12N 15/62** ( 2006.01 )  
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**C08F 210/16** ( 2006.01 )  
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 (51) Int. Cl.  
**B66C 13/06** ( 2006.01 )  
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(71) Vibrotek Pty Ltd  
 (11) AU-A-2019200720  
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 (54) Method of tuning a vibrating medical device and a connector for the same  
 (51) Int. Cl.  
**A61M 5/00** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )  
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 (74) mdp Patent and Trade Mark Attorneys

(71) ViewRay Technologies, Inc.  
 (11) AU-A-2019200859  
 (21) 2019200859 (22) 07.02.2019  
 (54) METHOD AND APPARATUS FOR SHIELDING A LINEAR ACCELERATOR AND A MAGNETIC RESONANCE IMAGING DEVICE FROM EACH OTHER  
 (51) Int. Cl.  
**G01V 3/18** ( 2006.01 )  
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(71) Visa International Service Association  
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 (54) PORTABLE ACCOUNT NUMBER FOR CONSUMER PAYMENT ACCOUNT  
 (51) Int. Cl.

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**G06Q 40/00** ( 2006.01 )  
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**(72)** Singh, Shantnu  
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- (43)** 28.02.2019  
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 ana Wai Man  
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- (71)** Windgap Medical, Inc  
**(11)** AU-A-2019200849  
**(21)** 2019200849 **(22)** 07.02.2019  
**(54)** Portable drug mixing and delivery  
 device and associated methods  
**(51)** Int. Cl.  
**A61M 5/24** ( 2006.01 )  
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**(62)** 2015305635  
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 R.; STEPANIAN, Christopher J.; CON-  
 STANTINEAU, Cole; BRUEHWILER,  
 Michel; CHAGNON, Jeffrey Thomas;  
 BRIK, Robert  
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- (71)** X-CHEM, INC.  
**(11)** AU-A-2019200965  
**(21)** 2019200965 **(22)** 12.02.2019  
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 raries  
**(51)** Int. Cl.  
**C40B 50/16** ( 2006.01 )  
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 Ying  
**(74)** Griffith Hack

- (71)** Xyleco, Inc.  
**(11)** AU-A-2019200887  
**(21)** 2019200887 **(22)** 08.02.2019  
**(54)** Processing of Biomass Materials  
**(51)** Int. Cl.  
**C12P 7/10** ( 2006.01 )  
**C12P 19/14** ( 2006.01 )  
**(43)** 28.02.2019  
**(62)** 2016235003  
**(72)** Medoff, Marshall; Masterman, Thomas;  
 Lynch, James; Yoshida, Aiichiro; Moon  
 Yee Fung, Jennifer  
**(74)** WRAYS PTY LTD

- (71)** Yau Lee Wah Concrete Precast  
 Products (Shenzhen) Company Limited  
**(11)** AU-A-2018217198  
**(21)** 2018217198 **(22)** 13.08.2018  
**(54)** BUILDING FRAME STRUCTURE HAV-  
 ING EDGE BEAM AND CONSTRUC-  
 TION METHOD THEREOF  
**(51)** Int. Cl.  
**E04B 5/17** ( 2006.01 )  
**E04B 5/14** ( 2006.01 )  
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2017213547	Future Energy Investments Pty Ltd	2018274874	The United States of America, as represented by the Secretary, Department of Health and Human Services
2017213551	The Trustees for the Time Being of the Live Line International Trust	2018279000	Unilumin Group Co., Ltd.
2017213561	Somerfield, S.	2018279049	Dynapower Company LLC
2017239540	PIDILITE INDUSTRIES LIMITED	2018287917	Intex Holdings Pty Ltd
2017251865	STOCHASTIC SYDNEY PTY LTD	2018298512	LG Electronics Inc.
2017311613	Komatsu Ltd.	2018308961	Smart Blox Pty Ltd
2017391886	CRRC Dalian Co.,Ltd.	2019200220	Ensign Drilling Inc.
2017395128	Anhui University of Science and Technology	2019200535	Ahluwalia, P.; Ahluwalia, P.
2018201679	Miyakoshi Printing Machinery Co., Ltd.	2019200537	The Board of Regents, The University of Texas System
2018202599	Cubis Systems	2019200545	Dexcom, Inc.
2018203368	Adobe Systems Incorporated	2019200615	Leatherman Tool Group, Inc.
2018203481	Aristocrat Technologies Australia Pty Limited	2019200663	Drexel University; Baruch S. Blumberg Institute; Arbutus Biopharma, Inc.
2018204416	Dr. Ing. h.c.F. Porsche Aktiengesellschaft	2019200720	Vibrotek Pty Ltd
2018204501	Aristocrat Technologies Australia Pty Limited	2019200722	Pindrop Security, Inc.
2018204732	Deere & Company	2019200770	SUPERCELL OY
2018205079	SCM Lifescience Co., Ltd.	2019200795	SynFlyt Pty Ltd
2018205102	Deere & Company	2019200796	Blue I.V. LLC
2018205113	Deere & Company	2019200809	Innovfusion Pte Ltd
2018205165	Martin GmbH fur Umwelt- und Energietechnik	2019200810	Children's Medical Center Corporation; Massachusetts Institute of Technology
2018206767	Ratnapala, M.	2019200811	Facebook, Inc.
2018206781	Covidien LP	2019200812	Intercontinental Great Brands LLC
2018206783	Covidien LP	2019200813	Janssen Sciences Ireland UC
2018206828	Covidien LP	2019200814	Realifex Pty. Ltd.
2018206840	SG Gaming Anz Pty Ltd	2019200815	Australian Engineered Solutions Pty Ltd
2018208649	Palo Alto Research Center Incorporated	2019200816	Asahi Kasei Kabushiki Kaisha
2018208654	Palo Alto Research Center Incorporated	2019200817	SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION
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2018208667	Palo Alto Research Center Incorporated	2019200820	Ionis Pharmaceuticals, Inc.
2018208740	Te Pari Products Limited	2019200821	Equinix, Inc.
2018208761	Schneider Electric USA, Inc.	2019200823	Stealth Peptides International, Inc.
2018211219	Oticon Medical A/S	2019200825	New York University
2018211237	SUPRAPHARM CC	2019200827	OneSteel Reinforcing Pty Limited; Petersmith Pty. Ltd;
2018211266	Schneider Electric USA, Inc.	2019200828	Amarula Pty Ltd
2018211297	Beijing Apollo Ding Rong Solar Technology Co., Ltd.	2019200828	RA Pharmaceuticals, Inc.
2018211316	Biosense Webster (Israel) Ltd.	2019200830	Verton IP Pty Ltd
2018213977	EUROIMMUN Medizinische Labordiagnostika AG	2019200831	Early Minute Pty Ltd
2018213984	Beijing Apollo Ding Rong Solar Technology Co., Ltd.	2019200833	ORLER, A.
2018214011	IGT	2019200834	Joy Global Underground Mining LLC
2018214019	Ethicon, Inc.	2019200837	Canon Kabushiki Kaisha
2018214020	Biosense Webster (Israel) Ltd.	2019200838	Rearden, LLC
2018214021	Biosense Webster (Israel) Ltd.	2019200839	Eximis Surgical, LLC
2018214023	McDonnell, V.	2019200840	Astex Therapeutics Limited
2018214058	Sungbo Industrial Co., Ltd.	2019200841	Amgen Research (Munich) GmbH
2018214065	Rattlejack Innovations Pty Ltd	2019200843	Imprenditore Pty Limited
2018214066	The Boeing Company	2019200844	Aristocrat Technologies Australia Pty Limited
2018214076	DIFFERENT TECHNOLOGIES PTY LTD	2019200846	DuPont Nutrition Biosciences ApS
2018214091	Crown Digital Holdings Pty Ltd	2019200847	Strategic Science & Technologies, LLC
2018214126	Magnetite (Australia) Pty Ltd	2019200848	Visa International Service Association
2018214136	Ainsworth Game Technology Limited	2019200849	Windgap Medical, Inc
2018214138	Patent Investment & Licensing Company	2019200850	Advanced Cooling Therapy, LLC
2018214140	Coolamon Steelworks Pty Ltd	2019200851	DSM IP Assets B.V.
2018214152	Renergyx Pty Limited	2019200852	Ingevity South Carolina, LLC
2018214158	Smith, S.	2019200853	KGK Science Inc.
2018216190	Ainsworth Game Technology Limited	2019200855	Stepan Company
2018217198	Yau Lee Wah Concrete Precast Products (Shenzhen) Company Limited	2019200856	KAP Medical
2018217201	Blackburn, R.	2019200857	Fermentaig
2018217211	HBG IP Holding Pty Limited	2019200858	Optimedica Corporation
2018217224	Tata Consultancy Services Limited	2019200859	ViewRay Technologies, Inc.
2018217230	Tata Consultancy Services Limited	2019200864	CFPH, LLC
2018217241	Honeywell International Inc.	2019200866	Jenkins III, A.L.
2018217244	Accenture Global Solutions Limited	2019200867	CFPH, LLC
2018220052	Aristocrat Technologies Australia Pty Limited	2019200868	Alkermes Pharma Ireland Limited
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2019200875	Coiled Tubing Specialties, LLC	2019200990	JVC Kenwood Corporation
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2019200911	Nagaki Seiki Co., Ltd.		
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2019200915	Aristocrat Technologies Australia Pty Limited		
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2019200917	SPIRIT OF THE 21ST CENTURY GROUP, LLC		
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**No IPC Mark**

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Xu, G. see Chang, P.  
(21) 2019100099

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- . (\*\*) Title not given

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 (74) FPA Patent Attorneys Pty Ltd

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C08F 257/02 ( 2006.01 )  
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C08K 3/36 ( 2006.01 )  
C08L 75/06 ( 2006.01 )  
C09D 5/44 ( 2006.01 )  
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**C12R 1/46** ( 2006.01 )  
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A47B 57/26 ( 2006.01 )  
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A47B 96/06 ( 2006.01 )  
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C02F 1/46 ( 2006.01 )  
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A61B 6/00 ( 2006.01 )  
B01J 29/04 ( 2006.01 )  
C01B 39/06 ( 2006.01 )  
C01B 39/08 ( 2006.01 )  
C01B 39/38 ( 2006.01 )  
C01G 17/00 ( 2006.01 )  
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G01D 18/00 ( 2006.01 )  
G01T 7/00 ( 2006.01 )  
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A61K 51/02 ( 2006.01 )  
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C01G 15/00 ( 2006.01 )  
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G21G 1/04 ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
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 pod  
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 tion method, pharmaceutical composi-  
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 autoreactivity in a T cell compartment  
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**B23P 15/00** ( 2006.01 )  
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**B60L 15/20** ( 2006.01 )  
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**B60D 1/07** ( 2006.01 )  
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**A61F 6/04** ( 2006.01 )  
**B32B 27/26** ( 2006.01 )  
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**B32B 27/30** ( 2006.01 )  
**B32B 27/36** ( 2006.01 )  
**C08J 3/02** ( 2006.01 )  
**C08L 7/02** ( 2006.01 )  
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**B24C 1/04** ( 2006.01 )  
**F04B 49/10** ( 2006.01 )  
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**B01D 53/26** ( 2006.01 )  
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 (54) Methods, compositions and uses relating thereto  
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 C11D 3/37 (2006.01)  
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 (54) System and method for automatic learning of functions  
 (51) Int. Cl.  
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 (54) System and method for selecting data sample groups for machine learning of context of data fields for various document types and/or for test data generation for quality assurance systems  
 (51) Int. Cl.  
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*G06F 17/27* ( 2006.01 )  
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*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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**(54)** Securement device for an orthopedic prosthesis, thermal treatment device for an orthopedic prosthesis, and methods of use  
**(51)** Int. Cl.  
**A61F 2/46** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 10/00** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/558** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
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**(31)** 62/545,129 **(32)** 14.08.17 **(33)** US  
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**(72)** Jones, Mitchell Lawrence; Wahl, Christopher Loren; Philippsen, Aaron Olafur Laurence; Allan, Nicholas David; Drlik, Mark Sasha; McGuinness, Ryan Paul; Singh, Sharat; Magyar, Bob  
**(74)** Davies Collision Cave Pty Ltd
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**(54)** Device for detecting the position of a first or second vehicle to be coupled together  
**(51)** Int. Cl.  
**B60D 1/36** ( 2006.01 )  
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**(54)** Cutting device and support for same  
**(51)** Int. Cl.  
**E21C 25/16** ( 2006.01 )  
**E21C 25/18** ( 2006.01 )  
**E21C 27/12** ( 2006.01 )  
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**(74)** Griffith Hack
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**(54)** Distributed transaction processing and authentication system  
**(51)** Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**(87)** WO2018/007828  
**(31)** 1611948.9 **(32)** 08.07.16 **(33)** GB  
**(43)** 11.01.2018  
**(72)** Davies, Lars  
**(74)** FB Rice Pty Ltd
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**(54)** A cap for packing containers, including an integral powder or liquid, adapted for sterilisation  
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**B65D 81/32** ( 2006.01 )  
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**(31)** 2017903203 **(32)** 10.08.17 **(33)** AU  
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**(54)** Insulation  
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**E04B 1/62** ( 2006.01 )
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**(72)** Dheur, Etienne  
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**C07C 39/15** ( 2006.01 )  
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<b>2015357769</b>	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	<b>2017298299</b>	Cell IDx, Inc.
<b>2016239987</b>	Solaire 2G	<b>2017298579</b>	AMG Metals Inc.; Powell (Richmond Hill) Contracting Limited; The Texas A&M University System
<b>2016413696</b>	Kvadrat Soft Cells A/S	<b>2017298607</b>	Acumen Design Associates Ltd
<b>2016415196</b>	Wilson, J.	<b>2017299137</b>	Bionou Research, S.L.; Korott, S.L.; Biopolis, S.L.
<b>2016418223</b>	Alfred Kärcher SE & Co. KG	<b>2017299445</b>	Image Recognition Technology, LLC
<b>2016418349</b>	Colgate-Palmolive Company	<b>2017299513</b>	Arete Discoveries, Inc.
<b>2016418410</b>	Facebook, Inc.	<b>2017300026</b>	ObsEva S.A.
<b>2016418877</b>	Huawei Technologies Co., Ltd.	<b>2017300287</b>	Freebowler, LLC
<b>2016418887</b>	Nokia Solutions and Networks Oy	<b>2017300595</b>	BASF SE
<b>2016419031</b>	AppViewX Inc	<b>2017300720</b>	BASF Coatings GmbH
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<b>2016420621</b>	Monatomics Technology	<b>2017300770</b>	Zeality Inc.
<b>2016421324</b>	Essity Hygiene and Health Aktiebolag	<b>2017301040</b>	Accellta Ltd.
<b>2016422180</b>	Selfrag AG	<b>2017301113</b>	Vectus Biosystems Limited
<b>2016425871</b>	Halliburton Energy Services, Inc.	<b>2017301292</b>	Tech Corporation Co., Ltd.
<b>2016426605</b>	Novartis AG	<b>2017301456</b>	Caterpillar Inc.
<b>2016426606</b>	Novartis AG	<b>2017301748</b>	Von Oepen, R.; McNiven, S.; Valencia, F.
<b>2016427001</b>	Wright Medical Technology, Inc.	<b>2017301852</b>	Gerrard, R.; Gerrard, M.
<b>2016428212</b>	Halliburton Energy Services, Inc.	<b>2017301915</b>	Momenta Pharmaceuticals, Inc.
<b>2016429441</b>	Frank's International, LLC	<b>2017301983</b>	Baggerwerken Decloedt En Zoon N.v.
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<b>2017291945</b>	Global Post Graystone Inc.	<b>2017302589</b>	Senti Biosciences, Inc.
<b>2017292132</b>	Vignola, M.	<b>2017303415</b>	BASF SE
<b>2017293405</b>	Kalypton International Limited	<b>2017303416</b>	BASF SE
<b>2017293659</b>	Safe2Health Pty Limited	<b>2017303706</b>	Rhodia Operations; Eurovia
<b>2017293942</b>	Hawaii Biotech Inc.; Infectious Disease Research Institute	<b>2017304271</b>	Smith & Nephew, Inc.
<b>2017294231</b>	Guangzhou Maxinovel Pharmaceuticals Co., Ltd	<b>2017304434</b>	National Cancer Center; Korea Research Institute of Chemical Technology
<b>2017294276</b>	Carsgen Therapeutics Co., Ltd.; Shanghai Cancer Institute	<b>2017304469</b>	BASF SE
<b>2017294640</b>	High Speed Transmission Solutions Ltd	<b>2017304546</b>	National Cancer Center; Korea Research Institute of Chemical Technology
<b>2017294711</b>	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	<b>2017304582</b>	Shell Internationale Research Maatschappij B.V.
<b>2017294795</b>	Fastbrick IP Pty Ltd	<b>2017305064</b>	National University Corporation Nagoya University; Life Science Institute, Inc.; Tohoku University
<b>2017294796</b>	Fastbrick IP Pty Ltd	<b>2017305066</b>	Life Science Institute, Inc.
<b>2017294797</b>	Vapteq IP Pty Ltd	<b>2017305067</b>	Life Science Institute, Inc.
<b>2017295022</b>	Aerofit.dk ApS	<b>2017305108</b>	Faraday Grid Limited
<b>2017295055</b>	Knauf Insulation SPRL	<b>2017305176</b>	The Wistar Institute of Anatomy and Biology
<b>2017295262</b>	The Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.	<b>2017305240</b>	Aptinyx Inc.
<b>2017295311</b>	Ibuytrader Pty Ltd	<b>2017305425</b>	Chevron U.S.A. Inc.
<b>2017295313</b>	Trimiti Moebius Design Pty Ltd	<b>2017305431</b>	MicroOptx Inc.
<b>2017295317</b>	Fastbrick IP Pty Ltd	<b>2017305474</b>	L'air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude
<b>2017295447</b>	Oxycom Beheer B.V.	<b>2017305494</b>	Xero Limited
<b>2017295716</b>	Open Water Power, Inc.	<b>2017305524</b>	Memorial Sloan-Kettering Cancer Center
<b>2017295730</b>	Open Water Power, Inc.	<b>2017305597</b>	Burdoucci, R.
<b>2017295827</b>	Downunder Geosolutions Pty Ltd.	<b>2017305948</b>	Hu, C.; Academia Sinica
<b>2017295870</b>	Alligant Scientific, LLC	<b>2017306044</b>	Neitz, J.; Kuchenbecker, J.; Neitz, M.
<b>2017295964</b>	Intray Ltd	<b>2017306061</b>	Geopolymer Solutions LLC
<b>2017296175</b>	Bonus Therapeutics Ltd.	<b>2017306273</b>	National Oilwell DHT, L.P.
<b>2017296346</b>	Aljadeff, D.	<b>2017306576</b>	Lithium Australia NL
<b>2017296351</b>	Intec Pharma Ltd.	<b>2017306653</b>	Technip France
<b>2017296392</b>	Crinetics Pharmaceuticals, Inc.	<b>2017306676</b>	President And Fellows Of Harvard College
<b>2017296397</b>	Intuit Inc.	<b>2017306682</b>	United States Gypsum Company
<b>2017296402</b>	Intuit Inc.	<b>2017306706</b>	Eaton Intelligent Power Limited
<b>2017296408</b>	Intuit Inc.	<b>2017306949</b>	Munters Corporation
<b>2017296412</b>	Intuit Inc.	<b>2017307030</b>	Shell Internationale Research Maatschappij B.V.
<b>2017296533</b>	Geddes, G.A.	<b>2017307313</b>	AMBAH IP LIMITED
<b>2017297271</b>	Intuit Inc.	<b>2017307324</b>	Ultrahaptics IP Limited
<b>2017297272</b>	Intuit Inc.	<b>2017307616</b>	Allakos, Inc.
<b>2017297273</b>	Intuit Inc.	<b>2017307636</b>	Detnet South Africa (Pty) Ltd
<b>2017297280</b>	Lauria, G.; Garcia Cendejas, J.; Vega Malpica, M.; Joshina, J.	<b>2017307919</b>	Institut für Energietechnik
<b>2017297285</b>	Proliant Dairy, Inc.	<b>2017308080</b>	Janome Sewing Machine Co., Ltd.
<b>2017297293</b>	Stone Mountain Technologies, Inc.	<b>2017308293</b>	Tokuyama Corporation
<b>2017297433</b>	SWIMC LLC	<b>2017308461</b>	Hanmi Pharm. Co., Ltd.
		<b>2017308473</b>	ToolGen Incorporated

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2017308576	Austin Star Detonator Company	2017312528	Curium US LLC
2017308640	Horizon Global Americas Inc.	2017312529	Rite-Hite Holding Corporation
2017308676	Raytheon Company	2017312531	Curium US LLC
2017308788	Norbrook Laboratories Limited	2017312535	Curium US LLC
2017308814	Aureogen Biosciences, Inc.	2017312540	Genentech, Inc.
2017308889	President and Fellows of Harvard College	2017312626	Lenkbar, LLC
2017308902	InterDigital Patent Holdings, Inc.	2017312647	PopSockets LLC
2017308905	The Charles Stark Draper Laboratory, Inc.; The Brigham and Women's Hospital, Inc.	2017312662	Jones, M.L.; Wahl, C.L.; Philippsen, A.O.L.; Allan, N.D.; Drlik, M.; McGuinness, R.P.; Singh, S.; Magyar, R.S.
2017308914	Magic Leap, Inc.	2017312770	Colgate-Palmolive Company
2017309095	CJ Cheiljedang Corporation	2017312809	OutcomeMD, Inc.
2017309300	Bachmair, F.	2017312869	Joint Innovation Technology, LLC
2017309306	Nekonal S.a.r.l.	2017312875	LivePerson, Inc.
2017309311	Carag AG	2017312944	Hypertherm, Inc.
2017309343	Intelligent Fingerprinting Limited	2017313062	Optum, Inc.
2017309382	Ellipse World S.A.	2017313065	Fujifilm Cellular Dynamics Inc.
2017309383	Ellipse World S.A.	2017313123	Bardex Corporation
2017309384	Laurastar SA	2017313149	SRI International
2017309399	Telefonaktiebolaget LM Ericsson (Publ)	2017313211	Shaper Tools, Inc.
2017309417	Telefonaktiebolaget LM Ericsson (publ)	2017313215	Gemalto SA
2017309617	Kiffner, Y.	2017313281	Nexans Solar Technologies
2017309652	Teleflex Lifesciences; McBurney, D.	2017313312	Nexans Solar Technologies
2017309949	Frito-Lay Trading Company GmbH	2017313405	Compugen Ltd.
2017309950	Frito-Lay Trading Company GmbH	2017313423	Novocure Limited
2017309985	Nekonal S.a.r.l.	2017313427	Suven Life Sciences Limited
2017310017	Wim de Laat Consultancy B.V.	2017313433	Technological Resources Pty. Limited
2017310041	Partner Local Grup, SL	2017313449	The Crown in right of the State of New South Wales acting through the Department of Justice Corrective Services NSW, Corrective Services Industries
2017310044	ABASCAL RUBIO, M.S.	2017313450	Sementis Limited
2017310229	Gas Technology Institute	2017313718	Omnioeme, Inc.
2017310249	Breville Pty Limited	2017313769	Rovi Guides, Inc.
2017310258	Cooper, D.; Wee, J.	2017313823	Ovid Therapeutics Inc.
2017310259	Lithium Extraction Technologies (Australia) Pty Ltd; Australian Nuclear Science and Technology Organisation	2017313847	Memorial Sloan-Kettering Cancer Center
2017310274	Patent Applied Technology	2017313908	Arena Pharmaceuticals, Inc.
2017310375	Goldman Sachs & Co. LLC	2017314148	Sandoz AG
2017310423	Celgene Corporation	2017314943	Edwards Lifesciences Corporation
2017310424	Exactech, Inc.	2017314993	ReActive Robotics GmbH
2017310429	IDAC Holdings, Inc.	2017315136	Reckitt Benckiser Finish B.V.
2017310470	Biom'up	2017315164	Sandoz AG
2017310525	PRC-DeSoto International, Inc.	2017315253	Novomatic AG
2017310535	Oregon Health & Science University	2017315265	Neurim Pharmaceuticals (1991) Ltd.
2017310554	Record Sure Limited	2017315325	The University of Sydney
2017310557	Verderg Renewable Energy Limited	2017315327	NPNH Nominees Pty. Ltd.
2017310759	Huawei Technologies Co., Ltd.	2017315343	ArQule, Inc.
2017310760	Huawei Technologies Co., Ltd.	2017315345	BBM Health LLC
2017310778	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017315357	Eisai R&D Management Co., Ltd.
2017310900	Huawei Technologies Co., Ltd.	2017315638	Casale SA
2017311078	Huawei Technologies Co., Ltd.	2017315764	Cala Health, Inc.
2017311168	Hongyun Biotech Co., Ltd.	2017315766	Harsco Technologies LLC
2017311235	Orison, Inc.	2017315776	Vista Outdoor Operations LLC
2017311252	Eaton Intelligent Power Limited	2017315963	Harsco Technologies LLC
2017311253	Eaton Intelligent Power Limited	2017316186	Satori Worldwide, LLC
2017311405	Temple University Of The Commonwealth System Of Higher Education	2017316454	ViaSat, Inc.
2017311409	Upstart Power, Inc.	2017316625	Mammone, R.; Clearview Diagnostics, Inc.
2017311493	Intrepid Brands, LLC	2017316667	Magic Leap, Inc.
2017311557	Compagnie Gervais Danone; N.V. Nutricia	2017317018	ViaSat, Inc.
2017311560	Compagnie Gervais Danone; N.V. Nutricia	2017317568	F. Hoffmann-La Roche AG
2017311585	Genentech, Inc.	2017317600	Magic Leap, Inc.
2017311597	Zafgen, Inc.	2017317613	Smith & Nephew plc
2017311613	Komatsu Ltd.	2017317652	Metax Institut für Diätetik GmbH
2017311645	Pfizer Inc.	2017317654	Command Alkon Incorporated
2017311860	ExVivo Labs Inc.	2017318104	Urbanalps AG
2017312122	Huntsman Advanced Materials Americas LLC	2017318180	Linde Aktiengesellschaft
2017312142	Joy Global Underground Mining LLC	2017318181	Linde Aktiengesellschaft
2017312323	B. Braun Melsungen AG	2017318439	Panasonic Intellectual Property Corporation of America
2017312325	B. Braun Melsungen AG	2017318511	Millet Innovation
2017312361	Immatics Biotechnologies GmbH	2017318546	Dyson Technology Limited
2017312520	Research Engineering & Manufacturing Inc.	2017318547	Dyson Technology Limited
		2017318548	Dyson Technology Limited
		2017319072	Dyson Technology Limited



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2017319594	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência	2017340550	Robel Bahnbaumaschinen GmbH
2017320329	CRC CARE Pty Ltd	2017341342	Nestec SA
2017320338	Schmacker Investments Pty Ltd	2017343414	Beijing Dongfang Biotech Co. Ltd.; Beijing Jingyitaixiang Technology Development Co. Ltd.
2017320339	Weir Group IP Limited	2017343440	HydroGlyde Coatings LLC
2017320608	Chr. Hansen A/S	2017343638	Research Triangle Institute
2017320642	Advitex GmbH	2017345042	Halliburton Energy Services, Inc.
2017320742	F. Hoffmann-La Roche AG	2017345043	Halliburton Energy Services, Inc.
2017320782	E-Seven Systems Technology Management Ltd	2017353991	Boston Scientific Scimed, Inc.
2017320848	Pepsico, Inc.	2017354206	Komatsu Ltd.
2017320870	Consolidated Container Company LP; Milacron LLC	2017359302	Nelson Irrigation Corporation
2017321014	Northrop Grumman Systems Corporation	2017359558	Niftylift Limited
2017321138	Exxonmobil Upstream Research Company	2017362169	Zodiac Pool Systems LLC
2017321139	ExxonMobil Upstream Research Company	2017366425	AECOM (Delaware Corporation)
2017321142	Exxonmobil Upstream Research Company	2017368760	Saint-Gobain Glass France
2017321255	Satori Worldwide, LLC	2017372774	Wirtgen GmbH
2017321289	Allegiance Corporation	2017372846	Boston Scientific SciMed, Inc.
2017321300	Hackensack University Medical Center	2017377009	Industrie Borla S.p.A.
2017321314	Hackensack University Medical Center	2017391886	CRRC Dalian Co., Ltd.
2017321322	California Institute of Technology	2017395075	IHI Corporation
2017321426	Hackensack University Medical Center	2017395128	Anhui University of Science and Technology
2017321524	Goldman Sachs & Co. LLC	2018216526	LG Electronics Inc.
2017321609	Dana-Farber Cancer Institute, Inc.	2018250443	Kambouris, A.
2017321892	Dicerna Pharmaceuticals, Inc.	2018267660	Bio-Thera Solutions, Ltd.
2017322243	Ecolab USA Inc.	2018279000	Unilumin Group Co., Ltd.
2017322677	Takasago International Corporation	2018279049	Dynapower Company LLC
2017324450	Applied Medical Resources Corporation	2018283879	Grow Solutions Tech LLC
2017324520	Ecolab USA Inc.	2018283888	Grow Solutions Tech LLC
2017324949	Veracyte, Inc.	2018283934	Grow Solutions Tech LLC
2017325104	Balasingham, M.	2018287917	Intex Holdings Pty Ltd
2017325703	Qualcomm Incorporated	2018295510	Lau, C.
2017325708	Qualcomm Incorporated	2018298512	LG Electronics Inc.
2017326063	AT&T Intellectual Property I, L.P.	2018303343	Aqseptence Group Pty Ltd
2017326078	Visa International Service Association	2018308961	Smart Blox Pty Ltd
2017326101	Qualcomm Incorporated		
2017326452	Qualcomm Incorporated		
2017326487	Janssen Pharmaceutica NV		
2017326964	Exxonmobil Upstream Research Company		
2017326977	Qualcomm Incorporated		
2017327469	Resen Waves ApS		
2017327594	Nestec S.A.		
2017327595	Nestec S.A.		
2017327672	Janssen Vaccines & Prevention B.V.		
2017328028	Qualcomm Incorporated		
2017328135	Novartis AG		
2017328617	F. Hoffmann-La Roche AG		
2017328913	The University Court of the University Of Edinburgh		
2017329457	SIGVARIS AG		
2017329458	SIGVARIS AG		
2017329487	GRST International Limited		
2017329491	GRST International Limited		
2017330583	Holcim Technology Ltd		
2017331438	Think Surgical, Inc.		
2017332582	Qualcomm Incorporated		
2017332624	AT&T Intellectual Property I, L.P.		
2017332750	Qualcomm Incorporated		
2017332769	Qualcomm Incorporated		
2017333573	Honda Motor Co., Ltd.		
2017333610	Panasonic Intellectual Property Management Co., Ltd.		
2017333873	Jost-Werke Deutschland GmbH		
2017334286	Innospec Limited		
2017335247	Innospec Limited		
2017335297	Innospec Limited		
2017335771	XOMA (US) LLC; MUSC Foundation for Research Development		
2017335843	Merit Medical Systems, Inc.		
2017336593	Innospec Limited		
2017336596	Innospec Limited		
2017336867	Beijing Hanmi Pharmaceutical Co., Ltd.		
2017338086	Yeditepe Universitesi		
2017338778	Owen Oil Tools LP		
2017339857	AgJunction LLC		

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2017339857	2017309095	2017310258	2017324450	2017314148	2017321314
<b><u>A01B 79 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A47B 96 /-</u></b>	2017331438	2017315164	<b><u>A61K 51 /-</u></b>
2017339857	2017294711	2017310258	<b><u>A61F 13 /-</u></b>	2017315265	2017312528
<b><u>A01C 7 /-</u></b>	<b><u>A23L 27 /-</u></b>	2017310258	2017317613	2017315343	<b><u>A61K 8 /-</u></b>
2018283879	2017322677	<b><u>A47F 1 /-</u></b>	2017329457	2017315357	2016418349
<b><u>A01G 31 /-</u></b>	<b><u>A23L 29 /-</u></b>	2017320848	2017329458	2017320742	2017300595
2018283934	2017297285	<b><u>A47J 31 /-</u></b>	<b><u>A61F 2 /-</u></b>	2017321322	2017334286
<b><u>A01G 9 /-</u></b>	<b><u>A23L 31 /-</u></b>	2017310249	2017301748	2017321892	2017335247
2018283888	2017310017	2017341342	2017310424	2017328135	2017335297
2018283934	<b><u>A23L 33 /-</u></b>	<b><u>A47J 36 /-</u></b>	2017312869	2017343638	2017336593
<b><u>A01K 61 /-</u></b>	2016415196	2017310249	2017314943	2018267660	2017336596
2017318181	2017297285	<b><u>A47J 43 /-</u></b>	2017335843	<b><u>A61K 35 /-</u></b>	<b><u>A61K 9 /-</u></b>
<b><u>A01K 63 /-</u></b>	2017317652	2017310249	2017353991	2017293942	2017296351
2017318180	2017327594	<b><u>A47L 13 /-</u></b>	<b><u>A61F 5 /-</u></b>	2017296175	2017296392
2017318181	2017327595	2017312770	2017308473	2017299137	2017304271
<b><u>A21C 9 /-</u></b>	<b><u>A23L 35 /-</u></b>	<b><u>A47L 17 /-</u></b>	2017313449	2017305064	2017304546
2017309949	2016415196	2017312770	2017318511	2017305067	2017307313
<b><u>A23C 1 /-</u></b>	<b><u>A23P 10 /-</u></b>	<b><u>A47L 25 /-</u></b>	2017329457	2017308473	2017308461
2017297285	2017300595	2017312770	2017329458	2017313450	2017308788
<b><u>A23C 19 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61F 6 /-</u></b>	2017313847	2017313823
2017311557	2017311493	2017312626	2017343440	2017317652	2017321609
2017311560	<b><u>A41C 3 /-</u></b>	2017312662	<b><u>A61F 9 /-</u></b>	2017305524	<b><u>A61L 2 /-</u></b>
<b><u>A23C 21 /-</u></b>	2017309311	<b><u>A61B 17 /-</u></b>	2016426605	2017308814	2017309311
2017297285	<b><u>A41D 13 /-</u></b>	2016427001	2016426606	2017313847	<b><u>A61L 26 /-</u></b>
<b><u>A23C 9 /-</u></b>	2017305597	2017310424	<b><u>A61G 7 /-</u></b>	2017317652	2017310470
2017297285	<b><u>A45D 1 /-</u></b>	2017314943	2017314993	2017321314	<b><u>A61L 27 /-</u></b>
2017311557	2017318546	2017324450	<b><u>A61H 1 /-</u></b>	2017321322	2017309652
2017311560	2017318548	2017331438	2017314993	2017321609	<b><u>A61L 29 /-</u></b>
2017320608	2017319072	2017372846	<b><u>A61J 1 /-</u></b>	2017321609	2017309652
<b><u>A23G 4 /-</u></b>	<b><u>A45D 2 /-</u></b>	2018295510	2017321289	2017335771	<b><u>A61L 31 /-</u></b>
2017322677	2017318548	<b><u>A61B 18 /-</u></b>	<b><u>A61K 31 /-</u></b>	2017336867	2017304271
<b><u>A23J 1 /-</u></b>	<b><u>A45D 20 /-</u></b>	2017313423	2017294231	2017343414	2017331438
2017294711	2017318546	<b><u>A61B 34 /-</u></b>	2017295262	<b><u>A61K 45 /-</u></b>	<b><u>A61M 1 /-</u></b>
2017310017	2017318547	2017324450	2017296392	2017304546	2017309311
<b><u>A23K 10 /-</u></b>	2017318548	2017331438	2017297285	2017311405	2017317613
2017297285	2017319072	<b><u>A61B 5 /-</u></b>	2017298142	2017315357	<b><u>A61M 11 /-</u></b>
2017309095	<b><u>A45D 6 /-</u></b>	2017295022	2017300026	2017326487	2017311493
<b><u>A23K 20 /-</u></b>	2017318548	2017310424	2017300595	2017328135	<b><u>A61M 15 /-</u></b>
2017300595	<b><u>A46B 5 /-</u></b>	2017312662	2017301113	<b><u>A61K 47 /-</u></b>	2017311493
	2017318546	<b><u>A61B 6 /-</u></b>	2017304434	2017307616	<b><u>A61M 16 /-</u></b>
		2017312524	2017304546	201731585	2016420621
			2017305240	2017321609	<b><u>A61M 19 /-</u></b>
			2017307313	2017305176	2016420621
			2017308461		
			2017308788		
			2017310423		
			2017311168		
			2017311405		
			2017311585		
			2017311597		
			2017313427		
			2017313450		
			2017313823		

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2017301748	<b><u>A61P 37 /-</u></b>	2017306682		2017320338	2017303415	2018283888
2017312323					2017303416	<b><u>B61C 17 /-</u></b>
2017312325	2017321426	<b><u>B01F 3 /-</u></b>		<b><u>B22C 21 /-</u></b>	2017304469	2017391886
2017335843	2017327594	2017301292		2017302051		
<b><u>A61M 27 /-</u></b>	2017327595	2017318180			<b><u>B32B 27 /-</u></b>	<b><u>B61F 5 /-</u></b>
	2017336867					2017302051
2017353991	<b><u>A61P 5 /-</u></b>	<b><u>B01F 5 /-</u></b>		<b><u>B22C 9 /-</u></b>	2017343440	
<b><u>A61M 39 /-</u></b>	2017300026	2017301292		2017302051	<b><u>B33Y 10 /-</u></b>	<b><u>B61L 23 /-</u></b>
		2017318180				2017315766
2017312323	<b><u>A61P 9 /-</u></b>			<b><u>B22D 37 /-</u></b>	2017303415	
2017312325		<b><u>B01F 7 /-</u></b>		2017395128	2017303416	
2017321289	2017305067				2017304469	<b><u>B61L 25 /-</u></b>
2017377009	<b><u>A61Q 11 /-</u></b>	2017306682		<b><u>B22F 5 /-</u></b>	<b><u>B33Y 30 /-</u></b>	2017315766
<b><u>A61N 1 /-</u></b>		<b><u>B01J 20 /-</u></b>		2017320339	2017320339	
	2016418349					<b><u>B63B 21 /-</u></b>
2017313423	<b><u>A61Q 5 /-</u></b>	2017313149		<b><u>B22F 7 /-</u></b>	<b><u>B33Y 50 /-</u></b>	2017313123
2017315764				2017320339	2017320339	
<b><u>A61N 5 /-</u></b>	2017334286	<b><u>B01J 23 /-</u></b>		2017320339		<b><u>B63C 9 /-</u></b>
	2017335247	2015303818		<b><u>B23D 53 /-</u></b>	<b><u>B33Y 70 /-</u></b>	2017292132
2017309311	2017335297	<b><u>B01J 29 /-</u></b>		2017340550	2017303415	
<b><u>A61P 1 /-</u></b>	2017336593				2017303416	<b><u>B64C 25 /-</u></b>
	2017336596	2017312524		<b><u>B23D 55 /-</u></b>	2017304469	2017305597
2017328135	<b><u>A62C 27 /-</u></b>	2017312528		2017340550	<b><u>B33Y 80 /-</u></b>	<b><u>B64C 39 /-</u></b>
2017328913		<b><u>B01J 32 /-</u></b>				2017296346
<b><u>A61P 11 /-</u></b>	2017310044	2015303818		<b><u>B23P 15 /-</u></b>	2017303415	
	<b><u>A62C 3 /-</u></b>			2017345042	2017303416	<b><u>B64D 11 /-</u></b>
2017301113		<b><u>B01J 37 /-</u></b>			2017304469	2017298607
2017305064	2017310044	2015303818		<b><u>B23P 17 /-</u></b>	2017320339	
2017305067	<b><u>A62C 99 /-</u></b>			2017313211	<b><u>B60D 1 /-</u></b>	<b><u>B65B 35 /-</u></b>
<b><u>A61P 17 /-</u></b>		<b><u>B01J 8 /-</u></b>			2017308640	2017309949
	2017310044	2015357769		<b><u>B24C 1 /-</u></b>	2017333873	2017309950
2017299137	<b><u>A62D 3 /-</u></b>	2017304582		2017312944	<b><u>B60G 17 /-</u></b>	<b><u>B65B 39 /-</u></b>
2017315265		<b><u>B02C 19 /-</u></b>				2017309950
<b><u>A61P 25 /-</u></b>	2017320329			<b><u>B25J 11 /-</u></b>	2017315327	<b><u>B65B 43 /-</u></b>
	<b><u>A63B 21 /-</u></b>	2016422180		2017294795	<b><u>B60G 5 /-</u></b>	2017309950
2017305240		<b><u>B03B 5 /-</u></b>		2017294796		<b><u>B65B 57 /-</u></b>
2017313427	2017295022				2017315327	2017309950
2017313908	<b><u>A63B 23 /-</u></b>	2017313149		<b><u>B25J 5 /-</u></b>	<b><u>B60J 1 /-</u></b>	<b><u>B65B 5 /-</u></b>
<b><u>A61P 3 /-</u></b>		<b><u>B04B 7 /-</u></b>		2017294795	2017368760	2017309949
	2017295022	2017320338		2017294796	<b><u>B60K 1 /-</u></b>	2017309950
2017311597	<b><u>A63B 69 /-</u></b>			2017395128		<b><u>B65B 57 /-</u></b>
2017313823		<b><u>B05B 3 /-</u></b>		<b><u>B25J 9 /-</u></b>	2017333573	<b><u>B65B 57 /-</u></b>
2017313908	2017300287	2017359302		2017294795	<b><u>B60L 15 /-</u></b>	2017309950
<b><u>A61P 31 /-</u></b>		<b><u>B07B 1 /-</u></b>		2017295317		<b><u>B65B 7 /-</u></b>
	<b><u>A63F 9 /-</u></b>	2017320338			2017333573	2017309950
2017304271		2018303343		<b><u>B28B 19 /-</u></b>	<b><u>B60L 5 /-</u></b>	<b><u>B65D 1 /-</u></b>
2017313450	2017295313			2017306682		2017310041
2017315164	<b><u>A63H 33 /-</u></b>	<b><u>B21B 1 /-</u></b>		<b><u>B28C 5 /-</u></b>	2018283888	2017320870
2017320742		2017320338		2017306682	<b><u>B60P 1 /-</u></b>	
<b><u>A61P 35 /-</u></b>	2017295313	<b><u>B21B 27 /-</u></b>		<b><u>B28C 7 /-</u></b>	2017294795	<b><u>B65D 23 /-</u></b>
	<b><u>B01D 53 /-</u></b>	2017320338		2017317654	<b><u>B60S 3 /-</u></b>	2017310041
2017294231		2018303343		<b><u>B28C 9 /-</u></b>	2016418223	2017320870
2017294276	2017326964			2017306682		
2017307616	2017395075	<b><u>B21B 31 /-</u></b>				
2017310423	<b><u>B01F 13 /-</u></b>					
2017311168		2017320338				
2017311645		2017320338				
2017315357		2017320338				
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2017335771		2017320338				
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2016415196	2017311860	2017301113	2017301113	2017311597	
<b><u>B65D 51 /-</u></b>	<b><u>B81C 1 /-</u></b>	<b><u>C07C 235 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 19 /-</u></b>
2018250443	2017311860	2017301113	2017294231	2017311597	2017294276
<b><u>B65D 65 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07C 237 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 7 /-</u></b>
2017338086	2017395075	2017301113 2017310535	2017301113	2017311597	2017321322
<b><u>B65D 71 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C07C 255 /-</u></b>	<b><u>C07D 215 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C08B 37 /-</u></b>
2017297280	2017312524 2017312528	2017301113	2017301113 2017304434	2017311645 2017313908 2017315164	2017308293
<b><u>B65D 75 /-</u></b>	<b><u>C01G 15 /-</u></b>	<b><u>C07C 271 /-</u></b>	<b><u>C07D 231 /-</u></b>	<b><u>C07D 473 /-</u></b>	<b><u>C08F 257 /-</u></b>
2017312770	2017312528	2017301113	2017301113	2017320742	2017300720
<b><u>B65D 81 /-</u></b>	<b><u>C01G 17 /-</u></b>	<b><u>C07C 275 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08F 265 /-</u></b>
2017309300 2017338086 2018250443	2017312524	2017301113	2017301113 2017321322	2017305240 2017315343	2017305431
<b><u>B65G 13 /-</u></b>	<b><u>C01G 39 /-</u></b>	<b><u>C07C 279 /-</u></b>	<b><u>C07D 235 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C08F 287 /-</u></b>
2017294795	2017312531	2017313823	2017301113	2017311168	2017305431
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2017294795 2017309949	2017294797 2017301292 2017318180 2017320329 2017362169 2017366425	2017315638	2017301113 2017310423	2017305240	2017308293
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2017294795	2017366425	2017301113	2017301113	2017326487	2017305431
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2017294795 2017294796	2017366425	2017301113	2017301113	2017314148 2017321892	2017300720
<b><u>B65G 41 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07C 39 /-</u></b>	<b><u>C07D 263 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C08G 59 /-</u></b>
2017294795 2017313433	2017362169	2017301113	2017301113	2017317568	2017312122
<b><u>B65G 43 /-</u></b>	<b><u>C03C 17 /-</u></b>	<b><u>C07C 403 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07H 3 /-</u></b>	<b><u>C08J 3 /-</u></b>
2017313433	2017318180	2017300595	2017301113	2017297285	2017343440
<b><u>B65G 47 /-</u></b>	<b><u>C03C 25 /-</u></b>	<b><u>C07C 47 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07K 11 /-</u></b>	<b><u>C08J 7 /-</u></b>
2017294795 2017309949	2017307919	2017301113 2017322677	2017298142 2017301113	2017308814	2017305431
<b><u>B65G 57 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07C 5 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08K 3 /-</u></b>
2017309949	2017306061	2017304582 2017307030	2017301113	2017299513 2017305176 2017312361 2017317652 2017320608 2017321314 2017327672	2017300720
<b><u>B65G 67 /-</u></b>	<b><u>C07C 11 /-</u></b>	<b><u>C07C 65 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C08L 11 /-</u></b>	<b><u>C08L 23 /-</u></b>
2017294795	2017304582 2017307030	2017301113	2017294231 2017296392 2017343638	2017343440	2017343440
<b><u>B65G 69 /-</u></b>	<b><u>C07C 211 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08L 63 /-</u></b>
2017312529	2017301113	2017310535	2017321322 2017343638	2017294276 2017301915 2017307616 2017309985 2017311585 2017313405	2017312122
<b><u>B66C 15 /-</u></b>	<b><u>C07C 217 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C08L 7 /-</u></b>	<b><u>C08L 7 /-</u></b>
2017359558	2017301113	2017294231 2017301113 2017321322	2017311597 2017315343	2017343440	2017343440

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<b><u>C08L 75 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C25B 15 /-</u></b>	<b><u>D06P 5 /-</u></b>	<b><u>E04B 9 /-</u></b>	<b><u>E21B 33 /-</u></b>
2017300720	2017294276	2017295716		2016413696	2017306653
<b><u>C08L 77 /-</u></b>	2017302589	<b><u>C25B 9 /-</u></b>	2017334286		
	2017305066		2017335247		
2017303415	2017308473	2017295730	2017335297	<b><u>E04C 2 /-</u></b>	<b><u>E21B 34 /-</u></b>
2017303416	2017308889		2017336596	2018287917	2017345042
2017304469	2017321314	<b><u>C25D 11 /-</u></b>	<b><u>D21F 1 /-</u></b>		2017345043
<b><u>C08L 9 /-</u></b>	2017336867			<b><u>E04F 13 /-</u></b>	<b><u>E21B 37 /-</u></b>
	2017343414	2017310525	2016421324	2017296533	
2017343440	<b><u>C12N 5 /-</u></b>	<b><u>C25D 21 /-</u></b>	<b><u>D21F 11 /-</u></b>	<b><u>E04G 21 /-</u></b>	2016425871
<b><u>C08L 95 /-</u></b>	2017294276	2017295870	2016421324	2017294795	<b><u>E21B 4 /-</u></b>
	2017296175			2017294796	2017306273
2017303706	2017301040	<b><u>C25D 3 /-</u></b>	<b><u>D21J 3 /-</u></b>		
	2017305066	2017295730	2017297280	<b><u>E04H 12 /-</u></b>	<b><u>E21B 43 /-</u></b>
<b><u>C09D 105 /-</u></b>	2017305948	2017295870		2017330583	2016428212
	2017308473		<b><u>E01B 27 /-</u></b>		2017291945
2017338086	2017313065	<b><u>C25D 5 /-</u></b>	2017315963	<b><u>E04H 4 /-</u></b>	2017338778
	2017313847				
<b><u>C09D 133 /-</u></b>	2017321300	2017295870	<b><u>E01B 31 /-</u></b>	2017362169	<b><u>E21B 47 /-</u></b>
	2017321314		2017340550	<b><u>E05B 19 /-</u></b>	2016428212
2017300720	2017321426	<b><u>D03D 1 /-</u></b>		2017318104	2017321138
<b><u>C09D 175 /-</u></b>	<b><u>C12N 9 /-</u></b>	2017320642	<b><u>E01B 35 /-</u></b>	<b><u>E05B 29 /-</u></b>	2017321139
	2017306676		2017315963		2017321142
2017300720	2017308473	<b><u>D03D 15 /-</u></b>		2017318104	2017338778
<b><u>C09D 189 /-</u></b>	2017308889	2017320642	<b><u>E01C 23 /-</u></b>		<b><u>E21B 7 /-</u></b>
	<b><u>C12Q 1 /-</u></b>	<b><u>D03D 9 /-</u></b>	2017372774	<b><u>E05B 55 /-</u></b>	2017301983
2017338086	2017296175	2017320642		2018279000	2017306273
<b><u>C09D 5 /-</u></b>	2017305066		<b><u>E01F 13 /-</u></b>		2017345043
	2017309985	<b><u>D04H 1 /-</u></b>	2017301852	<b><u>E05B 75 /-</u></b>	<b><u>E21C 25 /-</u></b>
2017297433	2017313718			2017313449	2017312142
2017300720	2017317568	2016421324	<b><u>E01F 15 /-</u></b>		
2017310274	2017324949	2017295055		<b><u>E21B 1 /-</u></b>	<b><u>E21C 27 /-</u></b>
<b><u>C09K 11 /-</u></b>	2017328617	<b><u>D05B 57 /-</u></b>	2017298579	2017306273	2017312142
	<b><u>C12R 1 /-</u></b>	2017308080	2017301852		
2017310274	2017309095	<b><u>D05B 63 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F01K 25 /-</u></b>
<b><u>C09K 9 /-</u></b>	2017310017	2017308080	2017310274	2017306273	2017310229
	2017320608	<b><u>D05B 73 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F02G 1 /-</u></b>
2017307919	<b><u>C22B 26 /-</u></b>	2017308080		2016429441	2017309617
2017308293	2017306576	<b><u>D05B 75 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>F03B 13 /-</u></b>
<b><u>C10J 3 /-</u></b>	2017310259	2017308080	2017330583	2016429441	2017310557
	<b><u>C22B 3 /-</u></b>	<b><u>D06F 75 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E21B 23 /-</u></b>	2017327469
2015357769	2017306576	2017309384			
<b><u>C11D 17 /-</u></b>	2017310259	<b><u>D06F 79 /-</u></b>	2017301983	<b><u>E21B 23 /-</u></b>	<b><u>F03B 17 /-</u></b>
	<b><u>C22B 58 /-</u></b>	2017309384	2017354206	2016429441	2017310557
2017322243	2017312528	<b><u>D06P 1 /-</u></b>	2017372774	2017338778	2017310557
2017322243	<b><u>C23C 14 /-</u></b>	2017334286	<b><u>E02F 9 /-</u></b>	2017345043	<b><u>F03D 13 /-</u></b>
2017324520	2017307919	2017335247	2017301983	<b><u>E21B 27 /-</u></b>	2017330583
2017336593	<b><u>C25B 1 /-</u></b>	2017335297	2017311613	2016425871	
<b><u>C12M 3 /-</u></b>		2017336596	2017354206	<b><u>E21B 28 /-</u></b>	<b><u>F04B 49 /-</u></b>
	<b><u>C25B 11 /-</u></b>	<b><u>D06P 3 /-</u></b>	<b><u>E04B 1 /-</u></b>	2017291945	2017312944
2017321426	2015303818	2017334286	2017295055	2017306273	<b><u>F04B 51 /-</u></b>
<b><u>C12N 1 /-</u></b>	2017295716	2017335247	<b><u>E04B 2 /-</u></b>	<b><u>E21B 31 /-</u></b>	2017312944
	<b><u>C25B 11 /-</u></b>	2017335297		2017306273	
2017309095	2017295730	2017336593	2017296533		
2017310017		2017336596			
2017320608					

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<b><u>F04B 53 /-</u></b>	<b><u>F23C 13 /-</u></b>	<b><u>G01K 13 /-</u></b>	<b><u>G01V 1 /-</u></b>	2017317600	<b><u>G07F 7 /-</u></b>
2017312944	2017305474	2017310249	2017295827	<b><u>G06N 3 /-</u></b>	2017309382
<b><u>F16B 12 /-</u></b>	<b><u>F23C 5 /-</u></b>	<b><u>G01K 3 /-</u></b>	2017305425	2017310375	2017309383
2017310258	2017305474	2017295964	<b><u>G02B 1 /-</u></b>	2017321524	2017320848
<b><u>F16B 2 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>G01K 7 /-</u></b>	2017308293	<b><u>G06N 5 /-</u></b>	<b><u>G07F 9 /-</u></b>
2017310258	2017310229	2017300721	<b><u>G02B 27 /-</u></b>	2017310375	2017320848
<b><u>F16B 25 /-</u></b>	<b><u>F24F 5 /-</u></b>	<b><u>G01M 3 /-</u></b>	2017316667	2017313062	<b><u>G08G 1 /-</u></b>
2017312520	2017295447	2017312944	<b><u>G02B 5 /-</u></b>	2017321524	2017315766
<b><u>F16B 31 /-</u></b>	<b><u>F25B 41 /-</u></b>	<b><u>G01N 11 /-</u></b>	2017307919	<b><u>G06N 99 /-</u></b>	<b><u>G09B 19 /-</u></b>
2017297293	2017297293	2017317654	2017308293	2017296397	2016415196
<b><u>F16B 39 /-</u></b>	<b><u>F25J 3 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G02C 7 /-</u></b>	2017297271	<b><u>G09F 13 /-</u></b>
2017312520	2017395075	2017317568	2017306044	2017297273	2017310759
<b><u>F16B 9 /-</u></b>	<b><u>F26B 5 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G04F 13 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2017310760
2017310258	2017329487	2017312540	2017295964	2016419031	2017320848
<b><u>F16H 57 /-</u></b>	<b><u>F28C 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G05B 19 /-</u></b>	2017296397	<b><u>G10L 15 /-</u></b>
2017301456	2017295447	2017296175	2017295317	2017296408	2017308914
<b><u>F16K 11 /-</u></b>	<b><u>F28D 15 /-</u></b>	2017298299	2017313211	2017297272	<b><u>G10L 19 /-</u></b>
2017345042	2017306949	2017299513	<b><u>G05D 1 /-</u></b>	2017297273	2017310759
<b><u>F16K 31 /-</u></b>	<b><u>F28D 21 /-</u></b>	2017301915	2017311613	2017321524	2017310760
2017297293	2017295447	2017305948	2017339857	2017325104	
<b><u>F16L 11 /-</u></b>	<b><u>F41A 9 /-</u></b>	2017309306	2018283888	<b><u>G06Q 20 /-</u></b>	<b><u>G10L 21 /-</u></b>
2017306653	2017315776	2017309985	<b><u>G05F 1 /-</u></b>	2016418410	2017317600
<b><u>F16M 11 /-</u></b>	<b><u>F42B 3 /-</u></b>	2017311860	2017305108	2017309382	
2017312647	2017308576	2017312662	2017333610	2017309383	<b><u>G16H 10 /-</u></b>
<b><u>F16M 13 /-</u></b>	<b><u>F42D 1 /-</u></b>	2017313847	<b><u>G06F 1 /-</u></b>	2017326078	2017293659
2017312647	2017307636	2017317568	2017306949	<b><u>G06Q 30 /-</u></b>	<b><u>G21G 1 /-</u></b>
<b><u>F21K 9 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G01P 15 /-</u></b>	2017312647	2016418410	2017312528
2017306706	2017333573	2017362169	<b><u>G01R 23 /-</u></b>	2017305494	2017312531
<b><u>F21S 2 /-</u></b>	2017339857	<b><u>G01R 23 /-</u></b>	2017315325	2017325104	2017312535
2017306706	<b><u>G01D 18 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G01R 23 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>H01F 19 /-</u></b>
<b><u>F21V 23 /-</u></b>	2017312524	2017321014	2017315325	2017295311	2017294640
2017306706	<b><u>G01G 13 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G01R 23 /-</u></b>	2017296408	<b><u>H01F 21 /-</u></b>
<b><u>F21Y 113 /-</u></b>	2017309950	2017308905	<b><u>G01R 31 /-</u></b>	2017296412	2017294640
2017306706	<b><u>G01G 15 /-</u></b>	<b><u>G01S 17 /-</u></b>	2017297271	2017297272	<b><u>H01F 27 /-</u></b>
<b><u>F21Y 115 /-</u></b>	2017309950	2017295317	2017297273	<b><u>G06Q 50 /-</u></b>	2017294640
2017306706	<b><u>G01K 1 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 21 /-</u></b>	2016418410	<b><u>H01F 27 /-</u></b>
<b><u>F23C 10 /-</u></b>	2017310249	<b><u>G01S 5 /-</u></b>	2017293659	2017312809	2017294640
2017310229		<b><u>G01T 7 /-</u></b>	2017315345	2017318181	<b><u>H01L 21 /-</u></b>
			2017326078	<b><u>G06T 11 /-</u></b>	<b><u>H01L 21 /-</u></b>
			<b><u>G06F 3 /-</u></b>	2017299445	2017312524
			2017307324	<b><u>G06T 19 /-</u></b>	2017325703
			2017316667	2017316667	<b><u>H01L 27 /-</u></b>
			2017362169	<b><u>G06T 7 /-</u></b>	2017325708
			<b><u>G06F 9 /-</u></b>	2017316625	<b><u>H01L 29 /-</u></b>
			2017296402	<b><u>G07F 11 /-</u></b>	2017325703
			2017312875	2017320848	<b><u>H01L 31 /-</u></b>
			<b><u>G06K 9 /-</u></b>	<b><u>G07F 17 /-</u></b>	2016239987
			2017309343	2017315253	
			2017316625		

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<b><u>H01M 10 /-</u></b>		2017332750	<b><u>H04W 76 /-</u></b>
2017320782	<b><u>H02M 3 /-</u></b>		2018298512
2017329487	2017308676	<b><u>H04L 9 /-</u></b>	
	2017333610	2017293405	<b><u>H04W 8 /-</u></b>
<b><u>H01M 2 /-</u></b>		2017310554	2016418877
2017320782	<b><u>H02M 7 /-</u></b>	2017313215	
2017329491	2017333610	2017328028	<b><u>H05K 5 /-</u></b>
			2017308676
<b><u>H01M 8 /-</u></b>	<b><u>H02S 20 /-</u></b>	<b><u>H04M 1 /-</u></b>	
2017295716	2017313281	2017312647	<b><u>H05K 7 /-</u></b>
2017311409	2017313312		2017306949
		<b><u>H04N 21 /-</u></b>	2017308676
<b><u>H01P 3 /-</u></b>	<b><u>H02S 40 /-</u></b>	2017300770	
2017332624	2016239987	2017313769	<b><u>H05K 9 /-</u></b>
	2018308961		2017308676
<b><u>H01P 5 /-</u></b>	<b><u>H03K 3 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2017332624	2017321014	2017313769	
			<b><u>H04W 12 /-</u></b>
<b><u>H01P 7 /-</u></b>	<b><u>H03K 5 /-</u></b>	2017313215	
2017332624	2017321014	2017328028	
		2017332769	
<b><u>H01Q 1 /-</u></b>	<b><u>H04B 11 /-</u></b>	<b><u>H04W 16 /-</u></b>	
2017319594	2017295827	2017326101	
	2017321139		<b><u>H04W 24 /-</u></b>
<b><u>H01Q 3 /-</u></b>	<b><u>H04B 3 /-</u></b>	2017317600	
2017319594	2017326063		<b><u>H04W 28 /-</u></b>
			2017317018
<b><u>H01Q 7 /-</u></b>	<b><u>H04B 7 /-</u></b>	2017317018	
2017319594	2017311078	<b><u>H04W 36 /-</u></b>	
	2017317018	2017332769	
	2017326452		<b><u>H04W 4 /-</u></b>
<b><u>H02B 1 /-</u></b>	<b><u>H04L 1 /-</u></b>	2016419920	
2017311252	2016418887		<b><u>H04W 48 /-</u></b>
2017311253	2017310900	2017332769	
	2017326977	2018216526	
<b><u>H02B 11 /-</u></b>	2017332750		<b><u>H04W 52 /-</u></b>
2017311252			2017310778
	<b><u>H04L 12 /-</u></b>	2017321142	2017332750
<b><u>H02J 13 /-</u></b>	2017308511		
2017326063	2017316186	<b><u>H04W 56 /-</u></b>	
	2017316454	2017308902	
	2017317018		<b><u>H04W 68 /-</u></b>
<b><u>H02J 3 /-</u></b>	2017321255	2016418877	
2017311235	2017321524		<b><u>H04W 74 /-</u></b>
			2017309399
<b><u>H02J 7 /-</u></b>	<b><u>H04L 27 /-</u></b>	2017309417	2017332582
2017333573	2017310778	2017332582	2018216526
2018279049	2017318439		
			<b><u>H04W 8 /-</u></b>
<b><u>H02K 16 /-</u></b>	<b><u>H04L 29 /-</u></b>	2016418877	
2017258465	2017312875		<b><u>H04W 74 /-</u></b>
	2017316454		2017309399
<b><u>H02K 21 /-</u></b>	2017328028		2017309417
2017258465	2017332769		2017332582
			2018216526
<b><u>H02K 53 /-</u></b>	<b><u>H04L 5 /-</u></b>		
2017258465	2017310429		
	2017326977		

Applications Accepted

Name Index

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(71) 1934612 Ontario Inc.  
 (11) AU-B-2014343377  
 (21) 2014343377 (22) 31.10.2014  
 (54) Fluid treatment system  
 (51) Int. Cl.  
     **B01D 36/02** ( 2006.01 )  
     **B01D 19/00** ( 2006.01 )  
     **B01D 37/03** ( 2006.01 )  
     **B01D 53/62** ( 2006.01 )  
     **C02F 1/44** ( 2006.01 )  
     **C02F 1/52** ( 2006.01 )  
     **C02F 9/04** ( 2006.01 )  
 (87) WO2015/063614  
 (31) 14/070,263 (32) 01.11.13 (33) US  
 (43) 07.05.2015  
 (44) 28.02.2019  
 (72) Butters, Brian E.; Powell, Anthony L.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(71) 22nd Century Limited, LLC  
 (11) AU-B-2017239579  
 (21) 2017239579 (22) 05.10.2017  
 (54) REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS  
 (51) Int. Cl.  
     **C12N 15/82** ( 2006.01 )  
 (43) 26.10.2017  
 (44) 28.02.2019  
 (62) 2015202209  
 (72) HASHIMOTO, Takashi; KATO, Akira  
 (74) Griffith Hack

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(71) 3M Innovative Properties Company  
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 (51) Int. Cl.  
     **A47G 1/17** ( 2006.01 )  
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 (31) 62/139,124 (32) 27.03.15 (33) US  
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 (51) Int. Cl.  
     **H04R 1/10** ( 2006.01 )  
     **A61F 11/14** ( 2006.01 )  
     **H04R 5/033** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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(71) 4D Pharma Research Limited  
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 (54) Polypeptide and immune modulation  
 (51) Int. Cl.  
     **A61K 35/74** ( 2006.01 )  
     **A61K 31/713** ( 2006.01 )  
     **A61P 37/02** ( 2006.01 )  
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 (54) Fc variants  
 (51) Int. Cl.  
     **C07K 16/00** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
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 (31) 61/791,624 (32) 15.03.13 (33) US  
 (43) 18.09.2014  
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 (51) Int. Cl.  
     **G06F 16/24** ( 2019.01 )  
     **G06F 9/44** ( 2006.01 )  
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 (31) 14/746,188 (32) 22.06.15 (33) US  
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (54) Irrigation device  
 (51) Int. Cl.  
     **A01G 25/00** ( 2006.01 )

**A01G 9/24** ( 2006.01 )  
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 (31) 92532 (32) 29.08.14 (33) LU  
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 (74) Griffith Hack

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 (21) 2015207769 (22) 14.01.2015  
 (54) Transportation and installation of sub-sea rigid tie-in connections  
 (51) Int. Cl.  
     **F16L 1/24** ( 2006.01 )  
     **F16L 1/26** ( 2006.01 )  
 (87) WO2015/107421  
 (31) 1400655.5 (32) 15.01.14 (33) GB  
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 (74) Allens Patent & Trade Mark Attorneys

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(71) Adverio Pharma GmbH  
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 (54) Method for producing substituted 5-fluoro-1H-pyrazolopyridines  
 (51) Int. Cl.  
     **C07D 471/04** ( 2006.01 )  
     **A61K 31/506** ( 2006.01 )  
     **A61P 9/00** ( 2006.01 )  
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 (44) 28.02.2019  
 (62) 2012342547  
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-B-2015311663  
 (21) 2015311663 (22) 14.09.2015  
 (54) Media streaming methods, apparatus and systems  
 (51) Int. Cl.  
     **H04N 7/18** ( 2006.01 )  
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 (31) 62/045,300 (32) 03.09.14 (33) US  
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 (72) Kanuganti, Suman; Chang, Yuja; Bock, Lawrence  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) New solvated crystal form of rifaximin, production, compositions and uses thereof  
 (51) Int. Cl.  
     **C07D 498/22** ( 2006.01 )  
     **A61K 31/437** ( 2006.01 )



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**A61P 31/04** ( 2006.01 )  
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**(31)** 61/992,017 **(32)** 12.05.14 **(33)** US  
**(43)** 19.11.2015  
**(44)** 28.02.2019  
**(72)** Viscomi, Giuseppe Claudio; Maffei, Paola; Sforzini, Annalisa; Grepioni, Fabrizia; Chelazzi, Laura  
**(74)** Lord & Company

**(71)** Alfred Kärcher GmbH & Co. KG  
**(11)** AU-B-2015385182  
**(21)** 2015385182 **(22)** 02.03.2015  
**(54)** Rotary nozzle for a high-pressure cleaning device  
**(51)** Int. Cl.  
**B05B 3/04** ( 2006.01 )  
**B08B 3/02** ( 2006.01 )  
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**(43)** 09.09.2016  
**(44)** 28.02.2019  
**(72)** Dirnberger, Sven; Schwarz, Bjorn; Werner, Stefan; Wesch, Johann Georg  
**(74)** Griffith Hack

**(71)** Alkermes Pharma Ireland Limited  
**(11)** AU-B-2018202410  
**(21)** 2018202410 **(22)** 05.04.2018  
**(54)** METHODS FOR TREATING ANTI-PSYCHOTIC-INDUCED WEIGHT GAIN  
**(51)** Int. Cl.  
**A01N 43/42** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**(43)** 26.04.2018  
**(44)** 28.02.2019  
**(62)** 2017200396  
**(72)** Deaver, Daniel; Todtenkopf, Mark  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Amazon Technologies, Inc.  
**(11)** AU-B-2017225086  
**(21)** 2017225086 **(22)** 07.09.2017  
**(54)** FAST CRASH RECOVERY FOR DISTRIBUTED DATABASE SYSTEMS  
**(51)** Int. Cl.  
**G06F 16/21** ( 2019.01 )  
**(43)** 05.10.2017  
**(44)** 28.02.2019  
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**(72)** Gupta, Anurag Windlass; Burchall, Laurion Darrell; Madhavarapu, Pradeep Jnana; Fachan, Neal  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** AMERICAN GREETINGS CORPORATION  
**(11)** AU-B-2014240255  
**(21)** 2014240255 **(22)** 02.10.2014  
**(54)** POP-UP GREETING CARDS WITH CONFETTI  
**(51)** Int. Cl.  
**B42D 15/02** ( 2006.01 )  
**G09F 1/00** ( 2006.01 )  
**G09F 27/00** ( 2006.01 )  
**(31)** 61/888,193 **(32)** 08.10.13 **(33)** US

**(43)** 23.04.2015  
**(44)** 28.02.2019  
**(72)** Budzar, Lauren; Talbot, John; Shlonsky, Lynne  
**(74)** Spruson & Ferguson

**(71)** AMSTED Rail Company, Inc.  
**(11)** AU-B-2018200075  
**(21)** 2018200075 **(22)** 04.01.2018  
**(54)** System and method for detecting operational anomalies in train consists and railcars  
**(51)** Int. Cl.  
**B61L 15/00** ( 2006.01 )  
**(43)** 25.01.2018  
**(44)** 28.02.2019  
**(62)** 2014369839  
**(72)** LEFEBVRE, William; MARTIN, Andrew H.; COOPER, Francis James; ADAMEC, Rachel W.  
**(74)** Spruson & Ferguson

**(71)** Anheuser-Busch Inbev SA  
**(11)** AU-B-2015238523  
**(21)** 2015238523 **(22)** 20.03.2015  
**(54)** Integral keg connector  
**(51)** Int. Cl.  
**B67D 1/08** ( 2006.01 )  
**(87)** WO2015/144591  
**(31)** 14161266.3 **(32)** 24.03.14 **(33)** EP  
**(43)** 01.10.2015  
**(44)** 28.02.2019  
**(72)** Peirsman, Daniel; Vandekerckhove, Stijn  
**(74)** Adams Pluck

**(71)** ANT Applied New Technologies AG  
**(11)** AU-B-2014383643  
**(21)** 2014383643 **(22)** 19.02.2014  
**(54)** Nozzle head  
**(51)** Int. Cl.  
**B24C 3/04** ( 2006.01 )  
**(87)** WO2015/124182  
**(43)** 27.08.2015  
**(44)** 28.02.2019  
**(72)** Linde, Marco  
**(74)** Madderns Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2016331484  
**(21)** 2016331484 **(22)** 09.05.2016  
**(54)** Intelligent device identification  
**(51)** Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**G10L 15/26** ( 2006.01 )  
**G10L 21/16** ( 2013.01 )  
**H04R 25/00** ( 2006.01 )  
**(87)** WO2017/058293  
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 15/144,618 02.05.16 US  
**(43)** 06.04.2017  
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**(72)** Newendorp, Brandon J.; Napolitano, Lia T.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2017201079  
**(21)** 2017201079 **(22)** 17.02.2017  
**(54)** Devices and methods for navigating between user interfaces  
**(51)** Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**G09G 5/00** ( 2006.01 )  
**(43)** 09.03.2017  
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**(72)** ALONSO RUIZ, Marcos; KAR-UNAMUNI, Chanaka G.; DASCOLA, Jonathan R.; BAUER, Sebastian J.; CATO, Andrew B.; CHAUDHRI, Imran A.; FEDERIGHI, Craig M.; FOSS, Christopher P.; GAMBLE, Matthew H.; GUTKNECHT, Olivier D.R.; HAGEDORN, Joseph A.; JUREWITZ, Michael T.; LEMAY, Stephen O.; WELLS, Nicole M.; WESTERMAN, Wayne C.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2017324072  
**(21)** 2017324072 **(22)** 20.07.2017  
**(54)** Devices, methods, and graphical user interfaces for wireless pairing with peripheral devices and displaying status information concerning the peripheral devices  
**(51)** Int. Cl.  
**H04M 1/60** ( 2006.01 )  
**G06F 3/0484** ( 2013.01 )  
**(87)** WO2018/048510  
**(31)** 15/271,114 **(32)** 20.09.16 **(33)** US  
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**(72)** Behzadi, Arian; Stack, Caelan G.; Chaudhri, Imran; Coffman, Patrick L.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2017330209  
**(21)** 2017330209 **(22)** 31.08.2017  
**(54)** Intelligent automated assistant  
**(51)** Int. Cl.  
**G10L 15/00** ( 2006.01 )  
**(87)** WO2018/057269  
**(31)** 62/399,232 **(32)** 23.09.16 **(33)** US  
 PA 2017 70641 28.08.17 DK  
 15/385,606 20.12.16 US  
**(43)** 29.03.2018  
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**(72)** Saddler, Harry J.; Piercy, Aimee T.; Weinberg, Garrett L.; Booker, Susan L.  
**(74)** FPA Patent Attorneys Pty Ltd

**Aravamudan, M. see Venkataraman, S.**  
**(21)** 2013292377

**(71)** Arla Foods AMBA  
**(11)** AU-B-2014286123  
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(54) Mammalian milk osteopontin for enhancing immune responsiveness  
 (51) Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
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 (31) 13175267.7 (32) 05.07.13 (33) EP  
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 (43) 08.01.2015  
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 (74) Shelston IP Pty Ltd.

(71) Array BioPharma Inc.  
 (11) AU-B-2017272232  
 (21) 2017272232 (22) 06.12.2017  
 (54) TREATMENT OF BRAIN CANCER  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
 (43) 04.01.2018  
 (44) 28.02.2019  
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 (72) Lee, Patrice A.; Winski, Shannon L.; Koch, Kevin  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Asahi Breweries, Ltd.  
 (11) AU-B-2015286425  
 (21) 2015286425 (22) 15.05.2015  
 (54) Beer-like beverage  
 (51) Int. Cl.  
**C12G 3/04** ( 2006.01 )  
**C12G 3/02** ( 2006.01 )  
**C12C 5/02** ( 2006.01 )  
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 (74) Griffith Hack

(71) Automated Packaging Systems, Inc.  
 (11) AU-B-2014352854  
 (21) 2014352854 (22) 21.11.2014  
 (54) Air cushion inflation machine  
 (51) Int. Cl.  
**B31D 5/00** ( 2006.01 )  
**B29C 65/30** ( 2006.01 )  
**B65D 85/30** ( 2006.01 )  
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 (43) 28.05.2015  
 (44) 28.02.2019  
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(71) BAE Systems Plc  
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 (21) 2015250619 (22) 21.04.2015

(54) Aircraft airframe assembly  
 (51) Int. Cl.  
**G05B 19/4099** ( 2006.01 )  
**B64F 5/00** ( 2006.01 )  
 (87) WO2015/162413  
 (31) 1500973.1 (32) 21.01.15 (33) GB  
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 (72) Bickerstaff, John  
 (74) Shelston IP Pty Ltd.

(71) Baker Hughes, a GE company, LLC  
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 (21) 2016226603 (22) 01.02.2016  
 (54) Downhole closed-loop magnetostrictive sensing element for downhole applications  
 (51) Int. Cl.  
**E21B 47/00** ( 2006.01 )  
**G01V 3/18** ( 2006.01 )  
**G01V 3/26** ( 2006.01 )  
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 (43) 09.09.2016  
 (44) 28.02.2019  
 (72) Teale, David; Akinyode, Akinjide; Freeman, Joe  
 (74) FPA Patent Attorneys Pty Ltd

(71) Ball Corporation  
 (11) AU-B-2018200985  
 (21) 2018200985 (22) 09.02.2018  
 (54) PUNCH SURFACE TEXTURING FOR USE IN THE MANUFACTURING OF METALLIC CONTAINERS  
 (51) Int. Cl.  
**B21D 22/28** ( 2006.01 )  
**B21D 22/30** ( 2006.01 )  
**B21D 28/34** ( 2006.01 )  
 (43) 01.03.2018  
 (44) 28.02.2019  
 (62) 2016287743  
 (72) Sines, James A.  
 (74) Madderns Pty Ltd

Barve, R. see Venkataraman, S.  
 (21) 2013292377

(71) BASF SE  
 (11) AU-B-2015222179  
 (21) 2015222179 (22) 25.02.2015  
 (54) Azoline compounds  
 (51) Int. Cl.  
**C07D 409/12** ( 2006.01 )  
**A01N 43/36** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**C07D 207/22** ( 2006.01 )  
**C07D 263/16** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
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 (44) 28.02.2019  
 (72) Bindshadler, Pascal; Von Deyn, Wolfgang  
 (74) Watermark Intellectual Property Pty Ltd

(71) BASF SE  
 (11) AU-B-2015270428  
 (21) 2015270428 (22) 05.06.2015  
 (54) Substituted [1,2,4]triazole compounds  
 (51) Int. Cl.  
**C07D 249/08** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
 (87) WO2015/185708  
 (31) 14171468.3 (32) 06.06.14 (33) EP  
 (43) 10.12.2015  
 (44) 28.02.2019  
 (72) Grammenos, Wassilios; Boudet, Nadege; Mueller, Bernd; Escibano Cuesta, Ana; Lohmann, Jan Klaas; Grote, Thomas; Craig, Ian Robert; Fehr, Marcus; Quintero Palomar, Maria Angelica; Lauterwasser, Erica May Wilson; Kretschmer, Manuel  
 (74) Watermark Intellectual Property Pty Ltd

(71) BASF SE  
 (11) AU-B-2015317195  
 (21) 2015317195 (22) 06.08.2015  
 (54) An agrochemical suspension concentrate comprising an alkoxyated alcohol dissolved in the aqueous phase  
 (51) Int. Cl.  
**A01P 13/00** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 43/42** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**A01N 43/70** ( 2006.01 )  
**C08G 65/26** ( 2006.01 )  
 (87) WO2016/041693  
 (31) 14184945.5 (32) 16.09.14 (33) EP  
 (43) 24.03.2016  
 (44) 28.02.2019  
 (72) Kolb, Klaus; Marxer, Katja; Simon, Anja; Berghaus, Rainer  
 (74) Watermark Intellectual Property Pty Ltd

(71) Battelle UK Limited; Mitsui Agriscience International S.A./N.V.  
 (11) AU-B-2017281579  
 (21) 2017281579 (22) 21.06.2017  
 (54) Liquid sulfonyleurea- and Li-salt containing herbicidal compositions  
 (51) Int. Cl.  
**A01N 25/22** ( 2006.01 )  
**A01N 47/30** ( 2006.01 )  
**A01N 47/34** ( 2006.01 )  
**A01N 47/36** ( 2006.01 )  
 (87) WO2017/220680  
 (31) 17156451.1 (32) 16.02.17 (33) EP  
 16175549.1 21.06.16 EP  
 (43) 28.12.2017  
 (44) 28.02.2019  
 (72) Goldsmith, Andrew; Groome, John  
 (74) Spruson & Ferguson

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**Baxter Healthcare SA see Baxter International Inc.**  
**(21)** 2018229421

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**(71)** Baxter International Inc.; Baxter Healthcare SA  
**(11)** AU-B-2018229421  
**(21)** 2018229421 **(22)** 11.09.2018  
**(54)** SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT  
**(51)** Int. Cl.  
*A61M 1/16* ( 2006.01 )  
*A61L 2/00* ( 2006.01 )  
*A61L 2/10* ( 2006.01 )  
*A61M 1/28* ( 2006.01 )  
**(43)** 27.09.2018  
**(44)** 28.02.2019  
**(62)** 2017251871  
**(72)** Minkus, Marc S.  
**(74)** Peter Maxwell & Associates

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**(71)** Bayer Healthcare, LLC.  
**(11)** AU-B-2014259848  
**(21)** 2014259848 **(22)** 01.05.2014  
**(54)** Attachment device for medical fluid container  
**(51)** Int. Cl.  
*A61M 5/32* ( 2006.01 )  
**(87)** WO2014/179525  
**(31)** 61/818,084 **(32)** 01.05.13 **(33)** US  
 61/914,612 11.12.13 US  
**(43)** 06.11.2014  
**(44)** 28.02.2019  
**(72)** Schriver, Ralph H.; Dedig, James A.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Becher STP; Innovation for Shelter International  
**(11)** AU-B-2014351697  
**(21)** 2014351697 **(22)** 18.11.2014  
**(54)** Foldable modular structure for a fast-erecting tent or similar shelter  
**(51)** Int. Cl.  
*E04H 15/46* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
**(87)** WO2015/075367  
**(31)** 1361475 **(32)** 21.11.13 **(33)** FR  
**(43)** 28.05.2015  
**(44)** 28.02.2019  
**(72)** Becher, Benoit; Gherardini, Régis; Meyer, Olivier; Ewoldt, Christophe; Woh, Rémy; Streiff, Thierry  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
**(11)** AU-B-2017332958  
**(21)** 2017332958 **(22)** 28.06.2017  
**(54)** Drive control apparatus and method for yaw motor of wind turbine  
**(51)** Int. Cl.  
*H02H 7/085* ( 2006.01 )  
**(31)** 201611140888.4 **(32)** 12.12.16 **(33)** CN  
**(43)** 28.06.2018

**(44)** 28.02.2019  
**(72)** Jiang, Yongqiang  
**(74)** Madderns Pty Ltd

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**(71)** BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz  
**(11)** AU-B-2018201252  
**(21)** 2018201252 **(22)** 21.02.2018  
**(54)** Antigen-specific T cell receptors and T cell epitopes  
**(51)** Int. Cl.  
*C07K 14/045* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
**(43)** 15.03.2018  
**(44)** 28.02.2019  
**(62)** 2016206329  
**(72)** Sahin, Ugur; Türeci, Özlem; Omokoko, Tana; Simon, Petra  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** BLUESCOPE STEEL LIMITED  
**(11)** AU-B-2017201257  
**(21)** 2017201257 **(22)** 24.02.2017  
**(54)** STUD FRAME  
**(51)** Int. Cl.  
*E04B 2/18* ( 2006.01 )  
*E04B 2/60* ( 2006.01 )  
**(43)** 16.03.2017  
**(44)** 28.02.2019  
**(62)** 2015202726  
**(72)** Humphrey, David  
**(74)** Griffith Hack

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**(71)** Board of Regents, The University of Texas System  
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**F41G 1/16** ( 2006.01 )  
**F41G 1/38** ( 2006.01 )  
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**(74)** Cotters Patent & Trade Mark Attorneys

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**H01M 4/485** ( 2010.01 )  
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**(51)** Int. Cl.  
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**C09B 23/02** ( 2006.01 )  
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cooling system  
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**F25D 17/00** ( 2006.01 )  
**F28D 15/00** ( 2006.01 )  
**G06F 1/20** ( 2006.01 )  
**H01L 23/34** ( 2006.01 )  
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**A61K 9/14** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/192** ( 2006.01 )  
**A61K 47/14** ( 2006.01 )  
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de Cuyo**  
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Ltd. see Changzhou Fangyuan Pharma-  
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pounds, the preparation and uses  
thereof  
(51) Int. Cl.  
**C08F 8/14** ( 2006.01 )  
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**Innovation for Shelter International see**

**Becher STP**

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**Institut National de la Sante et de la Recherche Medicale (INSERM) see Centre National de la Recherche Scientifique (CNRS)**

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Sumanta

(74) Davies Collison Cave Pty Ltd

(71) Invacare Corporation

(11) AU-B-2017261589

(21) 2017261589 (22) 16.11.2017

(54) METHOD AND APPARATUS FOR  
SETTING OR MODIFYING PRO-  
GRAMMABLE PARAMETERS IN  
POWER DRIVEN WHEELCHAIR

(51) Int. Cl.

A61G 5/04 (2006.01)

G05B 23/02 (2006.01)

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(44) 28.02.2019

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(54) Conjugated antisense compounds and  
their use

(51) Int. Cl.

C07H 21/00 (2006.01)

A61K 38/00 (2006.01)

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A61K 45/06 (2006.01)

A61P 25/00 (2006.01)

A61P 25/02 (2006.01)

A61P 25/18 (2006.01)

A61P 25/24 (2006.01)

A61P 25/28 (2006.01)

C07C 57/03 (2006.01)

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A61P 15/00 (2006.01)

A61P 25/00 (2006.01)

C07D 403/04 (2006.01)

C07D 417/14 (2006.01)

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C07D 213/73 (2006.01)

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F03D 80/50 (2016.01)

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**B01J 3/04** ( 2006.01 )  
**C04B 40/02** ( 2006.01 )  
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**F24S 90/00** ( 2018.01 )  
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**G06K 9/36** ( 2006.01 )  
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*A61P 1/00* ( 2006.01 )  
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 method for manufacturing low-alloy  
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 metal substrate on a rolling mill  
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 Natasha; Geho, Jeffrey Edward  
 (74) Davies Collison Cave Pty Ltd

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**(71)** NOWWWW.US Pty Ltd  
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**(54)** A METHOD FOR DISGUIISING A COM-  
 PUTER SYSTEM'S LOGIN INTER-  
 FACE  
**(51)** Int. Cl.  
**G06F 21/36** ( 2013.01 )  
**H04L 9/32** ( 2006.01 )  
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**(44)** 28.02.2019  
**(72)** Anson, Mark Rodney  
**(74)** Lance Arthur Roman-Miller

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 performing, and assessing spinal cor-  
 rection during surgery  
**(51)** Int. Cl.  
**A61B 5/103** ( 2006.01 )  
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 White, Shannon; Pothier, Albert; Ger-  
 man, Robert; Finley, Eric; Gharib,  
 James E.; Peterson, Mark  
**(74)** Phillips Ormonde Fitzpatrick

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**(51)** Int. Cl.  
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**B65D 83/04** ( 2006.01 )  
**G07F 17/10** ( 2006.01 )  
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**(44)** 28.02.2019  
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 Robert J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Omniome, Inc.  
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 sequencing-by-binding efficiency

**(51)** Int. Cl.  
**C12Q 1/6832** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
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**(31)** 15/712,632 **(32)** 22.09.17 **(33)** US  
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**(43)** 01.11.2018  
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**(74)** Pizzseys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** OpenTV, Inc.  
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**(21)** 2014318962 **(22)** 09.09.2014  
**(54)** System and method of displaying con-  
 tent and related social media data  
**(51)** Int. Cl.  
**H04N 21/00** ( 2011.01 )  
**(87)** WO2015/038516  
**(31)** 61/876,199 **(32)** 10.09.13 **(33)** US  
 14/260,677 24.04.14 US  
 61/876,188 10.09.13 US  
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**(44)** 28.02.2019  
**(72)** Chai, Crx; Fishman, Alex; Chellin, Isaac  
**(74)** Dark IP

**(71)** Oracle International Corporation  
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**(21)** 2014212377 **(22)** 30.01.2014  
**(54)** Optical pickup assembly having optical  
 pickup units laterally arranged across a  
 tape path  
**(51)** Int. Cl.  
**G11B 7/003** ( 2006.01 )  
**G11B 7/14** ( 2006.01 )  
**(87)** WO2014/120859  
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**(43)** 07.08.2014  
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**(72)** Wilson, Scott; Underkofler, Daniel;  
 Suttle, Steve  
**(74)** Pizzseys Patent and Trade Mark Attor-  
 neys Pty Ltd

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 tion see Jubilant Draximage Inc.**  
**(21)** 2017213596

**(71)** Otto Bock Healthcare Products GmbH  
**(11)** AU-B-2014261789  
**(21)** 2014261789 **(22)** 29.04.2014  
**(54)** Artificial finger  
**(51)** Int. Cl.  
**A61F 2/58** ( 2006.01 )  
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**(31)** 10 2013 007 539.4 **(32)** 03.05.13 **(33)** DE  
**(43)** 06.11.2014  
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 Skiera, Richard; Van Vliet, Johannes

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**(74)** Spruson & Ferguson

**(71)** Outotec (Finland) Oy  
**(11)** AU-B-2015341667  
**(21)** 2015341667 **(22)** 04.11.2015  
**(54)** Hydrofoil impeller  
**(51)** Int. Cl.  
**F04D 29/18** ( 2006.01 )  
**B01F 7/16** ( 2006.01 )  
**F04D 29/20** ( 2006.01 )  
**F04D 29/64** ( 2006.01 )  
**(87)** WO2016/071567  
**(31)** 20145971 **(32)** 06.11.14 **(33)** FI  
**(43)** 12.05.2016  
**(44)** 28.02.2019  
**(72)** Strommer, Ville; Lehtonen, Markus  
**(74)** Griffith Hack

**(71)** Oventus Medical Limited  
**(11)** AU-B-2017228641  
**(21)** 2017228641 **(22)** 14.09.2017  
**(54)** Breathing assist device  
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**C08L 101/00** ( 2006.01 )  
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**A61L 27/28** ( 2006.01 )  
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**A47J 19/02** ( 2006.01 )  
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**D06F 75/40** ( 2006.01 )  
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**H02H 7/08** ( 2006.01 )  
**H02P 3/04** ( 2006.01 )  
**H02P 27/16** ( 2006.01 )  
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**B32B 3/02** ( 2006.01 )  
**E04F 15/02** ( 2006.01 )  
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**A61B 17/04** ( 2006.01 )  
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**C02F 1/28** ( 2006.01 )

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 (72) Tanoury, Gerald J.; Nugent, William Aloysius; Dvornikovs, Vadims; Rose, Peter Jamison  
 (74) Spruson & Ferguson

**Veveo, Inc. see Venkataraman, S.**  
 (21) 2013292377

(71) ViaSat, Inc.  
 (11) AU-B-2019200693  
 (21) 2019200693 (22) 01.02.2019  
 (54) ACCESS NODE FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM  
 (51) Int. Cl.  
**H04B 7/185** ( 2006.01 )  
**H04B 7/204** ( 2006.01 )  
 (43) 21.02.2019  
 (44) 28.02.2019  
 (62) 2016283501  
 (72) Miller, Mark; Buer, Kenneth; Cronin, Christopher  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-B-2019200699  
 (21) 2019200699 (22) 01.02.2019  
 (54) ACCESS NODE FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM  
 (51) Int. Cl.  
**H04B 7/185** ( 2006.01 )  
**H04B 7/204** ( 2006.01 )  
 (43) 21.02.2019  
 (44) 28.02.2019  
 (62) 2016283501  
 (72) Miller, Mark; Buer, Kenneth; Cronin, Christopher  
 (74) Adams Pluck

(71) Victaulic Company  
 (11) AU-B-2017276326  
 (21) 2017276326 (22) 15.12.2017  
 (54) Fitting for joining pipe elements  
 (51) Int. Cl.  
**F16L 17/00** ( 2006.01 )  
 (43) 18.01.2018

(44) 28.02.2019  
 (62) 2016256714  
 (72) GIBB, John; DOLE, Douglas R.  
 (74) Spruson & Ferguson

**Virometix AG see Swiss Tropical and Public Health Institute**  
 (21) 2014359292

(71) Visa International Service Association  
 (11) AU-B-2018200611  
 (21) 2018200611 (22) 25.01.2018  
 (54) Image based key derivation function  
 (51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
 (43) 08.02.2018  
 (44) 28.02.2019  
 (62) 2014311784  
 (72) AISSI, Selim; KGIL, Taeho; GADDAM, Ajit  
 (74) Phillips Ormonde Fitzpatrick

(71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2017279659  
 (21) 2017279659 (22) 20.12.2017  
 (54) Anastomosis devices  
 (51) Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 17/11** ( 2006.01 )  
**A61F 2/06** ( 2006.01 )  
**A61F 2/07** ( 2013.01 )  
**A61F 2/90** ( 2006.01 )  
 (43) 18.01.2018  
 (44) 28.02.2019  
 (62) 2015252985  
 (72) TODD, Daniel H.; SAMBANDAM, Sakthi  
 (74) Griffith Hack

**Washington State University see Cancer Targeted Technology LLC**  
 (21) 2014228233

(71) Weatherford U.K. Limited  
 (11) AU-B-2017248571  
 (21) 2017248571 (22) 20.10.2017  
 (54) Improvements to swellable apparatus  
 (51) Int. Cl.  
**E21B 33/12** ( 2006.01 )  
 (43) 21.12.2017  
 (44) 28.02.2019  
 (62) 2015249161  
 (72) NUTLEY, Kim; NUTLEY, Brian  
 (74) Spruson & Ferguson

**Welling, G. see Venkataraman, S.**  
 (21) 2013292377

(71) X-CHEM, INC.  
 (11) AU-B-2017201146  
 (21) 2017201146 (22) 20.02.2017  
 (54) Methods for tagging DNA-encoded libraries  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

- C40B 50/16** ( 2006.01 )  
**C40B 50/14** ( 2006.01 )  
**(43)** 09.03.2017  
**(44)** 28.02.2019  
**(62)** 2012304387  
**(72)** KEEFE, Anthony D.; WAGNER, Richard W.; LITOVCHICK, Alexander; CLARK, Matthew; CUOZZO, John W.; HUPP, Christopher D.; CENTRELLA, Paolo A.; ZHANG, Ying  
**(74)** Griffith Hack
- 
- (71)** Xi'an Libang Pharmaceutical Co., Ltd  
**(11)** AU-B-2016207118  
**(21)** 2016207118 **(22)** 11.03.2016  
**(54)** Diphenyl derivative and uses thereof  
**(51)** Int. Cl.  
**C07C 39/15** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/192** ( 2006.01 )  
**A61K 31/222** ( 2006.01 )  
**A61K 31/223** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07C 65/105** ( 2006.01 )  
**C07C 69/16** ( 2006.01 )  
**C07C 69/40** ( 2006.01 )  
**C07C 229/08** ( 2006.01 )  
**(87)** WO2016/112875  
**(31)** 201510016733.9 **(32)** 13.01.15 **(33)** CN  
**(43)** 21.07.2016  
**(44)** 28.02.2019  
**(72)** Wang, Rutao; Chen, Tao; An, Long; Zhao, Yi; Wang, Weijiao; Guo, Shupan; Xiao, Sa; Pang, Jinghua; Hu, Huijing  
**(74)** Griffith Hack
- 
- (71)** Xylem IP Management S.a r.l.  
**(11)** AU-B-2015257349  
**(21)** 2015257349 **(22)** 28.04.2015  
**(54)** Guide rail assembly as well as guide rail holder  
**(51)** Int. Cl.  
**B66B 7/02** ( 2006.01 )  
**F16B 7/04** ( 2006.01 )  
**(87)** WO2015/170222  
**(31)** 1450540-8 **(32)** 07.05.14 **(33)** SE  
**(43)** 12.11.2015  
**(44)** 28.02.2019  
**(72)** Hallgren, Gert  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Yang, F.  
**(11)** AU-B-2016410260  
**(21)** 2016410260 **(22)** 07.11.2016  
**(54)** Energy storage structure  
**(51)** Int. Cl.  
**F15B 1/04** ( 2006.01 )  
**(31)** 201610905137.0 **(32)** 18.10.16 **(33)** CN  
**(43)** 10.05.2018  
**(44)** 28.02.2019  
**(72)** Yang, Fugang  
**(74)** Chrysiliou IP
- 
- (71)** Yoplait France  
**(11)** AU-B-2014409262  
**(21)** 2014409262 **(22)** 21.10.2014  
**(54)** Cavitated fermented dairy product
- 
- (51)** Int. Cl.  
**A23C 9/12** ( 2006.01 )  
**A23C 9/123** ( 2006.01 )  
**A23L 3/015** ( 2006.01 )  
**(87)** WO2016/063101  
**(43)** 28.04.2016  
**(44)** 28.02.2019  
**(72)** Mimouni, Arnaud; Romero, Javier  
**(74)** Spruson & Ferguson
- 
- (71)** Zambon S.p.A.  
**(11)** AU-B-2014273148  
**(21)** 2014273148 **(22)** 27.05.2014  
**(54)** Swallowable N-acetylcysteine tablets  
**(51)** Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**(87)** WO2014/191410  
**(31)** MI2013A 000874 **(32)** 29.05.13 **(33)** IT  
**(43)** 04.12.2014  
**(44)** 28.02.2019  
**(72)** De Lazzari, Alessandra; Moretto, Alberto  
**(74)** Griffith Hack
- 
- (71)** Zenith Epigenetics Ltd.  
**(11)** AU-B-2014284616  
**(21)** 2014284616 **(22)** 20.06.2014  
**(54)** Novel bicyclic bromodomain inhibitors  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61K 31/538** ( 2006.01 )  
**(87)** WO2015/002754  
**(31)** 61/837,841 **(32)** 21.06.13 **(33)** US  
**(43)** 08.01.2015  
**(44)** 28.02.2019  
**(72)** Quinn, John Frederick; Wang, Ruifang; Jiang, May Xiaowu; Martin, Gregory Scott; Wagner, Gregory Steven; Young, Peter Ronald; Duffy, Bryan Cordell; Liu, Shuang  
**(74)** Spruson & Ferguson
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- (71)** Zhuhai Wango Chemical Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Tianjin Kingfa New Material Co.,Ltd.  
**(11)** AU-B-2016385771  
**(21)** 2016385771 **(22)** 15.12.2016  
**(54)** PBAT resin composition  
**(51)** Int. Cl.  
**C08L 67/02** ( 2006.01 )  
**C08G 63/183** ( 2006.01 )  
**C08K 3/08** ( 2006.01 )  
**(87)** WO2017/121223  
**(31)** 201610018916.9 **(32)** 11.01.16 **(33)** CN  
**(43)** 20.07.2017  
**(44)** 28.02.2019  
**(72)** Zhao, Wei; Yuan, Renxu; Tang, Meijun; Jiao, Jian; Xiong, Kai; Zhong, Yuke; Yang, Hui; Mai, Kaijin; Guo, Zhilong; Dong, Xueting; Zeng, Xiangbin  
**(74)** Spruson & Ferguson
- 
- (71)** ZS Pharma, Inc.  
**(11)** AU-B-2014248081  
**(21)** 2014248081 **(22)** 03.04.2014  
**(54)** Microporous zirconium silicate and diuretics for the reduction of potassium and treatment of chronic kidney and/or chronic heart disease  
**(51)** Int. Cl.  
**A61K 33/24** ( 2006.01 )  
**(87)** WO2014/165670  
**(31)** 61/930,331 **(32)** 22.01.14 **(33)** US  
 61/808,897 05.04.13 US  
 61/914,362 10.12.13 US  
**(43)** 09.10.2014  
**(44)** 28.02.2019  
**(72)** Keyser, Donald Jeffrey; Guillem, Alvaro F.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** ZTE Corporation  
**(11)** AU-B-2014261928  
**(21)** 2014261928 **(22)** 22.05.2014  
**(54)** Interference processing method, device, network control unit and terminal  
**(51)** Int. Cl.  
**H04W 72/08** ( 2009.01 )  
**(87)** WO2014/177094  
**(31)** 201310733202.2 **(32)** 26.12.13 **(33)** CN  
**(43)** 06.11.2014  
**(44)** 28.02.2019  
**(72)** Gong, Yuhong; Sun, Yunfeng; Wang, Yuxin; Wu, Huaming  
**(74)** Davies Collison Cave Pty Ltd

Numerical Index

2013263734	Good Times Co. Pty Ltd	2014343377	1934612 Ontario Inc.
2013266244	E. I. du Pont de Nemours and Company	2014344218	SEW-EURODRIVE GmbH & Co. KG
2013292377	Venkataraman, S.; Welling, G.; Aravamudan, M.; Barve, R.; Veveo, Inc.	2014348566	Five3 Genomics, LLC
2013311668	Novozymes A/S	2014348570	Genentech, Inc.; F. Hoffmann-La Roche AG
2013341091	Sandstone Diagnostics, Inc.	2014348752	Vertex Pharmaceuticals Incorporated
2013354357	Nestec S.A.	2014351697	Becher STP; Innovation for Shelter International
2013360024	Mesoblast, Inc.	2014352854	Automated Packaging Systems, Inc.
2013366723	Nestec S.A.	2014354728	Suzhou Pengxu Pharmatech Co., Ltd.; Crystal Pharmatech Co., Ltd.
2013379177	Sony Interactive Entertainment Inc.	2014356583	F. Hoffmann-La Roche AG
2013381856	Cormatrix Cardiovascular, Inc.	2014359292	Swiss Tropical and Public Health Institute; Virometix AG; Universitat Basel; Universitat Zurich
2013390806	MIMedx Group, Inc.	2014359786	Linde Aktiengesellschaft
2013408947	LG Electronics Inc.	2014366500	Novartis AG
2014201273	Depuy Ireland Unlimited Company	2014366927	Brita LP
2014201568	Palantir Technologies, Inc.	2014369046	DSM IP Assets B.V.
2014202021	4D Pharma Research Limited	2014370088	Cilag GmbH International
2014212377	Oracle International Corporation	2014370523	Goodman Fielder New Zealand Limited
2014221602	Samsung Electronics Co., Ltd.	2014372315	Johnson Matthey Public Limited Company
2014227862	Ironwood Pharmaceuticals, Inc.	2014375111	Tech 21 Licensing Limited
2014228128	Sheilds, J.; Hussain, S.; Novasurg Innovations, LLC	2014381692	Facebook, Inc.
2014228233	Cancer Targeted Technology LLC; Washington State University	2014383576	Philip Morris Products S.A.
2014228772	Memorial Sloan Kettering Cancer Center	2014383643	ANT Applied New Technologies AG
2014229628	Fuglister, F.	2014393037	Matoke Holdings Limited
2014231667	Nortek Air Solutions Canada, Inc.	2014407275	Sewoncellontech Co., Ltd.
2014233528	AbbVie Biotherapeutics Inc.	2014409262	Yoplait France
2014233685	Genzyme Corporation	2015200234	Joy Global Surface Mining Inc
2014234229	C7 SUGAR GMBH	2015200422	ContiTech USA, Inc.
2014237027	MJN U.S. Holdings LLC	2015200450	Gruppo Cimbali S.p.A.
2014237047	PATCO, LLC	2015201056	The Boeing Company
2014237590	Google LLC	2015201200	SEB S.A.
2014240255	AMERICAN GREETINGS CORPORATION	2015204118	Koninklijke Douwe Egberts B.V.
2014244426	Convergence LLC	2015205892	Delta Electronics (Thailand) Public Co., Ltd
2014248081	ZS Pharma, Inc.	2015207769	Acergy France SAS
2014250761	Deans, R.; Lafrancesca, S.; Ting, A.	2015211194	Omnicell, Inc.
2014257044	Facebook, Inc.	2015213448	Ensign Drilling Inc.
2014259750	Ionis Pharmaceuticals, Inc.	2015222179	BASF SE
2014259848	Bayer Healthcare, LLC.	2015222303	F. Hoffmann-La Roche Ag
2014261336	Novo Nordisk A/S	2015230394	Fluhs Drehtechnik GmbH
2014261789	Otto Bock Healthcare Products GmbH	2015233336	Centre National de la Recherche Scientifique (CNRS); Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Paris Est Creteil Val de Marne
2014261928	ZTE Corporation	2015238523	Anheuser-Busch Inbev SA
2014265097	JOHNSON & JOHNSON VISION CARE, INC.	2015240385	Klox Technologies Inc.
2014265098	The Boeing Company	2015241096	Cristal USA Inc.
2014270078	Q-Bot Limited	2015243562	Lokon Pharma AB
2014273148	Zambon S.p.A.	2015245229	Universidad Nacional de Cuyo; Consejo Nacional de Investigaciones Cientificas y Tecnicas (Conicet); Inis Biotech LLC
2014274215	Kaohsiung Medical University; DCB-USA LLC	2015245940	NOJA Power Switchgear Pty Ltd
2014275571	Butler Concepts Limited	2015245963	Bonus Therapeutics Ltd.
2014280045	Cardiatis S.A.	2015246185	Koninklijke Philips N.V.
2014284256	Liu, K.	2015246665	Eber Dynamics AB
2014284616	Zenith Epigenetics Ltd.	2015247075	Toray Industries, Inc.
2014286123	Arla Foods AMBA	2015247562	Bostik, Inc.
2014286268	CSL Behring AG	2015247794	CommScope Technologies LLC
2014298464	Conceptomed AS	2015250619	BAE Systems Plc
2014300923	Universitat Zurich	2015250959	Flechsigt Patent Company LLC
2014312159	Board of Regents, The University of Texas System	2015252068	The Boeing Company
2014315371	Covidien LP	2015255935	The Climate Corporation
2014316030	Taiho Pharmaceutical Co., Ltd.	2015257349	Xylem IP Management S.a r.l.
2014316897	SEB S.A.	2015257477	Illumina Cambridge Limited
2014317254	Getinge La Calhene	2015258405	Cockerill Maintenance & Ingenierie S.A.
2014318748	Duquesne University of the Holy Ghost; The Administrators of the Tulane Educational Fund	2015260837	Alfasigma S.p.A
2014318962	OpenTV, Inc.	2015261392	Solvay SA
2014321482	Ineos Bio SA	2015261959	Nestec S.A.
2014323044	Philip Morris Products S.A.	2015263326	Philip Morris Products S.A.
2014334662	NantEnergy, Inc.		
2014337102	The General Hospital Corporation		
2014339699	Peck Tech Consulting Ltd.		
2014343324	Koninklijke Philips N.V.		

Applications Accepted - Numerical Index cont'd

2015265649	Reckitt Benckiser (Brands) Limited	2016277997	Dyson Technology Limited
2015265951	Eurotab	2016285815	The Gillette Company LLC
2015270428	BASF SE	2016298223	Stackcan LLC
2015270529	Compagnie Industrielle de la Matiere Vegetale - CIMV	2016300773	Huawei Technologies Co., Ltd.
2015271355	Elmer, K.	2016302748	Eli Lilly and Company
2015274433	Fina Technology, Inc.	2016305184	Siemens Aktiengesellschaft
2015274545	SpecGx LLC	2016306610	InFirst Healthcare Limited
2015277134	NuVasive, Inc.	2016308337	Mayo Foundation for Medical Education and Research
2015279002	Colas	2016309565	Northrop Grumman LITEF GmbH
2015279057	Novozymes A/S; DSM IP Assets B.V.	2016316777	Swirls, Inc.
2015280664	Key Technology, Inc.	2016317800	LG Electronics Inc.
2015281128	Kumiai Chemical Industry Co., Ltd.	2016320645	Seven Life Sciences Limited
2015283779	Marotech Inc.	2016320888	PPG Industries Ohio, Inc.
2015286425	Asahi Breweries, Ltd.	2016325752	Daikin Industries, Ltd.; Nagoya Institute of Technology
2015287658	Scholle IPN Corporation	2016331484	Apple Inc.
2015287663	SpecGx LLC	2016333118	Toyo Seikan Group Holdings, Ltd.; Toyo Seikan Co., Ltd.
2015289119	Magotteaux International S.A.	2016335471	Hedman Ericsson Patent AB
2015302271	Mezzion Pharma Co., Ltd.; Children's Hospital of Philadelphia	2016335689	Scott Technologies, Inc.
2015305289	Martin Engineering Company	2016340472	Fujifilm Corporation
2015308508	Abu Al-Rubb, K.	2016340518	Fujifilm Corporation
2015311663	Aira Tech Corporation	2016341213	MED-EL Elektromedizinische Geraete GmbH
2015314778	Usalco LLC	2016344018	Io Therapeutics, Inc.
2015317195	BASF SE	2016348590	Unilever PLC
2015321606	Qualcomm Incorporated	2016349500	Colgate-Palmolive Company
2015321951	Qualcomm Incorporated	2016354728	NavifUS Co., Ltd.
2015341237	Guangzhou Xaircraft Technology Co., Ltd.	2016366624	Dyson Technology Limited
2015341667	Outotec (Finland) Oy	2016367170	Ecolab USA Inc.
2015346525	Ab Initio Technology LLC	2016369273	Google LLC
2015349306	Changzhou Fangyuan Pharmaceutical Co., Ltd; Inner Mongolia Puyin Pharmaceutical Co., Ltd.	2016371440	Lexmark International, Inc.
2015357292	Innoup Farma, S.L.	2016372153	Mitsui Chemicals Agro, Inc.
2015361224	Corning Incorporated	2016375175	Safran Electronics & Defense; B-Temia Inc.
2015361346	NIPPON STEEL & SUMITOMO METAL CORPORATION	2016378656	Safran Electronics & Defense; B-Temia Inc.
2015362737	Qualcomm Incorporated	2016381362	Dexcom, Inc.
2015380500	Halliburton Energy Services, Inc.	2016381936	Rotation Medical, Inc.
2015385182	Alfred Kärcher GmbH & Co. KG	2016385261	LG Electronics Inc.
2015390435	FMC Separation Systems, BV	2016385771	Zhuhai Wango Chemical Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Tianjin Kingfa New Material Co., Ltd.
2015391988	Halliburton Energy Services, Inc.	2016392399	Elekta Ltd.
2015392073	Halliburton Energy Services, Inc.	2016401398	China University of Mining and Technology
2015394339	Halliburton Energy Services, Inc.	2016410260	Yang, F.
2015396177	Company Limited "NextGen"	2016411666	EKT LLC
2015401538	Razer (Asia-Pacific) Pte. Ltd.	2017200199	Genmab A/S
2015409171	Colgate-Palmolive Company	2017200228	Levitt, R.
2015409938	Swiss Reinsurance Company Ltd.	2017201079	Apple Inc.
2016206286	NOWWWW.US Pty Ltd	2017201146	X-CHEM, INC.
2016207118	Xi'an Libang Pharmaceutical Co., Ltd	2017201155	RedFlow R&D Pty Ltd
2016218958	Julius Blum GmbH	2017201241	Covidien LP
2016220515	Exxonmobil Upstream Research Company	2017201257	BLUESCOPE STEEL LIMITED
2016220685	CJ Cheiljedang Corporation	2017201593	Philip Morris Products S.A.
2016222271	Matthews, J.	2017202135	Gobblers Inc. Pty Ltd
2016223213	Coiled Tubing Specialties, LLC	2017202493	SomaLogic, Inc.
2016226603	Baker Hughes, a GE company, LLC	2017202585	Inertech IP LLC
2016235073	K-Line Industries, Inc.	2017203076	GE Global Sourcing LLC
2016235288	Illumina, Inc.; Illumina Cambridge Limited	2017203347	Nordic Minesteel Technologies Inc.
2016243322	3M Innovative Properties Company	2017203512	Merck & Cie
2016243997	H.B. Fuller Company	2017203544	Intuit Inc.
2016244073	ELC Management LLC	2017203725	Cancer Research Technology Limited
2016247193	Bombardier Transportation GmbH	2017203986	Carna Biosciences, Inc
2016247565	Evafor One Pty Ltd	2017204202	Kolon TissueGene, Inc.
2016247631	Qualcomm Incorporated	2017204514	Lockheed Martin Corporation
2016252002	Motorola Solutions, Inc.	2017206211	Hospira Inc.
2016261088	Thomson Reuters Global Resources Unlimited Company	2017206230	Noble House Group Pty Ltd
2016263161	Dermavant Sciences GmbH	2017206231	Universität Zürich Prorektorat MNW
2016266871	Neste Corporation	2017208269	Domtar Paper Company, LLC
2016268143	Engelbrecht, F.; Stahl, R.; Crosby, M.	2017208408	GlaxoSmithKline Consumer Healthcare GmbH & Co. KG
2016269534	EA BROEKEMA BV	2017210641	Sage Science, Inc.
2016269785	Illumina Cambridge Limited	2017210650	LAA Industries Pty Ltd
2016273956	Stichting I-F Product Collaboration	2017213486	Qualcomm Incorporated
2016277543	Unistrut International Corporation	2017213500	Janssen Pharmaceutica NV

## Applications Accepted - Numerical Index cont'd

2017213596	Jubilant Draximage Inc.; Ottawa Heart Institute Research Corporation
2017216559	UVLrx Therapeutics Inc.
2017225086	Amazon Technologies, Inc.
2017225124	Factor Bioscience Inc.
2017228622	Merial, Inc
2017228641	Oventus Medical Limited
2017232191	Medizinische Universität Wien; Universitätsklinikum Freiburg
2017239543	President and Fellows of Harvard College
2017239579	22nd Century Limited, LLC
2017239623	Shaw Industries Group, Inc.
2017244887	The Yokohama Rubber Co., Ltd.
2017245287	Colt Canada IP Holding Partnership
2017245354	Dyson Technology Limited
2017248405	Tönnjes ISI Patent Holding GmbH
2017248571	Weatherford U.K. Limited
2017254855	Philip Morris Products S.A.
2017254896	Google LLC
2017254916	Adverio Pharma GmbH
2017261589	Invacare Corporation
2017268501	British American Tobacco (Investments) Limited
2017268680	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2017272232	Array BioPharma Inc.
2017272318	Samsung Electronics Co., Ltd.
2017276326	Victaulic Company
2017279659	W. L. Gore & Associates, Inc.
2017281579	Battelle UK Limited; Mitsui Agriscience International S.A./N.V.
2017290647	3M Innovative Properties Company
2017301354	Key Technology, Inc.
2017317772	Jiangsu Goldwind Science & Technology Co., Ltd.
2017324072	Apple Inc.
2017330209	Apple Inc.
2017332958	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017335761	Novelis Inc.
2018200075	AMSTED Rail Company, Inc.
2018200611	Visa International Service Association
2018200985	Ball Corporation
2018201252	BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz
2018201428	Illumina, Inc.
2018202410	Alkermes Pharma Ireland Limited
2018202517	Toyota Jidosha Kabushiki Kaisha
2018229421	Baxter International Inc.; Baxter Healthcare SA
2018232988	Creaturo, M.
2018250398	Samson Clinical Pty Ltd
2018258190	Omniome, Inc.
2018288242	Rancilio Group S.p.A.
2019200693	ViaSat, Inc.
2019200699	ViaSat, Inc.

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2015255935	2015250959	2016243322	2016411666 2017261589	2013390806 2014237027 2014259750	<b><u>A61L 15 /-</u></b>
<b><u>A01D 17 /-</u></b>	<b><u>A22C 21 /-</u></b>	<b><u>A47J 19 /-</u></b>	<b><u>A61H 3 /-</u></b>	2014261336 2014286123 2016354728 2017206231 2017232191	2014393037 2016243997 2017239543
2015200422	2017202135	2014316897	2016411666		
<b><u>A01D 45 /-</u></b>	<b><u>A23B 7 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61J 7 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>A61L 2 /-</u></b>
2016269534	2014393037	2013366723 2015200450 2015204118 2018288242	2015211194	2014228772 2014233528 2014233685 2014259750 2014274215 2014316030 2014359292 2016308337 2016340472 2017206231 2017272232 2018201252	2015250959 2018229421
<b><u>A01G 25 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61K 31 /-</u></b>		<b><u>A61L 27 /-</u></b>
2015308508	2014370523 2014409262	2013366723	2013390806 2014202021 2014227862 2014234229 2014237027 2014244426 2014273148 2014284616 2014316030 2014318748 2014323044 2014337102 2014348570 2014354728 2014356583 2015222303 2015233336 2015245963 2015260837 2015302271 2015349306 2016207118 2016302748 2016306610 2016308337 2016320645 2016344018 2017200228 2017201593 2017203725 2017203986 2017206211 2017213500 2017228622 2017254855 2017254916 2017272232 2018202410 2018250398	2014228772 2014233528 2014233685 2014259750 2014274215 2014316030 2014359292 2016308337 2016340472 2017206231 2017272232 2018201252	2014300923 2014407275 2015240385 2015245963 2017239543
<b><u>A01G 9 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61K 41 /-</u></b>	<b><u>A61L 33 /-</u></b>
2015308508	2015279057	2017245354	2014315371	2015240385	2017239543
<b><u>A01J 11 /-</u></b>	<b><u>A23L 17 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61K 45 /-</u></b>	<b><u>A61M 1 /-</u></b>
2015200450	2016220685	2014228128 2016381936 2017279659	2014315371	2016344018 2017204202 2017206231 2017272232	2017206230 2018229421
<b><u>A01N 25 /-</u></b>	<b><u>A23L 21 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>A61M 11 /-</u></b>
2015317195 2017228622 2017281579	2014393037	2014228128 2016381936 2017279659	2014337102 2014348570 2014354728 2014356583 2015222303 2015233336 2015245963 2015260837 2015302271 2015349306 2016207118 2016302748 2016306610 2016308337 2016320645 2016344018 2017200228 2017201593 2017203725 2017203986 2017206211 2017213500 2017228622 2017254855 2017254916 2017272232 2018202410 2018250398	2015240385	2017206230 2018229421
<b><u>A01N 35 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61K 48 /-</u></b>	<b><u>A61M 11 /-</u></b>
2016273956	2014409262 2017202135	2014315371	2016302748 2016306610 2016308337 2016320645 2016344018 2017200228 2017201593 2017203725 2017203986 2017206211 2017213500 2017228622 2017254855 2017254916 2017272232 2018202410 2018250398	2015240385	2014323044
<b><u>A01N 37 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61B 11 /-</u></b>	<b><u>A61K 49 /-</u></b>	<b><u>A61M 25 /-</u></b>
2014393037 2016273956	2015261959	2016354728 2017201241	2014315371 2014366500 2014370088 2015277134 2016381362	2016344018 2017204202 2017206231 2017272232	2017206230
<b><u>A01N 43 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A61B 11 /-</u></b>	<b><u>A61F 11 /-</u></b>	<b><u>A61K 51 /-</u></b>	<b><u>A61M 36 /-</u></b>
2015222179 2015270428 2015317195 2016273956 2018202410	2016220685	2014315371 2014366500 2014370088 2015277134 2016381362	2014315371 2014366500 2014370088 2015277134 2016381362	2016306610 2016340472	2017213596
<b><u>A01N 47 /-</u></b>	<b><u>A24D 3 /-</u></b>	<b><u>A61F 13 /-</u></b>	<b><u>A61F 13 /-</u></b>	<b><u>A61K 48 /-</u></b>	<b><u>A61M 5 /-</u></b>
2016273956 2017281579	2014383576	2016341213 2017290647	2016341213 2017290647	2015396177 2017225124	2014259848 2014298464 2017206230 2018232988
<b><u>A01N 59 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61F 13 /-</u></b>	<b><u>A61F 13 /-</u></b>	<b><u>A61K 49 /-</u></b>	<b><u>A61N 1 /-</u></b>
2014393037 2015250959	2015263326 2017268501	2016243997	2016243997	2016354728	2014343324 2016341213
<b><u>A01N 63 /-</u></b>	<b><u>A45C 11 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61K 51 /-</u></b>	<b><u>A61N 5 /-</u></b>
2014393037	2014375111	2013381856 2014201273 2014261789 2014280045 2014300923 2015240385 2016381936 2017279659	2013381856 2014201273 2014261789 2014280045 2014300923 2015240385 2016381936 2017279659	2014228233 2017200199 2017213596	2015240385 2016392399 2017216559
<b><u>A01N 65 /-</u></b>	<b><u>A45D 20 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61K 8 /-</u></b>	<b><u>A61N 7 /-</u></b>
2014393037	2016277997	2013366024 2014202021 2014250761 2014393037 2015245963 2017204202	2013366024 2014202021 2014250761 2014393037 2015245963 2017204202	2015250959 2015409171 2016244073 2016285815 2016348590 2016349500	2016354728
<b><u>A01P 1 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61K 35 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>A61P 1 /-</u></b>
2014393037	2017208408	2014229628 2017228641	2013366024 2014202021 2014250761 2014393037 2015245963 2017204202	2014273148 2014323044 2014354728 2015302271	2014237027 2015260837
<b><u>A01P 13 /-</u></b>	<b><u>A47C 7 /-</u></b>				<b><u>A61P 13 /-</u></b>
2015317195	2016222271				

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2013360024	2014227862		2017301354	2016247193	<b><u>B65D 77 /-</u></b>
<b><u>A61P 15 /-</u></b>	2015233336	<b><u>B01L 9 /-</u></b>			
	2015302271		<b><u>B28B 11 /-</u></b>	<b><u>B61K 9 /-</u></b>	2015287658
2014227862	2015396177	2016235288		2015246665	<b><u>B65D 83 /-</u></b>
	2017254916	<b><u>B03D 1 /-</u></b>	2014284256		
<b><u>A61P 17 /-</u></b>	<b><u>A61Q 1 /-</u></b>		<b><u>B29C 65 /-</u></b>	<b><u>B61L 15 /-</u></b>	2015211194
		2015390435		2018200075	2016348590
2015240385	2016244073	<b><u>B05B 13 /-</u></b>	2014352854		<b><u>B65D 85 /-</u></b>
2018250398			<b><u>B30B 11 /-</u></b>	<b><u>B62B 3 /-</u></b>	
<b><u>A61P 19 /-</u></b>	<b><u>A61Q 11 /-</u></b>	2014270078	2015265951	2016411666	2014352854
	2015409171	<b><u>B05B 3 /-</u></b>			2016333118
2015396177	2016349500		<b><u>B30B 15 /-</u></b>	<b><u>B62D 63 /-</u></b>	<b><u>B65F 1 /-</u></b>
<b><u>A61P 21 /-</u></b>	<b><u>A61Q 15 /-</u></b>	2015385182	2015265951	2016268143	2014275571
		<b><u>B08B 3 /-</u></b>		<b><u>B64C 25 /-</u></b>	<b><u>B65G 15 /-</u></b>
2015396177	2016348590		<b><u>B31D 5 /-</u></b>		
<b><u>A61P 25 /-</u></b>	<b><u>A61Q 19 /-</u></b>	2015385182	2014352854	2015341237	2015200422
		<b><u>B08B 9 /-</u></b>		<b><u>B64C 27 /-</u></b>	<b><u>B65G 17 /-</u></b>
2014227862	2015240385		<b><u>B32B 27 /-</u></b>		
2015222303		2015361224	2015274433	2015341237	2015200422
2016207118	<b><u>A61Q 5 /-</u></b>	<b><u>B21C 47 /-</u></b>			<b><u>B65G 27 /-</u></b>
2016320645			<b><u>B32B 3 /-</u></b>	<b><u>B64D 13 /-</u></b>	
2016344018	2016244073	2017335761	2017239623	2015252068	2015280664
2017254855		<b><u>B21D 22 /-</u></b>		<b><u>B64D 33 /-</u></b>	<b><u>B65G 45 /-</u></b>
<b><u>A61P 29 /-</u></b>	<b><u>A61Q 9 /-</u></b>		<b><u>B32B 37 /-</u></b>		
		2018200985	2015283779	2015341237	2015305289
2014237027	2016285815	<b><u>B21D 28 /-</u></b>		<b><u>B64D 47 /-</u></b>	<b><u>B66B 7 /-</u></b>
2014356583	<b><u>A62B 18 /-</u></b>		<b><u>B32B 41 /-</u></b>		
2015233336		2018200985	2014265098	2015252068	2015257349
2017201593	2016335689	<b><u>B24C 3 /-</u></b>		<b><u>B64F 5 /-</u></b>	<b><u>B66D 1 /-</u></b>
<b><u>A61P 3 /-</u></b>	<b><u>B01D 15 /-</u></b>		<b><u>B32B 7 /-</u></b>		
		2014383643	2015283779	2015250619	2015200234
2014227862	2016340518	<b><u>B24D 18 /-</u></b>		<b><u>B65B 7 /-</u></b>	<b><u>B66F 3 /-</u></b>
2014237027			<b><u>B42D 15 /-</u></b>		
<b><u>A61P 31 /-</u></b>	<b><u>B01D 19 /-</u></b>	2015289119	2014240255	2014275571	2015213448
		<b><u>B24D 3 /-</u></b>		<b><u>B65B 9 /-</u></b>	2016235073
2015260837	2014343377		<b><u>B60C 11 /-</u></b>		<b><u>B67D 1 /-</u></b>
<b><u>A61P 33 /-</u></b>	<b><u>B01D 27 /-</u></b>	2015289119	2017244887	2014275571	2015238523
		<b><u>B25J 19 /-</u></b>		<b><u>B65D 1 /-</u></b>	
2017228622	2014366927		<b><u>B60P 1 /-</u></b>		<b><u>B82Y 5 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>B01D 36 /-</u></b>	2016375175	2016268143	2015361224	2016308337
		<b><u>B25J 9 /-</u></b>		2016298223	
2013390806	2014343377		<b><u>B60R 13 /-</u></b>		<b><u>C01B 25 /-</u></b>
2014244426		2016375175		2016298223	2015261392
2014316030	<b><u>B01D 53 /-</u></b>	2016378656	2017248405		
2014354728		<b><u>B26B 19 /-</u></b>		<b><u>B65D 21 /-</u></b>	<b><u>C01D 15 /-</u></b>
2015349306	2014343377		<b><u>B60R 21 /-</u></b>		
2016302748	2016220515	2015246185	2018202517	2016333118	2015245229
2016308337		<b><u>B26B 21 /-</u></b>		<b><u>B65D 47 /-</u></b>	<b><u>C01F 7 /-</u></b>
2016354728	<b><u>B01F 7 /-</u></b>		<b><u>B60S 9 /-</u></b>		
2017203725		2016285815	2016235073	2015287658	2015314778
2017203986	2015341667	<b><u>B26D 1 /-</u></b>		<b><u>B65D 5 /-</u></b>	<b><u>C01G 23 /-</u></b>
2017206231	<b><u>B01J 20 /-</u></b>		<b><u>B60T 7 /-</u></b>		
<b><u>A61P 37 /-</u></b>		2017301354	2018202517	2015287658	2015241096
	<b><u>B01J 3 /-</u></b>	<b><u>B26D 5 /-</u></b>		<b><u>B65D 65 /-</u></b>	<b><u>C02F 1 /-</u></b>
2014202021			<b><u>B60T 8 /-</u></b>		
2014286123	2015261392	<b><u>B26D 7 /-</u></b>	2018202517	2015283779	2014343377
<b><u>A61P 43 /-</u></b>	2016340518				2015261392
		2017301354	<b><u>B61B 13 /-</u></b>		2015390435
2014316030	<b><u>B01J 3 /-</u></b>				
2017203986		2017301354			
<b><u>A61P 9 /-</u></b>	<b><u>B01L 3 /-</u></b>				
2013360024	2017239543				



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<b>C02F 101 /-</b>	<b>C07C 323 /-</b>	<b>C07D 263 /-</b>	2017203986	2015270529	<b>C10L 3 /-</b>
2015261392	2015281128	2015222179	<b>C07F 13 /-</b>	<b>C08F 8 /-</b>	2016220515
<b>C02F 9 /-</b>	<b>C07C 39 /-</b>	<b>C07D 401 /-</b>	2015233336	2015357292	<b>C11D 1 /-</b>
2014343377	2016207118	2015222303	<b>C07F 15 /-</b>	<b>C08G 18 /-</b>	2016367170
<b>C03C 21 /-</b>	<b>C07C 51 /-</b>	2016320645	2015233336	2016320888	<b>C11D 17 /-</b>
2015361224	2014348752	2017213500	<b>C07F 9 /-</b>	<b>C08G 63 /-</b>	2015265649
<b>C03C 23 /-</b>	2014369046	<b>C07D 403 /-</b>	2014228233	2016385771	2015265951
2015361224	<b>C07C 53 /-</b>	2014227862	<b>C07H 1 /-</b>	<b>C08G 65 /-</b>	2016367170
<b>C04B 35 /-</b>	2014369046	2015222303	2015349306	<b>C08G 65 /-</b>	<b>C11D 3 /-</b>
2015289119	<b>C07C 55 /-</b>	2016302748	<b>C07H 19 /-</b>	2015317195	2015265649
<b>C04B 40 /-</b>	2016401398	2016320645	<b>C07H 19 /-</b>	<b>C08G 81 /-</b>	2016367170
2014284256	<b>C07C 57 /-</b>	2017213500	2015349306	2016320888	<b>C11D 7 /-</b>
<b>C04B 41 /-</b>	2014369046	<b>C07D 405 /-</b>	<b>C07H 21 /-</b>	<b>C08J 5 /-</b>	2015265649
2016344018	2016344018	2017213500	2014259750	2015274433	<b>C12C 5 /-</b>
2015289119	<b>C07C 63 /-</b>	<b>C07D 409 /-</b>	2017200228	<b>C08K 3 /-</b>	2015286425
<b>C07B 59 /-</b>	2014318748	2015222179	2017202493	2016385771	<b>C12G 3 /-</b>
2017203512	<b>C07C 65 /-</b>	<b>C07D 413 /-</b>	2017225124	<b>C08L 101 /-</b>	2015286425
<b>C07B 61 /-</b>	2016207118	2014227862	<b>C07H 3 /-</b>	2016320888	<b>C12M 1 /-</b>
2015281128	<b>C07C 69 /-</b>	2015222179	<b>C07K 1 /-</b>	<b>C08L 67 /-</b>	2016266871
<b>C07C 211 /-</b>	2014318748	2016320645	2014228233	2016385771	<b>C12N 15 /-</b>
2014318748	2016207118	<b>C07D 417 /-</b>	2014286268	<b>C09B 23 /-</b>	2014233685
<b>C07C 213 /-</b>	<b>C07D 207 /-</b>	2015274545	2016340472	2015257477	2014312159
2015287663	2015222179	<b>C07D 417 /-</b>	2016340518	<b>C09D 175 /-</b>	2015243562
<b>C07C 217 /-</b>	<b>C07D 209 /-</b>	2014227862	<b>C07K 14 /-</b>	2016320888	2015396177
2015287663	2015257477	2014244426	2014359292	<b>C09D 175 /-</b>	2017225124
<b>C07C 229 /-</b>	<b>C07D 213 /-</b>	2014348752	2015243562	2016320888	2017239579
2016207118	2017213500	2015222303	2016340472	<b>C09D 183 /-</b>	<b>C12N 5 /-</b>
<b>C07C 231 /-</b>	<b>C07D 217 /-</b>	2017203986	2018201252	2016320888	2013360024
2016372153	2015274545	2017254916	<b>C07K 16 /-</b>	<b>C09D 5 /-</b>	2014233685
<b>C07C 237 /-</b>	<b>C07D 221 /-</b>	<b>C07D 487 /-</b>	2014233528	2017239543	2014300923
2016372153	2015274545	2014227862	2014233685	<b>C09J 123 /-</b>	2017200228
<b>C07C 259 /-</b>	<b>C07D 235 /-</b>	2014284616	2014286268	2015247562	<b>C12N 9 /-</b>
2014337102	2015281128	2014354728	2016308337	<b>C09J 5 /-</b>	2013311668
<b>C07C 29 /-</b>	<b>C07D 237 /-</b>	2014356583	2016340472	2015283779	<b>C12P 19 /-</b>
2015281128	2017213500	2015222303	2017200199	<b>C09J 5 /-</b>	2015270529
<b>C07C 31 /-</b>	<b>C07D 239 /-</b>	<b>C07D 491 /-</b>	<b>C07K 17 /-</b>	2015283779	<b>C12P 21 /-</b>
2015281128	2014348570	2015222303	2016340472	<b>C09K 3 /-</b>	2014274215
<b>C07C 319 /-</b>	2015222303	2014227862	<b>C07K 19 /-</b>	2015289119	<b>C12P 7 /-</b>
2015281128	<b>C07D 249 /-</b>	2017203725	2016340472	<b>C09K 8 /-</b>	2015247075
2015281128	2015270428	2015222303	<b>C07K 7 /-</b>	2015380500	2015270529
		2015260837	<b>C08B 1 /-</b>	2015392073	2016266871
		<b>C07D 519 /-</b>	2015270529	2015394339	<b>C12Q 1 /-</b>
			<b>C08B 37 /-</b>	<b>C10J 3 /-</b>	2013266244
				2014321482	2013341091
					2016269785
					2017202493

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2018258190	<u>D21H 11 /-</u>	<u>E21B 33 /-</u>	2015257349	<u>F41A 21 /-</u>	<u>G01V 3 /-</u>
<u>C21D 8 /-</u>	2017208269	2017248571	<u>F16D 13 /-</u>	2017245287	2016226603
2015361346	<u>D21H 15 /-</u>	<u>E21B 43 /-</u>	2014317254	<u>F41A 35 /-</u>	<u>G02B 6 /-</u>
<u>C21D 9 /-</u>	2017208269	2015391988	<u>F16K 3 /-</u>	2017245287	2017216559
2015361346	<u>E01B 35 /-</u>	2015392073	2015230394	<u>F41C 27 /-</u>	<u>G02C 7 /-</u>
<u>C22B 3 /-</u>	2015246665	2016223213	<u>F16K 31 /-</u>	2017245287	2014265097
2015245229	<u>E01C 19 /-</u>	2016226603	2015230394	<u>F41G 1 /-</u>	<u>G03G 15 /-</u>
<u>C22C 1 /-</u>	2015279002	<u>E21B 7 /-</u>	<u>F16L 1 /-</u>	2017245287	2016371440
2015289119	<u>E02D 13 /-</u>	2016223213	2015207769	<u>F41G 11 /-</u>	<u>G03G 21 /-</u>
<u>C22C 38 /-</u>	2015271355	<u>E21F 13 /-</u>	<u>F16L 13 /-</u>	2017245287	2016371440
2015361346	<u>E02F 3 /-</u>	2017203347	2016247565	<u>F41H 5 /-</u>	<u>G05B 19 /-</u>
<u>C25B 11 /-</u>	2015289119	<u>F02B 3 /-</u>	<u>F16L 17 /-</u>	2015289119	2015250619
2016305184	<u>E02F 9 /-</u>	2016335471	2017276326	<u>G01C 21 /-</u>	<u>G05B 23 /-</u>
<u>C25B 3 /-</u>	2015200234	<u>F02B 75 /-</u>	<u>F16L 23 /-</u>	2016309565	2017261589
2016305184	<u>E04B 1 /-</u>	2016335471	2016247565	<u>G01C 25 /-</u>	<u>G06F 1 /-</u>
<u>C40B 50 /-</u>	2014270078	<u>F02D 15 /-</u>	<u>F24F 12 /-</u>	2016309565	2017202585
2017201146	2016277543	2016335471	2014231667	<u>G01D 1 /-</u>	<u>G06F 12 /-</u>
<u>D03D 1 /-</u>	<u>E04B 2 /-</u>	<u>F02D 41 /-</u>	<u>F24F 13 /-</u>	2015201056	2016316777
2014265098	2017201257	2017203076	2014231667	<u>G01M 5 /-</u>	<u>G06F 13 /-</u>
<u>D06F 25 /-</u>	<u>E04B 5 /-</u>	<u>F02D 9 /-</u>	<u>F24F 3 /-</u>	2015246665	2013379177
2016385261	2013263734	2017203076	2014231667	<u>G01N 21 /-</u>	<u>G06F 15 /-</u>
<u>D06F 33 /-</u>	<u>E04F 15 /-</u>	<u>F03D 1 /-</u>	<u>F24S 10 /-</u>	2014265098	2014237590
2013408947	2013263734	2017317772	2014284256	2016235288	<u>G06F 16 /-</u>
<u>D06F 37 /-</u>	2017239623	2017317772	2015258405	2017301354	2014257044
2016317800	<u>E04H 15 /-</u>	<u>F03D 13 /-</u>	<u>F24S 20 /-</u>	2018201428	2015346525
2016385261	2014351697	2017317772	2015258405	<u>G01N 23 /-</u>	2016261088
<u>D06F 39 /-</u>	<u>E05D 15 /-</u>	<u>F03D 80 /-</u>	2014372315	<u>G01N 27 /-</u>	2016316777
2016317800	2016218958	2017317772	<u>F24S 90 /-</u>	<u>G01N 29 /-</u>	2017225086
2016385261	<u>E05D 3 /-</u>	<u>F04D 29 /-</u>	2014284256	2014370088	<u>G06F 17 /-</u>
<u>D06F 58 /-</u>	2016218958	2015341667	2017210641	2017210641	2013292377
2016385261	<u>E05F 15 /-</u>	<u>F15B 1 /-</u>	<u>F25B 49 /-</u>	<u>G01N 30 /-</u>	2014201568
<u>D06F 75 /-</u>	2017268680	2016410260	2017202585	2016340518	2014237047
2015201200	<u>E21B 19 /-</u>	<u>F15B 15 /-</u>	<u>F25D 17 /-</u>	<u>G01N 33 /-</u>	2014381692
<u>D21B 1 /-</u>	2015213448	2015213448	2017202585	2013341091	2015200234
2017208269	<u>E21B 21 /-</u>	<u>F16B 43 /-</u>	<u>F28D 15 /-</u>	2013354357	2016261088
<u>D21C 9 /-</u>	2015380500	2016277543	2017202585	2014370088	2016331484
2017208269	2015391988	<u>F16B 45 /-</u>	<u>F28D 19 /-</u>	2015257477	2017203544
2017208269	2015394339	2016222271	<u>F28D 9 /-</u>	<u>G01N 35 /-</u>	2017204514
<u>D21D 1 /-</u>	<u>E21B 29 /-</u>	<u>F16B 7 /-</u>	2014359786	2016235288	<u>G06F 21 /-</u>
2017208269	2016223213			<u>G01S 19 /-</u>	2013379177
					2014237590
					2016206286
					<u>G06F 3 /-</u>
					2014221602
					2014381692
					2015401538

Applications Accepted - IPC Index cont'd

2016316777	<b><u>G21F 7 /-</u></b>	<b><u>H02M 11 /-</u></b>	<b><u>H04N 21 /-</u></b>
2017201079			
2017324072	2014317254	2015205892	2014318962
<b><u>G06F 7 /-</u></b>	<b><u>G21G 1 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04N 7 /-</u></b>
2016316777	2017213596	2015205892	2015311663
<b><u>G06F 9 /-</u></b>	<b><u>H01H 33 /-</u></b>	<b><u>H02P 1 /-</u></b>	<b><u>H04R 1 /-</u></b>
2015346525	2015245940	2017210650	2017290647
2016316777	<b><u>H01L 23 /-</u></b>	<b><u>H02P 27 /-</u></b>	<b><u>H04R 25 /-</u></b>
<b><u>G06K 19 /-</u></b>	2017202585	2014344218	2016331484
2017248405	<b><u>H01M 10 /-</u></b>	<b><u>H02P 3 /-</u></b>	2016341213
<b><u>G06K 9 /-</u></b>	2014334662	2014344218	<b><u>H04R 5 /-</u></b>
2017204514	<b><u>H01M 12 /-</u></b>	<b><u>H02P 9 /-</u></b>	2017290647
<b><u>G06N 99 /-</u></b>	2014334662	2017210650	<b><u>H04W 16 /-</u></b>
2016261088	<b><u>H01M 4 /-</u></b>	<b><u>H04B 1 /-</u></b>	2016369273
<b><u>G06Q 10 /-</u></b>	2015241096	2014375111	<b><u>H04W 28 /-</u></b>
2017254896	<b><u>H01Q 19 /-</u></b>	<b><u>H04B 17 /-</u></b>	2016369273
<b><u>G06Q 50 /-</u></b>	2017248405	2015247794	<b><u>H04W 4 /-</u></b>
2014381692	<b><u>H01R 13 /-</u></b>	2014344218	2014343324
2016261088	2016371440	<b><u>H04B 3 /-</u></b>	2016252002
<b><u>G06T 7 /-</u></b>	2017245287	2014344218	<b><u>H04W 48 /-</u></b>
2016392399	<b><u>H01R 25 /-</u></b>	<b><u>H04B 7 /-</u></b>	2017213486
2017204514	2017245287	2019200693	<b><u>H04W 72 /-</u></b>
<b><u>G07F 17 /-</u></b>	<b><u>H02H 7 /-</u></b>	2019200699	2014261928
2015211194	2014344218	<b><u>H04L 1 /-</u></b>	2015362737
<b><u>G09F 1 /-</u></b>	2017332958	2015321951	2016300773
2014240255	<b><u>H02J 7 /-</u></b>	2016247631	<b><u>H04W 74 /-</u></b>
<b><u>G09F 27 /-</u></b>	2017201155	<b><u>H04L 12 /-</u></b>	2015362737
2014240255	2017268680	2017272318	<b><u>H04W 76 /-</u></b>
<b><u>G09G 5 /-</u></b>	<b><u>H02K 1 /-</u></b>	<b><u>H04L 29 /-</u></b>	2016252002
2017201079	2016366624	2015409938	2016369273
<b><u>G10L 15 /-</u></b>	<b><u>H02K 15 /-</u></b>	2016252002	<b><u>H05K 7 /-</u></b>
2016331484	2016366624	2015321606	2017202585
2017330209	<b><u>H02K 19 /-</u></b>	2015321951	
<b><u>G10L 21 /-</u></b>	2016325752	2016252002	
2016331484	<b><u>H02K 21 /-</u></b>	<b><u>H04L 9 /-</u></b>	
<b><u>G11B 7 /-</u></b>	2016325752	2015409938	
2014212377	2016366624	2016206286	
<b><u>G16B 30 /-</u></b>	<b><u>H02K 3 /-</u></b>	2018200611	
2014348566	2016366624	<b><u>H04M 1 /-</u></b>	
<b><u>G16B 50 /-</u></b>	<b><u>H02K 37 /-</u></b>	2014343324	
2014348566	2016366624	2017324072	
		<b><u>H04M 3 /-</u></b>	
		2017254896	

**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) Apple Inc.  
 (11) AU-B-2018101947  
 (21) 2018101947 (22) 04.12.2018  
 (54) Watch theater mode  
 (51) Int. Cl.  
     G09G 5/00 ( 2006.01 )  
     G06F 3/02 ( 2006.01 )  
     G06F 3/14 ( 2006.01 )  
     G09G 5/02 ( 2006.01 )  
     G09G 5/10 ( 2006.01 )  
 (45) 28.02.2019  
 (62) 2018100179  
 (72) McAtee, Kevin Tyler; Gowreesunker, Baboo; Lamb, Michael J.; Schorsch, Brent W.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Bullivants Pty Limited  
 (11) AU-B-2018101869  
 (21) 2018101869 (22) 30.11.2018  
 (54) MOBILE TEST BED  
 (51) Int. Cl.  
     G01N 3/08 ( 2006.01 )  
 (45) 28.02.2019  
 (72) EIMBRODT, Kent Albert; SLATTERY, Robert Bryan  
 (74) WRAYS PTY LTD

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(71) Hazer Group Ltd  
 (11) AU-B-2018101787  
 (21) 2018101787 (22) 19.11.2018  
 (54) A process for producing hydrogen and graphitic carbon at elevated pressure  
 (51) Int. Cl.  
     C01B 3/26 ( 2006.01 )  
     B01J 23/745 ( 2006.01 )  
     C01B 3/02 ( 2006.01 )  
     C01B 3/24 ( 2006.01 )  
     C01B 3/28 ( 2006.01 )  
     C01B 3/30 ( 2006.01 )  
     C21B 15/00 ( 2006.01 )  
 (45) 28.02.2019  
 (62) 2016240393  
 (72) Cornejo, Andrew; Chua, Hui Tong  
 (74) Shelston IP Pty Ltd.

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(71) LG Electronics Inc.  
 (11) AU-B-2018100947  
 (21) 2018100947 (22) 06.07.2018  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.  
     A47L 9/16 ( 2006.01 )  
     A47L 9/28 ( 2006.01 )  
     A47L 9/32 ( 2006.01 )  
 (45) 28.02.2019  
 (62) 2017240611  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
 (74) Dentons New Zealand Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2018100948  
 (21) 2018100948 (22) 06.07.2018  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.  
     A47L 9/16 ( 2006.01 )  
     A47L 9/28 ( 2006.01 )  
     A47L 9/32 ( 2006.01 )  
 (45) 28.02.2019  
 (62) 2017240611  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
 (74) Dentons New Zealand Limited

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(71) Sipco Pty Ltd  
 (11) AU-B-2016102381  
 (21) 2016102381 (22) 09.05.2016  
 (54) An apparatus and method for the near real time physical analysis of hay or cotton bales using nuclear magnetic resonance techniques  
 (51) Int. Cl.  
     G01R 33/00 ( 2006.01 )  
     A01F 15/00 ( 2006.01 )  
     A01F 17/00 ( 2006.01 )  
     B30B 9/00 ( 2006.01 )  
     G01N 24/00 ( 2006.01 )  
 (31) 2015901681 (32) 08.05.15 (33) AU  
 (45) 28.02.2019  
 (72) Kelly, Richard  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) The Quick Flick Pty Ltd  
 (11) AU-B-2018100800  
 (21) 2018100800 (22) 15.06.2018  
 (54) Cosmetic Applicator  
 (51) Int. Cl.  
     A45D 40/20 ( 2006.01 )  
 (31) 2017905081 (32) 20.12.17 (33) AU  
     62/541,726 06.08.17 US  
 (45) 28.02.2019  
 (72) Smit, Iris  
 (74) FB Rice Pty Ltd

**Numerical Index**

**2016102381** Sipco Pty Ltd  
**2018100800** The Quick Flick Pty Ltd  
**2018100947** LG Electronics Inc.  
**2018100948** LG Electronics Inc.  
**2018101787** Hazer Group Ltd  
**2018101869** Bullivants Pty Limited  
**2018101947** Apple Inc.

**IPC Index**

**A01F 15 /-**

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**A01F 17 /-**

2016102381

**A45D 40 /-**

2018100800

**A47L 9 /-**

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2018100948

**B01J 23 /-**

2018101787

**B30B 9 /-**

2016102381

**C01B 3 /-**

2018101787

**C21B 15 /-**

2018101787

**G01N 24 /-**

2016102381

**G01N 3 /-**

2018101869

**G01R 33 /-**

2016102381

**G06F 3 /-**

2018101947

**G09G 5 /-**

2018101947

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2018208622 **Mayerle, D.** ( Seed Terminator Holdings Pty Ltd )
- 2018208623 **Mayerle, D.** ( Seed Terminator Holdings Pty Ltd )
- 2018208625 **Mayerle, D.** ( Seed Terminator Holdings Pty Ltd )

**Opposition Withdrawn - Proceed to Grant**

- 2014224164 **Britax Childcare Pty Ltd** ( Dorel Australia Pty Ltd )

**Patents Granted**

**Standard Patents**

- 2012345944 2013206414 2013239320 2013248265
- 2013260657 2013267139 2013273466 2013276318
- 2013279175 2013289883 2013290313 2013291988
- 2013298632 2013312306 2013329308 2013341792
- 2013351960 2013364418 2013368221 2013380981
- 2013390918 2013401876 2013406225 2013406467
- 2013409329 2014200882 2014202252 2014205298
- 2014207429 2014207615 2014207707 2014209195
- 2014209200 2014209263 2014209387 2014215005
- 2014216042 2014218371 2014218666 2014223283
- 2014223927 2014225330 2014227461 2014227462
- 2014228460 2014232370 2014233190 2014233193
- 2014233464 2014233515 2014233743 2014235706
- 2014235755 2014236316 2014236720 2014237186
- 2014237665 2014237756 2014237802 2014238121
- 2014238339 2014240950 2014242123 2014244550
- 2014247092 2014253018 2014253480 2014253909
- 2014253957 2014263349 2014265090 2014270038
- 2014270532 2014273996 2014275388 2014280124
- 2014281446 2014284048 2014287016 2014287348
- 2014288953 2014290048 2014292185 2014293274
- 2014298067 2014307651 2014308659 2014310698
- 2014311952 2014312020 2014312564 2014317208
- 2014318586 2014320700 2014321006 2014330891
- 2014331520 2014331564 2014332026 2014335746
- 2014335859 2014337434 2014340155 2014340241
- 2014340370 2014342402 2014343110 2014343223
- 2014344409 2014348839 2014350343 2014350421
- 2014352265 2014352753 2014353871 2014354670
- 2014356134 2014368759 2014369375 2014369572
- 2014373604 2014374101 2014375265 2014384765
- 2014386164 2014388095 2014399854 2014400408
- 2014404320 2014404792 2014405791 2014411736
- 2014414428 2014415229 2015201788 2015202460
- 2015204953 2015205884 2015206040 2015206350
- 2015208814 2015208858 2015211019 2015213032
- 2015213041 2015213149 2015214674 2015214943
- 2015214949 2015215023 2015227391 2015231245
- 2015233500 2015233563 2015235880 2015236855
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- 2015257007 2015257847 2015258040 2015263854
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- 2015287622 2015287891 2015288553 2015290098
- 2015291490 2015293702 2015295549 2015299049
- 2015301011 2015301139 2015301145 2015303211
- 2015305299 2015305898 2015306822 2015307284
- 2015314363 2015318279 2015320026 2015322089
- 2015322424 2015323817 2015328092 2015332778
- 2015334902 2015338882 2015343290 2015346110

**Patents Granted**

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- 2015347440 2015352801 2015355303 2015364334
- 2015364877 2015364898 2015365706 2015368938
- 2015369215 2015369936 2015370524 2015373277
- 2015375393 2015375394 2015375395 2015380135
- 2015381870 2015384816 2015387195 2015387618
- 2015391991 2015395658 2015397202 2015402804
- 2016202479 2016203451 2016204897 2016206154
- 2016206158 2016210110 2016212529 2016212919
- 2016213420 2016213728 2016213828 2016216722
- 2016221001 2016222480 2016223307 2016225575
- 2016225922 2016225934 2016225937 2016226784
- 2016228003 2016228874 2016228983 2016229006
- 2016231663 2016235759 2016236525 2016238902
- 2016242472 2016244035 2016244309 2016246918
- 2016247159 2016250357 2016250482 2016253924
- 2016256604 2016256736 2016256779 2016259294
- 2016260628 2016261746 2016262662 2016262709
- 2016263240 2016266001 2016266030 2016270433
- 2016273829 2016273850 2016273900 2016276029
- 2016277611 2016277768 2016279956 2016281164
- 2016289488 2016306086 2016309524 2016314971
- 2016316663 2016322102 2016325519 2016335681
- 2016344081 2016351374 2016358305 2016361882
- 2016364117 2016364792 2016374436 2016381744
- 2016420291 2017200052 2017200447 2017200483
- 2017200597 2017200616 2017201096 2017201270
- 2017201394 2017201486 2017201725 2017201732
- 2017201931 2017202042 2017202328 2017202609
- 2017202623 2017202884 2017202890 2017203115
- 2017203329 2017203534 2017203642 2017203687
- 2017203764 2017203847 2017204014 2017204027
- 2017204056 2017204057 2017204349 2017204501
- 2017204775 2017204778 2017208481 2017210501
- 2017219011 2017219147 2017219190 2017221832
- 2017224993 2017265087 2017268600 2017341163
- 2018201199 2018201313 2018201419 2018201741
- 2018202384 2018202520 2018204270 2018204456
- 2018204460 2018236762

**Innovation Patents**

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- 2017101845 2018102023 2018102051 2019100032
- 2019100036 2019100059 2019100062 2019100064
- 2019100065 2019100069 2019100075 2019100076
- 2019100078 2019100079 2019100080 2019100081
- 2019100082 2019100085 2019100086 2019100087
- 2019100092 2019100097 2019100099 2019100100
- 2019100102

**Assignments Registered**

- 2003229675 Laura Metaal Eyselshoven BV The patent has been assigned to **Highway Care Ltd**
- 2003245070 AmKor Pharma, Inc. The patent has been assigned to **GNT Pharma Co., Ltd**
- 2003246367 M&G USA Corporation The patent has been assigned to **Corpus Christi Polymers LLC**
- 2003274766 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**
- 2004215108 TomTom International B.V. The patent has been assigned to **TomTom Navigation B.V.**
- 2004240757 M. & G. Polymers U.S.A. LLC The patent has been assigned to **Corpus Christi Polymers LLC**

**Assignments Registered**

- 2004288174 Warren Environmental, Inc. The patent has been assigned to **Warren Environmental & Coating, LLC**
- 2005332711 TomTom International B.V. The patent has been assigned to **TomTom Navigation B.V.**
- 2006237605 Warren Environmental, Inc. The patent has been assigned to **Warren Environmental & Coating, LLC**
- 2006345778 TomTom International B.V. The patent has been assigned to **TomTom Navigation B.V.**
- 2007347505 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**
- 2008212914 M&G USA Corporation The patent has been assigned to **Corpus Christi Polymers LLC**
- 2008217359 Per Aarsleff A/S The patent has been assigned to **The Charles Machine Works, Inc.**
- 2009288448 Bose Corporation The patent has been assigned to **ClearMotion Acquisition I LLC**
- 2009302546 INCURON, LLC The patent has been assigned to **Incuron, Inc.**
- 2010258028 HEFEI GOOLU TECH. WASHER CO., LTD. The patent has been assigned to **Anhui Julong Transmission Technology Co., Ltd**
- 2010282584 Schmidt, Howard The patent has been assigned to **Quidnet Energy, Inc.**
- 2010355675 HEFEI GOOLU TECH. WASHER CO., LTD. The patent has been assigned to **Anhui Julong Transmission Technology Co., Ltd**
- 2011251882 Orsini, Beatrice; Carpanzano, Jerome; Carpanzano, Fabrice; Carpanzano, Joseph; Carpanzano, Laetitia The patent has been assigned to **CCL Finances; LUNGO, Marcel**
- 2011361036 Biserkon Holdings Ltd. The patent has been assigned to **Advanced Technology Assets B.V.**
- 2012267970 Tokyo University of Science Educational Foundation Administrative Organization; National Institute of Advanced Industrial Science and Technology; SUMITOMO SEIKA CHEMICALS CO., LTD. The patent has been assigned to **SUMITOMO SEIKA CHEMICALS CO., LTD.; National Institute of Advanced Industrial Science and Technology**
- 2012379964 Warburton Technology Limited The patent has been assigned to **Virbac (Australia) Limited Pty**
- 2013205479 Zulert Labs Inc. The patent has been assigned to **Cognian Technologies Ltd**
- 2013404062 Warren Environmental, Inc. The patent has been assigned to **Warren Environmental & Coating, LLC**
- 2014101613 Warren Environmental, Inc. The patent has been assigned to **Warren Environmental & Coating, LLC**
- 2014274492 Biotrin International Limited The patent has been assigned to **Hain Lifescience GmbH**
- 2014338511 Facebook, Inc. The patent has been assigned to **Facebook Technologies, LLC**
- 2015203021 121 Group Management Pty Ltd The patent has been assigned to **CharliChair Holdings Pty Ltd**

**Assignments Registered**

- 2015247451 Warren Environmental, Inc. The patent has been assigned to **Warren Environmental & Coating, LLC**
- 2015249410 Green Future Ltd. The patent has been assigned to **Tal Or Ecology Ltd.**
- 2016203201 Schmidt, Howard K. The patent has been assigned to **Quidnet Energy, Inc.**
- 2016222362 Mendi, Ronen; Tuchfeld, Ronen The patent has been assigned to **Daily back up Ltd.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

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

2000031542 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 17 May 2018

For the goods RYDAPT midostaurin

Extension of Term of patent pursuant to Section 77 expires on 14 Feb 2025

**Corrigenda**

In Vol 33 , No 4 , Page(s) 636 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name eToro Group Ltd.; Assia, J., Application No. 2017316544, under INID (71) remove co-applicant Assia, J.

In Vol 33 , No 5 , Page(s) 720 under the heading **Provisional Applications Filed - Name Index** Under the name Southern Waste Solutions (Trading Name), Copping Refuse Disposal Site Joint Authority, Application No. 2019900235, under INID (71) correct the applicant name to Copping Refuse Disposal Site Joint Authority

In Vol 33 , No 6 , Page(s) 894 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Joint Stock Company "BIOCAD", Application No. 2017297138, under INID (72), add co-inventor Goncharova, Olga Vladimirovna

**Specifications Republished**

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

2015319188 **The Yokohama Rubber Co., Ltd.**  
 2015383884 **Halliburton Energy Services, Inc.**  
 2015396639 **ArcelorMittal**  
 2015412899 **Mitsubishi Electric Corporation**  
 2018279298 **Ningbo Hongdu Model Plastics Co., Ltd.**