



**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**

***Lempco Industries, Inc.* [2018] APO 61**

Patent Application: 2015258248

Title: Computer implemented method and apparatus for establishing and executing a dynamic equity instrument

Patent Applicant: Lempco Industries, Inc.

Delegate: Dr S. J. Smith

Decision Date: 12 September 2018

Hearing Date: Written submissions filed on 13 June 2018

Catchwords: **PATENTS** – examiner’s objection – manner of manufacture – substance of invention a financial scheme – no patentable subject matter identified in specification – application refused

Representation: Patent attorney for the applicant: Allens Patent and Trade Mark Attorneys

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Mars, Incorporated v Kraft Foods R & D, Inc.* [2018] APO 62**

Patent Application: 2012308876

Title: Chocolate product and process for producing the same

Patent Applicant: Kraft Foods R & D, Inc.

Opponent: Mars, Incorporated

Delegate: Dr Leslie F. McCaffery, Deputy Commissioner of Patents

Decision Date: 12 September 2018

Hearing Date: 13 June 2018, in Canberra

Catchwords: **PATENTS** - opposition to the grant of a patent under section 59 – clarity – support – whether the specification is clear enough and complete enough for the skilled person to work the invention across the full scope of the claims – novelty – inventive step – utility – opposition successful – opportunity to amend – costs awarded.

Representation: Patent attorney for the applicant: Mr Gavin Adkins and Dr Sheila Barbero, Griffith Hack  
Patent attorney for the opponent: Dr Aaron Olsen, Spruson & Ferguson

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*HRB Innovations, Inc.* [2018] APO 63

Patent Application: 2018200942

Title: Simplified tax interview

Patent Applicant: HRB Innovations, Inc.

Delegate: Isaac Tan

Decision Date: 14 September 2018

Hearing Date: Written Submissions filed 20 July 2018

Catchwords: **PATENTS** – section 45 – examiner objection hearing – manner of manufacture – computer implemented invention – preparation of a tax return – substance of the invention relates to a scheme of sorting information – use of cluster analysis – invention does not result in improvement in the functioning of the computer – application refused

Representation: Charles Yip, Patent Attorney of FB Rice Pty Ltd

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Knauf Plasterboard Pty Ltd v CSR Building Products Limited* [2018] APO 64

Patent Application:	2014201979
Title:	WALL STRUCTURE AND METHOD
Patent Applicant:	CSR Building Products Limited
Opponent:	Knauf Plasterboard Pty Ltd
Delegate:	Dr S. J. Smith
Decision Date:	18 September 2018
Hearing Date:	Written submissions filed 14 August 2018 and 21 August 2018
Catchwords:	<b>PATENTS</b> – section 223 – extension of time to file notice of opposition – failure to file prepared notice – full and frank disclosure – discretionary considerations – extension of time allowed – costs awarded
Representation:	Patent attorney for the applicant: Griffith Hack Patent attorney for the opponent: Spruson & Ferguson

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Grant Fisher v ToolGen Incorporated* [2018] APO 65**

Patent Application: 2013335451

Title: Composition for cleaving a target DNA comprising a guide RNA specific for the target DNA and Cas protein-encoding nucleic acid or Cas protein, and use thereof.

Patent Applicant: ToolGen Incorporated

Opponent: Grant Fisher

Delegate: Dr Leslie F. McCaffery, Deputy Commissioner

Decision Date: 18 September 2018

Hearing Date: 21 May 2018, in Canberra (Supplementary submissions finalised 21 June 2018)

Catchwords: **PATENTS** – opposition to the grant of a patent under section 59 – Section 40(2)(a) and whether the specification is clear enough and complete enough for the skilled person to work the invention across the full scope of the claims – Section 40(3), clarity and support – Section 43 and priority – novelty – inventive step – opposition successful – opportunity to amend – costs awarded.

Representation: Counsel for the applicant: Patrick W. Flynn  
Patent attorney for the applicant: Jones Day  
Counsel for the opponent: Christian Dimitriadis SC and Clare Cunliffe  
Solicitor for the opponent: Ashurst Australia

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 11 Sep 2018 .

(71) ADKA Investments Pty Ltd (21) 2018903473 (22) 14.09.2018 (54) Improvements in or in relation to mine roof support cribs	<b>Bowey, K. see Bowey, J.</b> (21) 2018903395	URE-MOISTURE CONTENT (T - X) RELATIONSHIP
(71) Adra Group Holdings Pty Ltd (21) 2018903410 (22) 11.09.2018 (54) Bucket-wheel machines	(71) Bowey, J.; Bowey, K. (21) 2018903395 (22) 11.09.2018 (54) A SUPPORT FOR ATTACHEMENT TO A STRUCTURAL MEMBER	(71) Cocky Smart Pty Ltd (21) 2018903467 (22) 14.09.2018 (54) Wound Healing Method
(71) Amtek Pty Limited (21) 2018903443 (22) 13.09.2018 (54) Prisoner Transport Module And Other Vehicular Improvements	(71) Breadboard Designs Pty Ltd (21) 2018903376 (22) 10.09.2018 (54) SYSTEM FOR MONITORING ANIMAL FEEDING	(71) Colville, H. (21) 2018903444 (22) 13.09.2018 (54) Fluid pump
(71) Australian Plant Proteins Pty Ltd (21) 2018903408 (22) 11.09.2018 (54) SYSTEM AND METHOD FOR EXTRACTING A PROTEIN FOOD PRODUCT	(71) Brett, A. (21) 2018903490 (22) 17.09.2018 (54) Light bulb base mounted heater	(71) Continuity Co (21) 2018903371 (22) 09.09.2018 (54) REMINDER AND GIFT SENDING CRM
(71) Backman, R. (21) 2018903392 (22) 10.09.2018 (54) Method and apparatus to adapt hand-held three-dimensional laser scanners for use in medical imaging.	(71) Brickfloor Pty Ltd (21) 2018903419 (22) 12.09.2018 (54) Method of facilitating sale, acquisition and management of property	(71) Decorative Imaging Pty Limited (21) 2018903487 (22) 17.09.2018 (54) Two-Piece Batten
(71) Biolingus IP LLC (21) 2018903503 (22) 18.09.2018 (54) Oral transmucosal immunotherapy	(71) Buchiw, E. (21) 2018903507 (22) 18.09.2018 (54) EXERCISE AND REHABILITATION APPARATUS	(71) DELTA KILO PTY LIMITED (21) 2018903382 (22) 10.09.2018 (54) Business Process Management (BPM) workflow, virtualising physical warehouse environment to optimise infrastructure capacity and generate Business Intelligence (BI) for logistics and warehousing.
(71) Blackmagic Design Pty Ltd (21) 2018903448 (22) 13.09.2018 (54) Image processing method and system	(71) Built Environment Compliance Pty Ltd (21) 2018903450 (22) 13.09.2018 (54) Safety management system and method for multiple occupancy building	(71) Dennis, I.; Young, A. (21) 2018903400 (22) 11.09.2018 (54) AN IMPROVED HAUL ROAD GUIDE FOR NIGHT DRIVING CONDITIONS
(71) Bostech Drilling Australia Pty Ltd (21) 2018903381 (22) 10.09.2018 (54) A FEATHERING AND BIT DRIVE SYSTEM FOR A DOWN THE HOLE HAMMER RETENTION DRILL	(71) Cayman Creations Pty Ltd (21) 2018903505 (22) 18.09.2018 (54) EXERCISE SYSTEM AND METHOD	(71) DIVYA, S.; NANN, T. (21) 2018903461 (22) 14.09.2018 (54) A CATHODE
	(71) Chen, X.D.; Fu, N.; Xiao, J.; Putranto, A. (21) 2018903366 (22) 07.09.2018 (54) A METHOD OF DETERMINING DRYING KINETICS OF FRUITS AND VEGETABLES USING TEMPERAT-	(71) Ecochem Australia Pty Ltd (21) 2018903477 (22) 14.09.2018 (54) STARCH APPLICATOR SYSTEM CLEANING SYSTEM AND METHOD



Provisional Applications Filed - Name Index cont'd

(71) Emudent Technologies Pty Ltd  
(21) 2018903447 (22) 13.09.2018  
(54) DENTAL DEVICE AND METHOD OF USE

(71) Ethapane, P.  
(21) 2018903456 (22) 14.09.2018  
(54) Use of Location based functionality, the main use, for review websites and mobile applications. Having the ability to set a specific radius within apps and websites to ensure reviews of businesses, products and individuals can be conducted only by controlled proximity to the business, individual or product. example: review of a restaurant can only be done if the reviewer is within 500meters of the restaurant location. this will eliminate non accurate reviews by third parties trying to defame a business.

(71) FASTBRICK IP PTY LTD  
(21) 2018903500 (22) 17.09.2018  
(54) AUTOMATION OF HIGH RISE CONSTRUCTION

(71) Fordham, C.; Johnsons Truck & Coach  
(21) 2018903474 (22) 14.09.2018  
(54) Johnsons Trailer Catch, this is a semi trailer safety catch the minimizes the risk of the trailer colliding with other objects if the turntable jaws fail. just like trailer safety chains on a small trailer.

Fu, N. see Chen, X.D.  
(21) 2018903366

(71) GD Merch Pty Ltd  
(21) 2018903449 (22) 13.09.2018  
(54) A BOTTLE OPENER

(71) GE & DA Kennedy Pty Ltd T/A Kennedy Trailers  
(21) 2018903374 (22) 10.09.2018  
(54) A Reconfigurable Trailer

(71) Gelion Technologies Pty Ltd  
(21) 2018903432 (22) 12.09.2018  
(54) Battery with halogen sequestering agent

(71) GH Packaging International Pty Ltd  
(21) 2018903454 (22) 14.09.2018  
(54) A tamper evident lid for paper cups

(71) Gibson, F.  
(21) 2018903426 (22) 12.09.2018  
(54) Apparatus and Method of Mounting a Panel Relative to a Surface

(71) Glencore Technology Pty Limited; MESCO Inc.  
(21) 2018903463 (22) 14.09.2018  
(54) Stripping of Metal from Cathodes

(71) Goodster FMCG Holdings Pty Ltd  
(21) 2018903499 (22) 17.09.2018  
(54) Food Product

Grophin Pty Ltd see Zhou, X.  
(21) 2018903407

(71) Hagedorn, A.  
(21) 2018903455 (22) 14.09.2018  
(54) Trailer Boat Launch Aid

(71) Hazel, S.  
(21) 2018903438 (22) 13.09.2018  
(54) A ground-based vehicle for locating a subterranean pipe and an associated method

(71) Hill, B.  
(21) 2018903427 (22) 12.09.2018  
(54) COMPOSITION AND METHOD FOR TREATING TIMBER

(71) HMA Wear Solutions P/L  
(21) 2018903387 (22) 10.09.2018  
(54) Wear indicating ceramic tile

(71) HODAK & YOUNG PTY LTD  
(21) 2018903420 (22) 12.09.2018  
(54) Charcoal Oven Thermal Head

(71) Hudgins, M.  
(21) 2018903384 (22) 10.09.2018  
(54) System and method for decomposing waste material

Hull, J. see Hull, K.  
(21) 2018903471

(71) Hull, K.; Hull, J.  
(21) 2018903471 (22) 14.09.2018  
(54) SMOKE ALARM SYSTEM

(71) iEP2 Research Pty Limited  
(21) 2018903417 (22) 12.09.2018  
(54) An electrical protection device

(71) Illinois Tool Works Inc.  
(21) 2018903465 (22) 14.09.2018  
(54) Magnetic Door Latch Mechanism and Assembly

(71) Illinois Tool Works Inc.  
(21) 2018903466 (22) 14.09.2018  
(54) Push/Pull Door Latch Mechanism and Assembly

(71) Innovative Ag Solutions Pty Limited  
(21) 2018903399 (22) 11.09.2018  
(54) A low-cost star post extension

(71) Integral Systems Pty Limited  
(21) 2018903484 (22) 16.09.2018  
(54) System, Method and Interface for Communication and Viewing of Medical Imaging

(71) Integrated Access Designs (Australia) Pty Ltd  
(21) 2018903494 (22) 17.09.2018  
(54) LATCH AND METHOD OF LATCH INSTALLATION

(71) ISX IP Ltd  
(21) 2018903424 (22) 12.09.2018  
(54) Remotely verifying an identity of a person

(71) ISX IP Ltd  
(21) 2018903492 (22) 17.09.2018  
(54) Remotely verifying an identity of a person

Johnsons Truck & Coach see Fordham, C.  
(21) 2018903474

(71) JORGENSON-WATTS IP PTY LTD  
(21) 2018903369 (22) 09.09.2018  
(54) Method for Matching Time Dependent Users and Providers

(71) JOVANOSKI, N.  
(21) 2018903446 (22) 13.09.2018  
(54) A single product, designed as a three sided driving plate that incorporates the Learner driving plate (L Plate), Probationary period 1 driving plate (P1 Plate), and Probationary period 2 driving plate (P2 Plate). The three sided driving plate is attachable to the vehicle's windshield and rear window using suction cups.

(71) JustIssues Pty Ltd  
(21) 2018903367 (22) 08.09.2018  
(54) SECURITY ENHANCEMENTS IN COMPUTERISED VOTING SYSTEMS

(71) KEITH REDENBACH LEGAL PTY LTD  
(21) 2018903482 (22) 14.09.2018  
(54) dProfessional Practice Management System

Provisional Applications Filed - Name Index cont'd

(71) KEMLO, G.; MADGWICK, G.  
(21) 2018903404 (22) 11.09.2018  
(54) PORTABLE ANIMAL HOUSING

(71) K Factor Consulting Pty Ltd  
(21) 2018903431 (22) 12.09.2018  
(54) Improved trasher arrangement and parallelgram mounting system

(71) Konz, E.  
(21) 2018903506 (22) 18.09.2018  
(54) My objective is to create the Quick Casuals Website and App. This complex website will be able to make finding casual staff quick and easy whilst providing a place for casual workers to promote themselves and show their availability for work. This concept will be utilised for many industries being but not limited to Child Care, Nursing, Trades, Hospitality, Hairdressing etc.

(71) Lenexa Medical Pty Ltd  
(21) 2018903433 (22) 12.09.2018  
(54) ADDRESSING CIRCUIT FOR CONDUCTOR ARRAYS

(71) Lettela Pty Limited  
(21) 2018903498 (22) 17.09.2018  
(54) SCREEN PANEL LOCKING SYSTEM

(71) Lewis Australia Pty Ltd  
(21) 2018903495 (22) 17.09.2018  
(54) A Self-Contained Sampling and Processing Facility

**MADGWICK, G. see KEMLO, G.**  
(21) 2018903404

(71) MAG Specialised Plumbing Products (Aust) Pty Ltd  
(21) 2018903469 (22) 14.09.2018  
(54) Thermal Flush System for Purging a Water Dispensing Outlet Device

(71) MAXM I PTY LTD  
(21) 2018903491 (22) 17.09.2018  
(54) A STADIUM/ARENA CROWD EXPERIENCE, CROWD MANAGEMENT AND CROWD GENERATION ARRANGEMENT, AND A METHOD TO CREATE AN ENHANCED CROWD EXPERIENCE AND/OR CROWD AT SAID STADIUM/ARENA

**MESCO Inc. see Glencore Technology Pty Limited**  
(21) 2018903463

(71) Mesoblast International Sarl  
(21) 2018903396 (22) 11.09.2018  
(54) Production of precursors for generation of T, NK or NKT cells

(71) Muscat, R.  
(21) 2018903379 (22) 10.09.2018  
(54) BOAT MOORING APPARATUS

(71) Musgrave, A.  
(21) 2018903436 (22) 13.09.2018  
(54) Electronic betting rehabilitation tool

(71) Nagawkar, L.  
(21) 2018903439 (22) 13.09.2018  
(54) Apparatus for oven cookware

**NANN, T. see DIVYA, S.**  
(21) 2018903461

(71) Naumenko, K.  
(21) 2018903476 (22) 14.09.2018  
(54) Turbine converting Tidal & Wave kinetic energy into mechanical energy simultaneously.

(71) Near Field Creative Pty Ltd  
(21) 2018903411 (22) 11.09.2018  
(54) Method and System for Capturing Data and Delivering Digital Content using Smart Clothing

(71) NEIL THOMPSON MARKETING PTY. LTD.  
(21) 2018903479 (22) 14.09.2018  
(54) HydroDrive Integrated Building and Transport Power System

**Nematollahi, B. see Sanjayan, J.**  
(21) 2018903373

**NewSouth Innovations Pty Ltd see The Commonwealth of Australia represented by the Department of Defence**  
(21) 2018903509

(71) NEW ZEALAND HEALTH INNOVATION HUB MANAGEMENT LIMITED  
(21) 2018903440 (22) 13.09.2018  
(54) AN EAR SPLINT FOR CORRECTION OF EXTERNAL EAR SHAPE

(71) Niksic, B.  
(21) 2018903389 (22) 10.09.2018  
(54) Time apparatus

(71) NO ROCK CAFE TABLES PTY LTD  
(21) 2018903394 (22) 10.09.2018  
(54) STABILISING ARRANGEMENTS

(71) Northern Development Pty Ltd  
(21) 2018903393 (22) 10.09.2018  
(54) Percutaneous Lead

(71) Nutrition Science Design Pte. Ltd.  
(21) 2018903430 (22) 12.09.2018  
(54) Amorphous sugar composition

(71) NXT IP PTY LTD  
(21) 2018903481 (22) 14.09.2018  
(54) A connection for connecting precast wall panels

(71) Orthocell Limited  
(21) 2018903475 (22) 14.09.2018  
(54) NANOPARTICLE-COATED COLLAGEN IMPLANT

(71) Orthocell Limited  
(21) 2018903480 (22) 14.09.2018  
(54) Artificial Periosteum

(71) Paris, M.  
(21) 2018903442 (22) 13.09.2018  
(54) CARDIAC INITIATED GENERATOR

(71) Pellegrini, M.  
(21) 2018903489 (22) 17.09.2018  
(54) Business School / Executive Education Advisor/Selector A business school/executive education website that shows details of the course and program offerings of business schools on the planet. These details are the institutions' own information supplemented by those that have attended their courses/programs and can provide first-hand experience/reviews – everything from the location, course itself, teaching academics, facilities, materials, meals, overall value etc etc. There is a booking facility on the website for all participating business schools.

(71) PLAY SAFE TRAMPOLINES PTY LTD  
(21) 2018903416 (22) 12.09.2018  
(54) A mat for providing a stabilized surface on sand or other loose soil and adapted to support a person stationed thereon, such as a person in a wheelchair. The mat includes a skeletal layer fashioned in the form of a grid, which is stiff and inflexible, except that it may be rolled-up. The skeletal layer is adhesively sandwiched between two blankets geotextile fabrics which remain relatively cool when exposed to sunshine. The mat also includes a plurality of spaced tubular rings, each having a tubular end glued to one of the geotextile blankets. A method of fabricating the mat is also disclosed.

Provisional Applications Filed - Name Index cont'd

	FYING AN ELECTRONIC AGREE- MENT	
(71) Power, R. (21) 2018903406 (54) Split Shank Bolt	(22) 11.09.2018	(71) South Australian Health and Medical Research Institute Limited (21) 2018903497 (54) METHODS FOR PRODUCING PRO- TEINS
(71) Price, C. (21) 2018903485 (54) Personalised Broadcast News Delivery System, Viewer Monitoring and Analys- is Platform.	(22) 16.09.2018	(71) Southern Adelaide Local Health Net- work (21) 2018903405 (54) METHODS AND PRODUCTS FOR PREVENTING AND/OR TREATING REPERFUSION INJURY
(71) Pride Technologies International Pty Ltd (21) 2018903403 (54) WATER FLOW CONTROL VALVE	(22) 11.09.2018	(71) Spinex Pty Ltd (21) 2018903391 (54) Method and Apparatus for Removing Particulates from a Fluid
<b>Putranto, A. see Chen, X.D.</b> (21) 2018903366		(71) Stephanie Schell Pty Ltd (21) 2018903493 (54) Infant swaddling system and compon- ents thereof
(71) Quantum Workhealth Programmes Pty Ltd (21) 2018903412 (54) A Device For Use in Lifting, Transport- ing and Installing Sheet Material	(22) 11.09.2018	(71) STM Management Pty Ltd (21) 2018903460 (54) A CONECTORISED CABLE AND A METHOD FOR RECONFIGURING A CONNECTORISED CABLE
(71) Quantum Workhealth Programmes Pty Ltd (21) 2018903413 (54) Sheet Material Installation Device	(22) 11.09.2018	(71) StrathAyr Portable Pty Ltd (21) 2018903458 (54) Planter
(71) Quintano, S. (21) 2018903468 (54) An improved walker and method of util- isation thereof	(22) 14.09.2018	(71) Strong Property Holdings Pty Ltd (21) 2018903375 (54) Building panel
(71) Rajaratnam, K. (21) 2018903397 (54) A SEAT BACK SUPPORT	(22) 11.09.2018	(71) Stuart, K. (21) 2018903368 (54) Personal Electronic Money Manage- ment
(71) RAJARATNAM, K. (21) 2018903422 (54) A seat cushion	(22) 12.09.2018	(71) Stuart, K. (21) 2018903486 (54) Computer, Market Prediction
(71) Ramsey, S. (21) 2018903425 (54) overhead luggage that converts into a cajon drum with an adjustable snare system and internal frequency modula- tion mechanism	(22) 12.09.2018	(71) SYNFINITY BIO PTY LTD (21) 2018903418 (54) Enzymatic Production of Human Milk Oligosaccharides
(71) Ramtaps Pty Ltd (21) 2018903496 (54) AN IMPROVED TAP ASSEMBLY	(22) 17.09.2018	(71) T. Callaway and Associates Pty Ltd (21) 2018903457 (54) Supervised and unsupervised machine learning system and methods for auto- mated multiclass categorisation of ad- dictive gamblers and iterative real-world deployment optimisation thereof
(71) Redenbach Lee Lawyers Pty Ltd (21) 2018903452 (54) A SYSTEM, METHOD, COMPUTER PROGRAM AND DATA SIGNAL FOR CREATING, EXECUTING AND VERI-	(22) 13.09.2018	
(71) Sack, A. (21) 2018903428 (54) GARMENTS	(22) 12.09.2018	
(71) Saleh, M. (21) 2018903502 (54) CELLULOSE-CONTAINING MATERI- ALS	(22) 18.09.2018	
(71) Sanjayan, J.; Xia, M.; Nematollahi, B. (21) 2018903373 (54) Portland Cement-based powder for Powder-Based 3D Concrete Printing. This invention relates to additive manu- facturing, and more particularly to pro- ducing Portland Cement-based powder for powder-based 3D Concrete printing (3DCP) technique for the construction applications. A Portland cement-based powder composition for the powder- based 3DCP process is disclosed. Also disclosed is a method of enhancing mechanical properties of 3D printed Portland cement-based powder.	(22) 10.09.2018	
(71) Savvybaby Pty Ltd (21) 2018903388 (54) INFANT FEEDING BOTTLE AND VALVE SYSTEM THEREFOR	(22) 10.09.2018	
(71) Sea Pen Holdings Pty Ltd (21) 2018903383 (54) A Water Vessel Hull Protector and Method of Construction	(22) 10.09.2018	
(71) Simpson, T. (21) 2018903435 (54) Device for removal of leaves and debris from rainwater.	(22) 13.09.2018	
(71) Skrin Pty Ltd (21) 2018903402 (54) Pressure Fluid Operated Twistlock	(22) 11.09.2018	
(71) SnapTrap Pty Ltd (21) 2018903470 (54) System and method for automated phenology analysis	(22) 14.09.2018	
(71) Solarkilns Holdings Pty Ltd (21) 2018903378 (54) A dryer	(22) 10.09.2018	
(71) Solarwood International Pty Ltd (21) 2018903508 (54) MANUFACTURING WOOD PRODUCTS	(22) 18.09.2018	

Provisional Applications Filed - Name Index cont'd

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(71) Talk 5 Pty Ltd  
 (21) 2018903434 (22) 13.09.2018  
 (54) METHOD AND SYSTEM FOR COMPLETING AND MANAGING WORKSITE AUDITS

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(71) The Commonwealth of Australia represented by the Department of Defence; NewSouth Innovations Pty Ltd  
 (21) 2018903509 (22) 18.09.2018  
 (54) Blockchain Enabled Compliance and Risk Management Tool

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(71) The Crucible Group IP Pty Ltd  
 (21) 2018903462 (22) 14.09.2018  
 (54) CARBON FUEL CELLS

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(71) The University of Adelaide  
 (21) 2018903441 (22) 13.09.2018  
 (54) AN EXHAUST GAS ASSEMBLY

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(71) The University of Melbourne  
 (21) 2018903409 (22) 11.09.2018  
 (54) UV filtering skin care composition

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(71) The University of Western Australia  
 (21) 2018903401 (22) 11.09.2018  
 (54) A SUBSEA CONDUIT STABILISATION DEVICE AND METHOD

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(71) Till Payments Pty Ltd  
 (21) 2018903504 (22) 18.09.2018  
 (54) TRANSACTION SYSTEM

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(71) Tonykip Pty Ltd  
 (21) 2018903385 (22) 10.09.2018  
 (54) Bed bug control

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(71) Trihey, A.  
 (21) 2018903483 (22) 15.09.2018  
 (54) Hybrid Solar Collector

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(71) Uluthando Pty Ltd  
 (21) 2018903390 (22) 10.09.2018  
 (54) Hot tapping drill apparatus

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(71) University of Canberra  
 (21) 2018903445 (22) 13.09.2018  
 (54) Methods of inhibition

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(71) Vanderwert, D.  
 (21) 2018903372 (22) 09.09.2018  
 (54) Rotating Bottle Display

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(71) Vaughan, P.  
 (21) 2018903370 (22) 09.09.2018  
 (54) Water Well (Plant mate) The Water well is a plastic device designed to water plants from ground level to below ground level to root system of plants. Side clips accommodate 13mm and 6mm poly pipe enabling the water Well to be used with existing self watering system if required or can be watered by conventional methods.

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(71) VP Design Holdings Pty Ltd  
 (21) 2018903414 (22) 11.09.2018  
 (54) Adhesive Female Genital Patch

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(71) Wagner, J.  
 (21) 2018903464 (22) 14.09.2018  
 (54) Method And System For Tuning P, PI AND PID Controllers

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(71) Wall Technologies Pty Ltd  
 (21) 2018903472 (22) 14.09.2018  
 (54) A composite concrete panel formed of an aerated concrete mixture and method of manufacture

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(71) Walnab Pty Ltd  
 (21) 2018903386 (22) 10.09.2018  
 (54) Fluid Dispensing or Recovery System

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(71) WALPOLE, P.  
 (21) 2018903423 (22) 12.09.2018  
 (54) Electric Vehicle Bus Public Transport

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(71) Waugh & Son  
 (21) 2018903377 (22) 10.09.2018  
 (54) Guitar Strap

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(71) Wilkie, G.  
 (21) 2018903365 (22) 07.09.2018  
 (54) Asset management and testamentary intention digital application

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(71) Wilson, D.  
 (21) 2018903451 (22) 13.09.2018  
 (54) Magnoplast is a new and improved wall lining system

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(71) WIREMAN PTY LTD  
 (21) 2018903459 (22) 14.09.2018  
 (54) Fencing Apparatus and Fencing Techniques

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(71) Wong, P.J.  
 (21) 2018903453 (22) 13.09.2018  
 (54) COFFEE BEVERAGE IN TRANSPARENT MATERIAL CYLINDRICAL TUBE

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(71) XEFCO PTY LTD  
 (21) 2018903501 (22) 18.09.2018  
 (54) Insulated Radiant Barrier in Apparel

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Xia, M. see Sanjayan, J.  
 (21) 2018903373

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Xiao, J. see Chen, X.D.  
 (21) 2018903366

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(71) Yalbaton Pty Ltd  
 (21) 2018903415 (22) 11.09.2018  
 (54) A DENTAL AND ORAL CLEANING DEVICE

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(71) Yip, R.  
 (21) 2018903478 (22) 14.09.2018  
 (54) A container

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Young, A. see Dennis, I.  
 (21) 2018903400

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(71) Zhou, X.; Grophin Pty Ltd  
 (21) 2018903407 (22) 11.09.2018  
 (54) A METHOD OF IMPROVING RECOVERY FROM ISCHEMIC BRAIN DAMAGE USING P75 INHIBITORS

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(71) Zuma Beach IP Pty Ltd  
 (21) 2018903429 (22) 12.09.2018  
 (54) METHOD AND SYSTEM FOR GENERATING INTERACTIVE MEDIA CONTENT

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Numerical Index

2018903365	Wilkie, G.	2018903436	Musgrave, A.
2018903366	Chen, X.D.; Fu, N.; Xiao, J.; Putranto, A.	2018903438	Hazel, S.
2018903367	JustIssues Pty Ltd	2018903439	Nagawkar, L.
2018903368	Stuart, K.	2018903440	NEW ZEALAND HEALTH INNOVATION HUB MANAGEMENT LIMITED
2018903369	JORGENSON-WATTS IP PTY LTD	2018903441	The University of Adelaide
2018903370	Vaughan, P.	2018903442	Paris, M.
2018903371	Continuity Co	2018903443	Amtek Pty Limited
2018903372	Vanderwert, D.	2018903444	Colville, H.
2018903373	Sanjayan, J.; Xia, M.; Nematollahi, B.	2018903445	University of Canberra
2018903374	GE & DA Kennedy Pty Ltd T/A Kennedy Trailers	2018903446	JOVANOSKI, N.
2018903375	Strong Property Holdings Pty Ltd	2018903447	Emudent Technologies Pty Ltd
2018903376	Breadboard Designs Pty Ltd	2018903448	Blackmagic Design Pty Ltd
2018903377	Waugh & Son	2018903449	GD Merch Pty Ltd
2018903378	Solarkilns Holdings Pty Ltd	2018903450	Built Environment Compliance Pty Ltd
2018903379	Muscat, R.	2018903451	Wilson, D.
2018903381	Bostech Drilling Australia Pty Ltd	2018903452	Redenbach Lee Lawyers Pty Ltd
2018903382	DELTA KILO PTY LIMITED	2018903453	Wong, P.J.
2018903383	Sea Pen Holdings Pty Ltd	2018903454	GH Packaging International Pty Ltd
2018903384	Hudgins, M.	2018903455	Hagedorn, A.
2018903385	Tonykip Pty Ltd	2018903456	Ethapane, P.
2018903386	Walnab Pty Ltd	2018903457	T. Callaway and Associates Pty Ltd
2018903387	HMA Wear Solutions P/L	2018903458	StrathAyr Portable Pty Ltd
2018903388	Savvybaby Pty Ltd	2018903459	WIREMAN PTY LTD
2018903389	Niksic, B.	2018903460	STM Management Pty Ltd
2018903390	Uluthando Pty Ltd	2018903461	DIVYA, S.; NANN, T.
2018903391	Spinex Pty Ltd	2018903462	The Crucible Group IP Pty Ltd
2018903392	Backman, R.	2018903463	Glencore Technology Pty Limited; MESCO Inc.
2018903393	Northern Development Pty Ltd	2018903464	Wagner, J.
2018903394	NO ROCK CAFE TABLES PTY LTD	2018903465	Illinois Tool Works Inc.
2018903395	Bowey, J.; Bowey, K.	2018903466	Illinois Tool Works Inc.
2018903396	Mesoblast International Sarl	2018903467	Cocky Smart Pty Ltd
2018903397	Rajaratnam, K.	2018903468	Quintano, S.
2018903399	Innovative Ag Solutions Pty Limited	2018903469	MAG Specialised Plumbing Products (Aust) Pty Ltd
2018903400	Dennis, I.; Young, A.	2018903470	SnapTrap Pty Ltd
2018903401	The University of Western Australia	2018903471	Hull, K.; Hull, J.
2018903402	Skrin Pty Ltd	2018903472	Wall Technologies Pty Ltd
2018903403	Pride Technologies International Pty Ltd	2018903473	ADKA Investments Pty Ltd
2018903404	KEMLO, G.; MADGWICK, G.	2018903474	Fordham, C.; Johnsons Truck & Coach
2018903405	Southern Adelaide Local Health Network	2018903475	Orthocell Limited
2018903406	Power, R.	2018903476	Naumenko, K.
2018903407	Zhou, X.; Grophin Pty Ltd	2018903477	Ecochem Australia Pty Ltd
2018903408	Australian Plant Proteins Pty Ltd	2018903478	Yip, R.
2018903409	The University of Melbourne	2018903479	NEIL THOMPSON MARKETING PTY. LTD.
2018903410	Adra Group Holdings Pty Ltd	2018903480	Orthocell Limited
2018903411	Near Field Creative Pty Ltd	2018903481	NXT IP PTY LTD
2018903412	Quantum Workhealth Programmes Pty Ltd	2018903482	KEITH REDENBACH LEGAL PTY LTD
2018903413	Quantum Workhealth Programmes Pty Ltd	2018903483	Trihey, A.
2018903414	VP Design Holdings Pty Ltd	2018903484	Integral Systems Pty Limited
2018903415	Yalbaton Pty Ltd	2018903485	Price, C.
2018903416	PLAY SAFE TRAMPOLINES PTY LTD	2018903486	Stuart, K.
2018903417	iEP2 Research Pty Limited	2018903487	Decorative Imaging Pty Limited
2018903418	SYNFINITY BIO PTY LTD	2018903489	Pellegrini, M.
2018903419	Brickfloor Pty Ltd	2018903490	Brett, A.
2018903420	HODAK & YOUNG PTY LTD	2018903491	MAXM I PTY LTD
2018903422	RAJARATNAM, K.	2018903492	ISX IP Ltd
2018903423	WALPOLE, P.	2018903493	Stephanie Schell Pty Ltd
2018903424	ISX IP Ltd	2018903494	Integrated Access Designs (Australia) Pty Ltd
2018903425	Ramsey, S.	2018903495	Lewis Australia Pty Ltd
2018903426	Gibson, F.	2018903496	Ramtaps Pty Ltd
2018903427	Hill, B.	2018903497	South Australian Health and Medical Research Institute Limited
2018903428	Sack, A.	2018903498	Lettela Pty Limited
2018903429	Zuma Beach IP Pty Ltd	2018903499	Goodster FMCG Holdings Pty Ltd
2018903430	Nutrition Science Design Pte. Ltd.	2018903500	FASTBRICK IP PTY LTD
2018903431	K Factor Consulting Pty Ltd	2018903501	XEFCO PTY LTD
2018903432	Gelion Technologies Pty Ltd	2018903502	Saleh, M.
2018903433	Lenexa Medical Pty Ltd	2018903503	Biologus IP LLC
2018903434	Talk 5 Pty Ltd		
2018903435	Simpson, T.		

**Provisional Applications Filed - Numerical Index cont'd**

**2018903504** Till Payments Pty Ltd  
**2018903505** Cayman Creations Pty Ltd  
**2018903506** Konz, E.  
**2018903507** Buchiw, E.  
**2018903508** Solarwood International Pty Ltd  
**2018903509** The Commonwealth of Australia represented by the Department of Defence; NewSouth Innovations Pty Ltd

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 11 Sep 2018 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<p>(71) 4D Pharma PLC (21) 2018229410 (22) 11.09.2018 (54) Compositions comprising bacterial Blautia strains for treating visceral hypersensitivity (62) 2017226831</p>	<p>MOTE CONTROLLER FOR SUCH MEDICAL DEVICE (62) 2014328497</p>	<p>(71) Baxter International Inc.; Baxter Healthcare SA (21) 2018229421 (22) 11.09.2018 (54) SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT (62) 2017251871</p>
<p>(71) 4 Season Company Pty Ltd (21) 2018229465 (22) 12.09.2018 (54) Emissions reducing feed supplement (31) 2017903860 (32) 22.09.17 (33) AU PCT/ 05.09.18 AU AU2018/050958</p>	<p>(71) Apple Inc. (21) 2018229406 (22) 10.09.2018 (54) Sending drawing data via contact list (62) 2018204025</p>	<p>(71) Becton, Dickinson and Company (21) 2018229420 (22) 11.09.2018 (54) Improved auto-stop vent plug (62) 2016235085</p>
<p>(71) AbbVie Inc. (21) 2018226476 (22) 06.09.2018 (54) Apoptosis-inducing agents for the treatment of cancer and immune and autoimmune diseases (62) 2014242104</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018226503 (22) 07.09.2018 (54) A GAMING MACHINE (31) 16/120,032 (32) 31.08.18 (33) US 62/555,923 08.09.17 US</p>	<p>(71) Becton, Dickinson and Company (21) 2018229442 (22) 12.09.2018 (54) Intravenous tubing set modified for in-line catheter flushing (62) 2017202409</p>
<p>(71) Accenture Global Solutions Limited (21) 2018229445 (22) 12.09.2018 (54) ANTIVIRUS SIGNATURE DISTRIBUTION WITH DISTRIBUTED LEDGER (62) 2017201870</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018229462 (22) 12.09.2018 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2016219602</p>	<p>(71) Becton, Dickinson and Company (21) 2018229496 (22) 13.09.2018 (54) IV membrane attachment systems and methods (62) 2016235092</p>
<p>(71) AGIT GLOBAL IP HOLDINGS, LLC (21) 2018226459 (22) 06.09.2018 (54) SURFBOARD STRUCTURE WITH FIN ASSEMBLY (31) 106130572 (32) 07.09.17 (33) TW</p>	<p>(71) Assa Abloy AB (21) 2018229480 (22) 12.09.2018 (54) Access control communication device, method, computer program and computer program product (62) 2014286214</p>	<p>(71) BIOCARBON ENGINEERING LTD.; FLETCHER, L.E.; RITCHIE, M.S.; GRAHAM, S.M. (21) 2018226484 (22) 07.09.2018 (54) TECHNIQUES FOR AUTOMATED PLANTING (62) 2015320681</p>
<p>(71) Ainsworth Game Technology Limited (21) 2018229425 (22) 11.09.2018 (54) An electronic gaming machine and gaming method (62) 2014202523</p>	<p>(71) ASSA ABLOY Australia Pty Limited (21) 2018229456 (22) 12.09.2018 (54) MORTICE LATCH ASSEMBLY (31) 2017903692 (32) 12.09.17 (33) AU</p>	<p>(71) Biogen MA Inc. (21) 2018229422 (22) 11.09.2018 (54) Dimethyl fumarate and vaccination regimens (62) 2016244325</p>
<p>(71) AIUT SP. Z O. O. (21) 2018229439 (22) 12.09.2018 (54) LIQUID GAS LEVEL MEASURING SYSTEM (31) EP17461616.9 (32) 29.09.17 (33) EP</p>	<p>(71) BAI, B. (21) 2018226494 (22) 07.09.2018 (54) A Circulation System for Heating and Cooling</p>	<p>(71) Biosense Webster (Israel) Ltd. (21) 2018229470 (22) 12.09.2018 (54) PATIENT FACE AS TOUCHPAD USER INTERFACE (31) 15/703,418 (32) 13.09.17 (33) US</p>
<p>(71) Animas Corporation (21) 2018226471 (22) 06.09.2018 (54) METHODS FOR SECURE COMMUNICATION AND PAIRING OF A MEDICAL INFUSION DEVICE AND A RE-</p>	<p>(71) BASF Plant Science Company GmbH (21) 2018229457 (22) 12.09.2018 (54) Methods for production of synthetic promoters with defined specificity (62) 2017203957</p>	<p>(71) Bridgestone Corporation (21) 2018226498 (22) 07.09.2018 (54) Methods for increasing the extractable rubber content of non-Hevea plant matter (62) 2016235014</p>
	<p><b>Baxter Healthcare SA see Baxter International Inc.</b> (21) 2018229421</p>	

Complete Applications Filed - Name Index cont'd

(71) Brien Holden Vision Diagnostics, Inc.  
 (21) 2018226478 (22) 06.09.2018  
 (54) Ocular fundus camera system and methodology  
 (62) 2016208256

(71) Britax Römer Kindersicherheit GmbH  
 (21) 2018229458 (22) 12.09.2018  
 (54) FOOT PROP FOR A CHILD SAFETY SEAT  
 (31) 17001534.1 (32) 14.09.17 (33) EP

(71) BTT Health GmbH  
 (21) 2018229446 (22) 12.09.2018  
 (54) Low intensity vibration device delivering mechanical signal to biologic systems  
 (62) 2014207857

(71) Cannarella, L.G.  
 (21) 2018229407 (22) 10.09.2018  
 (54) SHUTTER AWNING ASSEMBLY  
 (31) 2017903689 (32) 11.09.17 (33) AU

(71) Canon Kabushiki Kaisha  
 (21) 2018229450 (22) 12.09.2018  
 (54) Sealing member, toner accommodating container and image forming apparatus  
 (62) 2016201437

(71) CASIO COMPUTER CO., LTD.  
 (21) 2018226489 (22) 07.09.2018  
 (54) Display control method of communication device, control method of server, and recording medium  
 (31) 2017-185684 (32) 27.09.17 (33) JP

(71) Centogene AG  
 (21) 2018229451 (22) 12.09.2018  
 (54) METHOD FOR THE DIAGNOSIS OF NIEMANN-PICK DISEASE  
 (62) 2012339149

(71) CFPH, LLC  
 (21) 2018229459 (22) 12.09.2018  
 (54) SYSTEM AND METHODS FOR FACILITATING OPTIONS AND/OR FUTURES  
 (62) 2016204756

(71) CNH Industrial America LLC  
 (21) 2018232925 (22) 18.09.2018  
 (54) Rotatable coupler for a reel arm of a reel header  
 (31) 15/710,523 (32) 20.09.17 (33) US

(71) Colgate-Palmolive Company  
 (21) 2018229469 (22) 12.09.2018  
 (54) ORAL CARE COMPOSITIONS AND METHODS OF USE  
 (62) 2014415226

(71) Colgate-Palmolive Company  
 (21) 2018229476 (22) 12.09.2018  
 (54) ORAL CARE COMPOSITIONS AND METHODS OF USE  
 (62) 2016285678

(71) Connected Group Australia Pty Ltd  
 (21) 2018226506 (22) 07.09.2018  
 (54) Improvements in Switches  
 (62) 2016201840, 2017219139, 2018200749

(71) Data Trends Australia Pty Ltd  
 (21) 2018229443 (22) 12.09.2018  
 (54) SYSTEM AND METHOD OF ANALYSING FINANCIAL RECORDS  
 (62) 2016208301

(71) Deere & Company  
 (21) 2018226507 (22) 07.09.2018  
 (54) Sectional boom height control of individual section for sprayers and system thereof  
 (31) 62/570,752 (32) 11.10.17 (33) US  
 16/018,653 26.06.18 US

(71) Deere & Company  
 (21) 2018226519 (22) 10.09.2018  
 (54) Unmanned aerial vehicle (UAV)-assisted worksite data acquisition  
 (31) 15/783,277 (32) 13.10.17 (33) US

(71) Deutsches Krebsforschungszentrum  
 (21) 2018226469 (22) 06.09.2018  
 (54) HCBI, MSBI, MSSI and CMI sequences as an early marker for the future development of cancer and diseases of the CNS and as a target for the treatment and prevention of these diseases  
 (62) 2015287139

(71) Dominion Energy, Inc.; Virginia Electric and Power Company  
 (21) 2018229444 (22) 12.09.2018  
 (54) VOLTAGE CONSERVATION USING ADVANCED METERING INFRASTRUCTURE AND SUBSTATION CENTRALIZED VOLTAGE CONTROL  
 (62) 2016238851

(71) Dynamics Inc.  
 (21) 2018226487 (22) 07.09.2018  
 (54) Systems and methods for drive circuits for dynamic magnetic stripe communications devices  
 (62) 2016259296

(71) DYWIDAG-Systems International Pty Limited  
 (21) 2018226495 (22) 07.09.2018  
 (54) Rock bolt  
 (31) 2017903644 (32) 08.09.17 (33) AU

(71) ELBIT SECURITY SYSTEMS LTD  
 (21) 2018229429 (22) 11.09.2018  
 (54) SYSTEM AND METHOD FOR CONTROLLING PLATFORM MOUNTED DEVICES  
 (62) 2014276336

(71) elliss, c.  
 (21) 2018226511 (22) 09.09.2018  
 (54) Adjustable home/office balance ball chair

(71) EMD Millipore Corporation  
 (21) 2018229448 (22) 12.09.2018  
 (54) Graphical user interface for analysis and comparison of location-specific multiparameter data sets  
 (62) 2016208425

(71) eMotovate Pty Ltd  
 (21) 2018229437 (22) 11.09.2018  
 (54) Device and system for displaying advertising  
 (62) 2014277601

(71) Eng IP Pty Ltd  
 (21) 2018226477 (22) 06.09.2018  
 (54) An adjustable support system and support member for pipe  
 (31) 2017903628 (32) 07.09.17 (33) AU

(71) Everi Games, Inc  
 (21) 2018226500 (22) 07.09.2018  
 (54) APPARATUS AND METHODS FOR FACILITATING WAGERING ON GAMES CONDUCTED ON AN INDEPENDENT VIDEO GAMING SYSTEM  
 (31) 15/703,396 (32) 13.09.17 (33) US

(71) Facebook, Inc.  
 (21) 2018226483 (22) 07.09.2018  
 (54) Conversion tracking for installation of applications on mobile devices  
 (62) 2014209546

(71) Ferag AG  
 (21) 2018229419 (22) 11.09.2018  
 (54) A method for the automatic opening of a carrier means as well as an appliance for carrying out the method  
 (31) 01189/17 (32) 28.09.17 (33) CH

(71) FERNO-WASHINGTON, INC.  
 (21) 2018226510 (22) 07.09.2018  
 (54) Manual release systems for ambulance cots  
 (62) 2013355295

(71) Fine, K.  
 (21) 2018229414 (22) 11.09.2018



Complete Applications Filed - Name Index cont'd

**(54)** ORAL AND INTESTINAL HEALTH PRODUCTS

**(31)** 62/556,682 **(32)** 11.09.17 **(33)** US  
16/126,858 10.09.18 US

**FLETCHER, L.E. see BIOCARBON ENGINEERING LTD.**

**(21)** 2018226484

**(71)** FMC Corporation

**(21)** 2018229499 **(22)** 13.09.2018

**(54)** Foam formulations and apparatus for delivery

**(62)** 2014324442

**(71)** Ganalila, LLC

**(21)** 2018226479 **(22)** 06.09.2018

**(54)** ASSOCIATION MAPPING GAME

**(62)** 2013249203

**(71)** Genea IP Holdings Pty Limited

**(21)** 2018226468 **(22)** 06.09.2018

**(54)** APPARATUS, METHOD AND SYSTEM FOR CULTURED SAMPLE DEVELOPMENT MONITORING

**(62)** 2014223314

**(71)** GlaxoSmithKline Biologicals SA

**(21)** 2018226521 **(22)** 10.09.2018

**(54)** CYTOMEGALOVIRUS ANTIGENS AND USES THEREOF

**(62)** 2016210548

**(71)** GlaxoSmithKline Intellectual Property Development Limited

**(21)** 2018229497 **(22)** 13.09.2018

**(54)** HETEROCYCLIC AMIDES USEFUL AS PROTEIN MODULATORS

**(62)** 2017247798

**(71)** GlaxoSmithKline Intellectual Property Development Limited

**(21)** 2018229498 **(22)** 13.09.2018

**(54)** HETEROCYCLIC AMIDES USEFUL AS PROTEIN MODULATORS

**(62)** 2017247798

**GRAHAM, S.M. see BIOCARBON ENGINEERING LTD.**

**(21)** 2018226484

**(71)** Grubmueller Jr., W.

**(21)** 2018226518 **(22)** 10.09.2018

**(54)** Gaming system

**(62)** 2014276876

**(71)** IGT

**(21)** 2018229430 **(22)** 11.09.2018

**(54)** Systems and Methods for Gaming Drop Box Management

**(31)** 15/709,621 **(32)** 20.09.17 **(33)** US

**(71)** Illumina, Inc.

**(21)** 2018226493 **(22)** 07.09.2018

**(54)** Multiplexed single cell gene expression analysis using template switch and tagmentation

**(62)** 2015253299

**(71)** Imtrade Australia Pty Ltd

**(21)** 2018229453 **(22)** 12.09.2018

**(54)** PYRETHROID FORMULATION

**(31)** 2017903843 **(32)** 21.09.17 **(33)** AU

**(71)** Industrial Galvanizers Corporation Pty Ltd

**(21)** 2018229423 **(22)** 11.09.2018

**(54)** An improved foundation sleeve

**(31)** 2017903761 **(32)** 15.09.17 **(33)** AU

**(71)** Jain Agriculture Services Australia Pty Ltd

**(21)** 2018229479 **(22)** 12.09.2018

**(54)** Integrated intelligent irrigation system design, implementation and monitoring

**(31)** 2017903691 **(32)** 12.09.17 **(33)** AU

**(71)** Janssen Pharmaceutica NV

**(21)** 2018229449 **(22)** 12.09.2018

**(54)** Substituted piperidine compounds and their use as orexin receptor modulators

**(62)** 2014248763

**(71)** Janssen Sciences Ireland UC

**(21)** 2018226485 **(22)** 07.09.2018

**(54)** Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of Hepatitis B

**(62)** 2013307337

**(71)** Japanese Organization for Medical Device Development, Inc.

**(21)** 2018229408 **(22)** 10.09.2018

**(54)** Valve Cusp Sizer

**(62)** 2015313403

**(71)** Johnson & Johnson Surgical Vision, Inc.

**(21)** 2018229412 **(22)** 11.09.2018

**(54)** System and method for providing pressurized infusion

**(62)** 2014228564

**(71)** Joint Equity Developments Pty Ltd

**(21)** 2018226502 **(22)** 07.09.2018

**(54)** A MEDICAL FLUID AND DIAGNOSTIC SAMPLE COLLECTION TUBE LABEL

**(31)** 2017903630 **(32)** 07.09.17 **(33)** AU

**(71)** Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation

**(21)** 2018226475 **(22)** 06.09.2018

**(54)** Operation plan creation apparatus, operation plan creation method, and program

**(31)** 2018-050052 **(32)** 16.03.18 **(33)** JP

**(71)** Kala Pharmaceuticals, Inc.

**(21)** 2018229493 **(22)** 13.09.2018

**(54)** Therapeutic compounds and uses thereof

**(62)** 2014216178

**(71)** Kimberly-Clark Worldwide, Inc.

**(21)** 2018229447 **(22)** 12.09.2018

**(54)** Detection of volatiles in personal care products

**(62)** 2014222426

**(71)** Komatsu Ltd.

**(21)** 2018229428 **(22)** 11.09.2018

**(54)** Construction management system and construction management method

**(62)** 2016336319

**(71)** Koninklijke Philips N.V.

**(21)** 2018226522 **(22)** 10.09.2018

**(54)** Juice extractor

**(62)** 2013346443

**(71)** L.A.R.S. - Laboratoire d'Application et de Recherche Scientifique

**(21)** 2018229431 **(22)** 11.09.2018

**(54)** RESORBABLE BIOMIMETIC PROSTHETIC LIGAMENT

**(62)** 2014351652

**(71)** LG Electronics Inc.

**(21)** 2018229416 **(22)** 11.09.2018

**(54)** Dish washer

**(62)** 2016216254

**(71)** Lincoln's Transport Pty Ltd

**(21)** 2018229494 **(22)** 13.09.2018

**(54)** Side tipping

**(31)** 2017903925 **(32)** 27.09.17 **(33)** AU

**(71)** Lippert Components Inc.

**(21)** 2018226508 **(22)** 07.09.2018

**(54)** Retractable Awning Wind Damage Prevention

**(31)** 62/555,244 **(32)** 07.09.17 **(33)** US

**(71)** Lippert Components Inc.

**(21)** 2018226509 **(22)** 07.09.2018

**(54)** Retractable Awning Extension Control

**(31)** 62/555,244 **(32)** 07.09.17 **(33)** US

**Mackedie, B. see Mackedie, C.**

**(21)** 2018229411

Complete Applications Filed - Name Index cont'd

(71) Mackedie, C.; Mackedie, B.  
 (21) 2018229411 (22) 11.09.2018  
 (54) LINE RETRIEVAL DEVICE  
 (31) 2017903681 (32) 11.09.17 (33) AU

(71) Maria Beug-Deeb Inc. DBA T&M Associates  
 (21) 2018229488 (22) 13.09.2018  
 (54) Methods and compositions for cleaning and disinfecting surfaces  
 (62) 2014240095

(71) Matheny Enterprises, LLC  
 (21) 2018229478 (22) 12.09.2018  
 (54) BIODEGRADABLE, ACTIVE INGREDIENT-ELUTING STRUCTURAL SUPPORT  
 (62) 2013274170

(71) Matinas BioPharma, Inc.  
 (21) 2018229440 (22) 12.09.2018  
 (54) Administering compositions comprising docosapentaenoic acid  
 (62) 2013354979

(71) Mayo Foundation for Medical Education and Research  
 (21) 2018226517 (22) 10.09.2018  
 (54) CANCER TREATMENTS  
 (62) 2013327638

(71) Mayo Foundation for Medical Education and Research  
 (21) 2018229471 (22) 12.09.2018  
 (54) SHOULDER PROSTHESIS WITH VARIABLE INCLINATION HUMERAL HEAD COMPONENT  
 (62) 2014226016

(71) MBF S.p.A.  
 (21) 2018226513 (22) 10.09.2018  
 (54) MACHINE FOR FILLING CONTAINERS WITH LIQUIDS, PROVIDED WITH A FILLING LEVEL CORRECTION SYSTEM  
 (31) 102017000101252 (32) 11.09.17 (33) IT

(71) Medtronic, Inc.  
 (21) 2018227226 (22) 10.09.2018  
 (54) Peritoneal dialysate preparation and sensor system  
 (31) 15/723,676 (32) 03.10.17 (33) US

(71) Mesoblast, Inc.  
 (21) 2018226514 (22) 10.09.2018  
 (54) Methods of treating or preventing respiratory conditions  
 (62) 2013360026

(71) MicroVention, Inc.  
 (21) 2018229473 (22) 12.09.2018

(54) Devices for vascular occlusion  
 (62) 2017218115

(71) Musixster, LLC  
 (21) 2018229436 (22) 11.09.2018  
 (54) Conducting artistic competitions in a social network system  
 (62) 2015224573

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229482

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229483

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229484

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229485

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229486

National University of Singapore see Singapore Health Services Pte Ltd  
 (21) 2018229487

Nationwide Children's Hospital, Inc. see Ohio State Innovation Foundation  
 (21) 2018226501

(71) NetScout Systems, Inc.  
 (21) 2018226490 (22) 07.09.2018  
 (54) Automatic calibration of geolocation analytic systems and operator network equipment parameters  
 (31) 15/699,301 (32) 08.09.17 (33) US

(71) NIPPON SUISAN KAISHA, LTD.  
 (21) 2018229460 (22) 12.09.2018  
 (54) Microbial oil, production method for microbial oil, concentrated microbial oil, and production method for concentrated microbial oil  
 (62) 2014358145

(71) Nortek Air Solutions Canada, Inc.  
 (21) 2018226496 (22) 07.09.2018  
 (54) Membrane support assembly for an energy exchanger  
 (62) 2013305428

(71) Northrop Grumman Systems Corporation  
 (21) 2018229427 (22) 11.09.2018  
 (54) RECIPROCAL QUANTUM LOGIC COMPARATOR FOR QUBIT READOUT  
 (62) 2015264772

(71) Novartis AG  
 (21) 2018229455 (22) 12.09.2018  
 (54) HYDRAULIC PUMP FOR OPHTHALMIC SURGERY  
 (62) 2015247486

(71) Nuctech Company Limited  
 (21) 2018232922 (22) 18.09.2018  
 (54) Ray energy calibration device, ray energy calibration method and ray imaging system  
 (31) 201710850203.3 (32) 19.09.17 (33) CN

(71) Oasis Diagnostics Corporation  
 (21) 2018229426 (22) 11.09.2018  
 (54) RNA/PROTEIN/DNA PREFERENTIAL FLUID SAMPLE COLLECTION SYSTEM AND METHODS  
 (62) 2014278039

(71) Oexmann GmbH & Co. KG  
 (21) 2018226520 (22) 10.09.2018  
 (54) Waffle and baking mold for producing the waffle  
 (31) 10 2017 121 207.8 (32) 13.09.17 (33) DE

(71) Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.  
 (21) 2018226501 (22) 07.09.2018  
 (54) Intrathecal Delivery of Recombinant Adeno-Associated Virus 9  
 (62) 2013296425

(71) Optimedica Corporation  
 (21) 2018229409 (22) 11.09.2018  
 (54) Apparatus for automated placement of scanned laser capsulorhexis incisions  
 (62) 2017200868

(71) OPTISCAN PTY LTD  
 (21) 2018229081 (22) 10.09.2018  
 (54) Optical Scanner and Scanned Lens Optical Probe  
 (62) 2014284109

(71) Otis Elevator Company  
 (21) 2018226491 (22) 07.09.2018  
 (54) Maintenance trajectory tracing for elevator system  
 (31) 201710811218.9 (32) 11.09.17 (33) CN

(71) Otis Elevator Company  
 (21) 2018229491 (22) 13.09.2018

Complete Applications Filed - Name Index cont'd

(54) Elevator load bearing termination assembly for carbon fiber belt  
 (31) 15/705,642 (32) 15.09.17 (33) US

(71) Pharmachemie B.V.  
 (21) 2018226472 (22) 06.09.2018  
 (54) Dry powder inhaler  
 (62) 2014361085

(71) Pontarolo, M.  
 (21) 2018229438 (22) 12.09.2018  
 (54) PROTECTIVE VEST FOR AN ANIMAL  
 (62) 2014277707

(71) Poviva Tea, LLC  
 (21) 2018226505 (22) 07.09.2018  
 (54) FOOD AND BEVERAGE COMPOSITIONS INFUSED WITH LIPOPHILIC ACTIVE AGENTS AND METHODS OF USE THEREOF  
 (62) 2018220067

(71) President and Fellows of Harvard College; The United States Government as Represented by the Department of Veterans Affairs  
 (21) 2018226474 (22) 06.09.2018  
 (54) Compositions and method for tissue preservation  
 (62) 2016244304

(71) Purple Innovation, LLC  
 (21) 2018226458 (22) 06.09.2018  
 (54) CUSHIONS AND SHOE INSOLES COMPRISING ELASTOMERIC MATERIAL AND METHODS OF FORMING SAME  
 (31) 15/700,786 (32) 11.09.17 (33) US

(71) Qualcomm Incorporated  
 (21) 2018229417 (22) 11.09.2018  
 (54) DYNAMIC INDICATION OF TIME DIVISION DUPLEX (TDD) UPLINK/DOWNLINK SUBFRAME CONFIGURATIONS  
 (62) 2014299129

(71) Raven Products Pty Ltd  
 (21) 2018229434 (22) 11.09.2018  
 (54) AUTOMATIC DOOR SEAL IMPROVEMENTS  
 (31) 2017903697 (32) 12.09.17 (33) AU

(71) Rebound Therapeutics Corporation  
 (21) 2018232921 (22) 18.09.2018  
 (54) COMMUNICATION SYSTEM FOR A RETRACTOR WITH A MOUNTED CAMERA  
 (31) 15/908,608 (32) 28.02.18 (33) US

(71) Reckitt Benckiser Finish B.V.  
 (21) 2018229415 (22) 11.09.2018

(54) ADW detergent composition  
 (62) 2017202693

(71) Republic Tobacco L.P.  
 (21) 2018229495 (22) 13.09.2018  
 (54) Manual cigarette making machine operable by a handle located at a side of the machine  
 (31) 201810551983.6 (32) 31.05.18 (33) CN

RITCHIE, M.S. see BIOCARBON ENGINEERING LTD.  
 (21) 2018226484

(71) Rohm and Haas Company  
 (21) 2018229492 (22) 13.09.2018  
 (54) TRAFFIC PAINT FORMULATION  
 (31) 62/568,370 (32) 05.10.17 (33) US

(71) Run Them Sweet, LLC  
 (21) 2018229477 (22) 12.09.2018  
 (54) Methods and systems to estimate nutritional needs of human and other patients and to support such nutritional needs  
 (62) 2013334526

(71) ServiceNow, Inc.  
 (21) 2018229432 (22) 11.09.2018  
 (54) Data modelling and flow engine for building automated flows within a cloud based developmental platform  
 (31) 15/723,011 (32) 02.10.17 (33) US  
 15/815,476 16.11.17 US  
 15/913,537 06.03.18 US  
 62/557,427 12.09.17 US

(71) Shanghai Aodian Hardware & Mechanism Co., Ltd  
 (21) 2018226499 (22) 07.09.2018  
 (54) Clothes Line Distribution System

(71) Sigma-Aldrich Co. LLC  
 (21) 2018229489 (22) 13.09.2018  
 (54) CRISPR-BASED GENOME MODIFICATION AND REGULATION  
 (62) 2017204031

(71) SilverRail Australia Pty Ltd  
 (21) 2018229435 (22) 11.09.2018  
 (54) COMPUTER IMPLEMENTED TECHNOLOGIES CONFIGURED TO ENABLE EFFICIENT PROCESSING OF QUERIES IN A TRANSPORTATION DATA SYSTEM, INCLUDING USE OF PARTITIONING BASED ON TRIP ATTRIBUTES  
 (31) 2017903683 (32) 11.09.17 (33) AU  
 2017903684 11.09.17 AU

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229482 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229483 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229484 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229485 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229486 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Singapore Health Services Pte Ltd; National University of Singapore  
 (21) 2018229487 (22) 13.09.2018  
 (54) Treatment of fibrosis  
 (62) 2016369407

(71) Smart Sinks Pty Ltd  
 (21) 2018229424 (22) 11.09.2018  
 (54) MOBILE SINK ASSEMBLY

(71) Smith & Nephew, Inc.; University of Massachusetts  
 (21) 2018226486 (22) 07.09.2018  
 (54) Negative pressure wound closure device  
 (62) 2013290346

(71) Smith & Nephew, Inc.  
 (21) 2018229464 (22) 12.09.2018  
 (54) Cruciate-retaining knee prosthesis  
 (62) 2016213861

(71) SOLTEC ENERGIAS RENOVABLES S.L.  
 (21) 2018229413 (22) 11.09.2018  
 (54) PHOTOVOLTAIC CABLING OPTIMIZATION FOR SOLAR TRACKERS USING A PLUG AND PLAY HARNESS CONFIGURATION

Complete Applications Filed - Name Index cont'd

(71) SONG HONG FOOD.,JSC  
(21) 2018229481 (22) 13.09.2018  
(54) HERBAL PESTICIDES  
(31) 2-2017-00344 (32) 07.11.17 (33) VN

(71) Sony Corporation  
(21) 2018226482 (22) 07.09.2018  
(54) Utilizing multiple dimensions of commerce and streaming data to provide advanced user profiling and realtime commerce choices  
(62) 2016225868

(71) St. Jude Children's Research Hospital  
(21) 2018228501 (22) 10.09.2018  
(54) Therapies based on control of regulatory T cell stability and function via a Neuropilin-1:Semaphorin axis  
(62) 2013329372

(71) Staar Surgical Company  
(21) 2018226512 (22) 10.09.2018  
(54) METHODS OF PROVIDING EXTENDED DEPTH OF FIELD AND/OR ENHANCED DISTANCE VISUAL ACUITY  
(31) 62/556,304 (32) 08.09.17 (33) US

(71) Swiss Reinsurance Company Ltd.  
(21) 2018229433 (22) 11.09.2018  
(54) System for the measurement and automated accumulation of diverging cyber risks, and corresponding method thereof  
(62) 2014388092

(71) Synergy Pharmaceuticals, Inc.  
(21) 2018226473 (22) 06.09.2018  
(54) Ultra-Pure Agonists Of Guanylate Cyclase C, Method Of Making And Using Same  
(62) 2014274812

**Systemx Corporation see Tokai University Educational System**  
(21) 2018229466

(71) TBI Innovations, LLC; Thornhill Research, Inc.  
(21) 2018229441 (22) 12.09.2018  
(54) Devices and systems to mitigate traumatic brain and other injuries caused by concussive or blast forces  
(62) 2015279773

(71) Technopak Limited  
(21) 2018229418 (22) 11.09.2018  
(54) Packaging  
(62) 2016222421

(71) Teewinot Technologies Limited  
(21) 2018228329 (22) 10.09.2018

(54) Biosynthesis of cannabinoids  
(62) 2014223458

(71) The Rockefeller University  
(21) 2018226488 (22) 07.09.2018  
(54) TREATMENT AND DIAGNOSIS OF MELANOMA  
(62) 2013302861

**The United States Government as Represented by the Department of Veterans Affairs see President and Fellows of Harvard College**  
(21) 2018226474

(71) Thomson Reuters Global Resources Unlimited Company  
(21) 2018229454 (22) 12.09.2018  
(54) METHOD AND SYSTEM FOR INTEGRATED PROFESSIONAL CONTINUING EDUCATION RELATED SERVICES  
(62) 2016222304

**Thornhill Research, Inc. see TBI Innovations, LLC**  
(21) 2018229441

(71) Titan Trailers Inc.  
(21) 2018229452 (22) 12.09.2018  
(54) Trailer sidewall construction  
(62) 2016231648

(71) TMA Corporation Pty Ltd  
(21) 2018229475 (22) 12.09.2018  
(54) Composite Termite Barrier  
(62) 2016201124

(71) Tokai University Educational System; Sysmex Corporation  
(21) 2018229466 (22) 12.09.2018  
(54) Method for determining tissue regeneration state of living body organs  
(31) 2017-176103 (32) 13.09.17 (33) JP

**Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
(21) 2018226475

(71) Tyco Fire & Security GmbH  
(21) 2018226504 (22) 07.09.2018  
(54) Chamberless smoke detector  
(31) 17190223.2 (32) 08.09.17 (33) EP

(71) Unico, Inc.  
(21) 2018226492 (22) 07.09.2018  
(54) POWER-LOSS RIDETHROUGH SYSTEM AND METHOD  
(31) 16/122,494 (32) 05.09.18 (33) US  
62/558,604 14.09.17 US

(71) Universitat de les Illes Balears  
(21) 2018229472 (22) 12.09.2018  
(54) Alpha-derivatives of cis-monounsaturated fatty acids intended for use as a drug  
(62) 2016228167

(71) Universitat de les Illes Balears  
(21) 2018229474 (22) 12.09.2018  
(54) Alpha-derivatives of cis-monounsaturated fatty acids intended for use as a drug  
(62) 2016228167

**University of Massachusetts see Smith & Nephew, Inc.**  
(21) 2018226486

(71) University of Notre Dame DU LAC  
(21) 2018227936 (22) 10.09.2018  
(54) Anti-Bacterial Siderophore-Aminopenicillin Conjugates  
(62) 2013386844

(71) University of Tennessee Research Foundation  
(21) 2018226470 (22) 06.09.2018  
(54) Compounds for treatment of cancer  
(62) 2014225761

**Virginia Electric and Power Company see Dominion Energy, Inc.**  
(21) 2018229444

(71) Weber-Stephen Products LLC  
(21) 2018226516 (22) 10.09.2018  
(54) Burner tube and venturi for gas grill  
(31) 15/701,542 (32) 12.09.17 (33) US

(71) Wright Medical Technology, Inc.  
(21) 2018229467 (22) 12.09.2018  
(54) Cartilage Removal Tool and Method  
(31) 16/059,190 (32) 09.08.18 (33) US

(71) Yiwu Jingkai Machinery Equipment Co., Ltd.  
(21) 2018226480 (22) 06.09.2018  
(54) A Biomedical Grinding Equipment  
(31) 2018100326254 (32) 12.01.18 (33) CN

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2018226458	Purple Innovation, LLC	2018229409	Optimedica Corporation
2018226459	AGIT GLOBAL IP HOLDINGS, LLC	2018229410	4D Pharma PLC
2018226468	Genea IP Holdings Pty Limited	2018229411	Mackedie, C.; Mackedie, B.
2018226469	Deutsches Krebsforschungszentrum	2018229412	Johnson & Johnson Surgical Vision, Inc.
2018226470	University of Tennessee Research Foundation	2018229413	SOLTEC ENERGIAS RENOVABLES S.L.
2018226471	Animas Corporation	2018229414	Fine, K.
2018226472	Pharmachemie B.V.	2018229415	Reckitt Benckiser Finish B.V.
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2018226474	President and Fellows of Harvard College; The United States Government as Represented by the Department of Veterans Affairs	2018229417	Qualcomm Incorporated
2018226475	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2018229418	Technopak Limited
2018226476	AbbVie Inc.	2018229419	Ferag AG
2018226477	Eng IP Pty Ltd	2018229420	Becton, Dickinson and Company
2018226478	Brien Holden Vision Diagnostics, Inc.	2018229421	Baxter International Inc.; Baxter Healthcare SA
2018226479	Ganalila, LLC	2018229422	Biogen MA Inc.
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2018226484	BIOCARBON ENGINEERING LTD.; FLETCHER, L.E.; RITCHIE, M.S.; GRAHAM, S.M.	2018229426	Oasis Diagnostics Corporation
2018226485	Janssen Sciences Ireland UC	2018229427	Northrop Grumman Systems Corporation
2018226486	Smith & Nephew, Inc.; University of Massachusetts Dynamics Inc.	2018229428	Komatsu Ltd.
2018226487	The Rockefeller University	2018229429	ELBIT SECURITY SYSTEMS LTD
2018226488	CASIO COMPUTER CO., LTD.	2018229430	IGT
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2018226499	Shanghai Aodian Hardware & Mechanism Co., Ltd	2018229439	AIUT SP. Z O. O.
2018226500	Everi Games, Inc	2018229440	Matinas BioPharma, Inc.
2018226501	Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.	2018229441	TBI Innovations, LLC; Thornhill Research, Inc.
2018226502	Joint Equity Developments Pty Ltd	2018229442	Becton, Dickinson and Company
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2018226504	Tyco Fire & Security GmbH	2018229444	Dominion Energy, Inc.; Virginia Electric and Power Company
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2018226506	Connected Group Australia Pty Ltd	2018229446	BTT Health GmbH
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2018226509	Lippert Components Inc.	2018229449	Janssen Pharmaceutica NV
2018226510	FERNO-WASHINGTON, INC.	2018229450	Canon Kabushiki Kaisha
2018226511	elliss, c.	2018229451	Centogene AG
2018226512	Staar Surgical Company	2018229452	Titan Trailers Inc.
2018226513	MBF S.p.A.	2018229453	Imtrade Australia Pty Ltd
2018226514	Mesoblast, Inc.	2018229454	Thomson Reuters Global Resources Unlimited Company
2018226516	Weber-Stephen Products LLC	2018229455	Novartis AG
2018226517	Mayo Foundation for Medical Education and Research	2018229456	ASSA ABLOY Australia Pty Limited
2018226518	Grubmueller Jr., W.	2018229457	BASF Plant Science Company GmbH
2018226519	Deere & Company	2018229458	Britax Römer Kindersicherheit GmbH
2018226520	Oexmann GmbH & Co. KG	2018229459	CFPH, LLC
2018226521	GlaxoSmithKline Biologicals SA	2018229460	NIPPON SUISAN KAISHA, LTD.
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2018228329	Teewinot Technologies Limited	2018229466	Tokai University Educational System; Sysmex Corporation
2018228501	St. Jude Children's Research Hospital	2018229467	Wright Medical Technology, Inc.
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2018229406	Apple Inc.	2018229470	Biosense Webster (Israel) Ltd.
2018229407	Cannarella, L.G.	2018229471	Mayo Foundation for Medical Education and Research
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2018229476 Colgate-Palmolive Company  
2018229477 Run Them Sweet, LLC  
2018229478 Matheny Enterprises, LLC  
2018229479 Jain Agriculture Services Australia Pty Ltd  
2018229480 Assa Abloy AB  
2018229481 SONG HONG FOOD.,JSC  
2018229482 Singapore Health Services Pte Ltd; National University of Singapore  
2018229483 Singapore Health Services Pte Ltd; National University of Singapore  
2018229484 Singapore Health Services Pte Ltd; National University of Singapore  
2018229485 Singapore Health Services Pte Ltd; National University of Singapore  
2018229486 Singapore Health Services Pte Ltd; National University of Singapore  
2018229487 Singapore Health Services Pte Ltd; National University of Singapore  
2018229488 Maria Beug-Deeb Inc. DBA T&M Associates  
2018229489 Sigma-Aldrich Co. LLC  
2018229491 Otis Elevator Company  
2018229492 Rohm and Haas Company  
2018229493 Kala Pharmaceuticals, Inc.  
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2018229498 GlaxoSmithKline Intellectual Property Development Limited  
2018229499 FMC Corporation  
2018232921 Rebound Therapeutics Corporation  
2018232922 Nuctech Company Limited  
2018232925 CNH Industrial America LLC

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Sep 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Apple Inc. (21) 2018101333 (22) 11.09.2018 (54) Optical image stabilization with voice coil motor for moving image sensor (62) PCT/US2017/021915</p> <hr/> <p>(71) Apple Inc. (21) 2018101337 (22) 12.09.2018 (54) Coupling structures for electronic device housings (62) PCT/US2017/041545</p> <hr/> <p>(71) Associated Celebrity Talent Application Pty Ltd (21) 2018101322 (22) 08.09.2018 (54) Systems and methods for real-time updating of at least one centrally viewable schedule (31) 2017903718 (32) 13.09.17 (33) AU</p> <hr/> <p>(71) bartolo, a.; Bartolo, M. (21) 2018101319 (22) 07.09.2018 (54) Eyewearclothing</p> <hr/> <p><b>Bartolo, M. see bartolo, a.</b> (21) 2018101319</p> <hr/> <p>(71) BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO., LTD. (21) 2018101325 (22) 10.09.2018 (54) SELF-HEATING ROLLING MATERIAL (31) 201721541552.9 (32) 17.11.17 (33) CN</p> <hr/> <p>(71) CHEN, K.; LIU, A.; LIU, L.; ZHAO, L.; DAI, Z. (21) 2018101314 (22) 07.09.2018 (54) A MCST and deep neural network based FIR battle platform</p> <hr/> <p><b>CHEN, G. see ZHANG, X.</b> (21) 2018101317</p> <hr/> <p><b>DAI, Z. see CHEN, K.</b> (21) 2018101314</p> <hr/> <p><b>DENG, J. see ZHOU, T.</b> (21) 2018101335</p> <hr/> <p>(71) FIRST FRONTIER PTY LTD (21) 2018101327 (22) 11.09.2018</p>	<p>(54) SYSTEM AND METHOD FOR PERFORMING AUTOMATED ANALYSIS OF AIR SAMPLES (62) PCT/AU2017/000227</p> <hr/> <p><b>HU, J. see ZHOU, T.</b> (21) 2018101335</p> <hr/> <p><b>HU, Y. see MA, R.</b> (21) 2018101336</p> <hr/> <p>(71) Jiangxi University of Finance and Economics (21) 2018101324 (22) 10.09.2018 (54) Study on unequal protection of image data in social media</p> <hr/> <p>(71) LEVO TECHNOLOGY PTY LTD (21) 2018101340 (22) 12.09.2018 (54) Robotic Property Conveyancing Service</p> <hr/> <p><b>LIN, Z. see MA, R.</b> (21) 2018101336</p> <hr/> <p><b>LIU, A. see CHEN, K.</b> (21) 2018101314</p> <hr/> <p><b>LIU, L. see CHEN, K.</b> (21) 2018101314</p> <hr/> <p><b>LIU, R. see LIU, X.</b> (21) 2018101315</p> <hr/> <p>(71) LIU, X.; YAO, K.; LU, Z.; LIU, R.; YE, Y.; ZHOU, J. (21) 2018101315 (22) 07.09.2018 (54) A Solution For Data Imbalance Classification Problem In Model Construction In Banking Industry</p> <hr/> <p><b>LU, Z. see LIU, X.</b> (21) 2018101315</p> <hr/> <p>(71) MA, R.; YANG, G.; LIN, Z.; HU, Y.; YAO, X.; WANG, D. (21) 2018101336 (22) 12.09.2018 (54) Building extraction application based on machine learning in Urban-Suburban-Integration Area</p>	<p>(71) Northeast, M. (21) 2018101334 (22) 12.09.2018 (54) Ladder Safe Leash. Is a length of 20mm webbing strap sewn with two cam-lock adjustable clips and with two of the innovative locking clip designed to anchor to roofing screws also with carabiners attached.</p> <hr/> <p>(71) Parks Industries Pty Ltd (21) 2018101338 (22) 12.09.2018 (54) METHOD AND SYSTEM FOR CHARGING A LIGHT TOWER (62) 2018100491</p> <hr/> <p>(71) PAUNIC, A. (21) 2018101321 (22) 07.09.2018 (54) NEW TECHNOLOGY, DESIGN, APPLICATION, OF SOLAR CELLS; FIRM, FLEXIBLE, WITH COLOR, WITH FREQUENCY CRYSTALS, NEW GEOGRAPHICAL USAGE OF SOLAR CELLS AND ALL RENEWABLES, USAGE IN ALL ELECTRICAL APPLICATIONS , IN ALL TRANSPORT MEANS -CARS, SHIPS, PLANES, TRAINS, ETC Addition to 2017101238 Patent</p> <hr/> <p>(71) Pummel Pty Ltd (21) 2018101318 (22) 07.09.2018 (54) HEALTH AND FITNESS PROFESSIONAL MATCHING SYSTEM (31) 2017903620 (32) 07.09.17 (33) AU</p> <hr/> <p>(71) Smart Sinks Pty Ltd (21) 2018101332 (22) 11.09.2018 (54) MOBILE SINK ASSEMBLY</p> <hr/> <p>(71) Snow, D. (21) 2018101323 (22) 09.09.2018 (54) MIXED MATERIALS ADJUSTABLE ANIMAL COLLAR WITH SLIDE-RELEASE BUCKLE AND CONCEALED HOOK AND LOOP SECURED ADJUSTMENT</p> <hr/> <p>(71) Southern Wire Pty Ltd (21) 2018101339 (22) 12.09.2018 (54) Exclusion Fence (31) 2017903710 (32) 12.09.17 (33) AU</p> <hr/> <p><b>Spence, D. see Spence, D.</b> (21) 2018101329</p> <hr/> <p>(71) Spence, D.; Spence, D. (21) 2018101329 (22) 11.09.2018</p>
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(54) Mixer for individualized personal care products manufacturing

(71) Su, C.  
(21) 2018101326 (22) 10.09.2018  
(54) Sex toy

(71) TAIZHOU ZHONGYI SANITARY WARE CO., LTD  
(21) 2018101316 (22) 07.09.2018  
(54) A quick detachable toilet seat  
(31) 201810482170.6 (32) 18.05.18 (33) CN

(71) Tse, T.; Zhang, Z.  
(21) 2018101328 (22) 11.09.2018  
(54) COMPOUND TRADITIONAL CHINESE MEDICINE COMPOSITION CONTAINING GYNOSTEMMA PENTAPHYLUM AND PREPARATION METHOD THEREOF  
(62) PCT/CN2016/106194

(71) Verco, S.  
(21) 2018101330 (22) 11.09.2018  
(54) Quick release spur strap

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(21) 2018101317

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(21) 2018101328

(71) ZHANG, X.; CHEN, G.; WANG, S.; YE, W.; WANG, K.; ZHENG, P.  
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(54) A Deep Learning Based System for Animal Species Classification

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(21) 2018101314

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(21) 2018101317

ZHENG, H. see ZHOU, T.  
(21) 2018101335

ZHOU, J. see LIU, X.  
(21) 2018101315

(71) ZHOU, T.; DENG, J.; HU, J.; ZHENG, H.; ZHANG, W.  
(21) 2018101335 (22) 12.09.2018  
(54) A sphere-based efficient detection method for smart home scenario

(71) Zhuhai Hermesin Enterprises CO.,LTD  
(21) 2018101320 (22) 07.09.2018  
(54) A Dehumidification Box



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<b>2018101314</b>	CHEN, K.; LIU, A.; LIU, L.; ZHAO, L.; DAI, Z.	<b>2018101326</b>	Su, C.
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<b>2018101317</b>	ZHANG, X.; CHEN, G.; WANG, S.; YE, W.; WANG, K.; ZHENG, P.	<b>2018101329</b>	Spence, D.; Spence, D.
<b>2018101318</b>	Pummel Pty Ltd	<b>2018101330</b>	Verco, S.
<b>2018101319</b>	bartolo, a.; Bartolo, M.	<b>2018101332</b>	Smart Sinks Pty Ltd
<b>2018101320</b>	Zhuhai Hermesin Enterprises CO.,LTD	<b>2018101333</b>	Apple Inc.
<b>2018101321</b>	PAUNIC, A.	<b>2018101334</b>	Northeast, M.
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		<b>2018101340</b>	LEVO TECHNOLOGY PTY LTD

**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
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1998083131 ( 14 )	1998083142 ( 14 )	1998083157 ( 14 )
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1999011427 ( 14 )	1999018573 ( 14 )	1999025497 ( 14 )
1999026354 ( 14 )	1999029660 ( 14 )	1999031430 ( 14 )
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2000020608 ( 14 )	2000028183 ( 14 )	2000029175 ( 14 )
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2001237122 ( 14 )	2001241901 ( 14 )	2001243396 ( 14 )
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 2013204609 ( 14 ) 2013206734 ( 14 ) 2013224185 ( 5C )  
 2013228116 ( 14 ) 2013230465 ( 14 ) 2013230499 ( 14 )  
 2013230503 ( 14 ) 2013242800 ( 5C ) 2013254374 ( 5C )  
 2013262620 ( 5C ) 2013262813 ( 5C ) 2013263308 ( 5C )  
 2013267043 ( 5C ) 2013329264 ( 5C ) 2013336581 ( 5C )  
 2013336828 ( 5C ) 2013340300 ( 5C ) 2013343045 ( 5C )  
 2013343111 ( 5C ) 2013357117 ( 5C ) 2013361193 ( 25D )  
 2013361605 ( 5C ) 2013371430 ( 5C ) 2013375296 ( 5C )  
 2013377948 ( 4C ) 2013379742 ( 14 ) 2013407374 ( 5C )

**2014**

2014100200 ( 22E ) 2014100205 ( 22E ) 2014200802 ( 5C )  
 2014201126 ( 4C ) 2014201146 ( 4C ) 2014201148 ( 4C )  
 2014201149 ( 4C ) 2014201192 ( 5C ) 2014201475 ( 5C )  
 2014202265 ( 5C ) 2014208206 ( 5C ) 2014210629 ( 5C )  
 2014216521 ( 5C ) 2014218492 ( 5C ) 2014223163 ( 5C )  
 2014224230 ( 4C ) 2014224782 ( 14 ) 2014225279 ( 4C )  
 2014226112 ( 4C ) 2014227095 ( 4C ) 2014228355 ( 14 )  
 2014232498 ( 5C ) 2014233593 ( 1B ) 2014233947 ( 5C )  
 2014237438 ( 5C ) 2014241840 ( 4C ) 2014241900 ( 4C )  
 2014241911 ( 4C ) 2014249256 ( 5C ) 2014255472 ( 25D )  
 2014257036 ( 5C ) 2014268121 ( 5C ) 2014268138 ( 14 )  
 2014268924 ( 5C ) 2014268925 ( 5C ) 2014274374 ( 5C )  
 2014280944 ( 1B ) 2014290774 ( 5C ) 2014299299 ( 5C )  
 2014315400 ( 25D ) 2014322810 ( 4B ) 2014324408 ( 1B )  
 2014324478 ( 1B ) 2014324536 ( 1B ) 2014325023 ( 1B )  
 2014326594 ( 1B ) 2014326747 ( 1B ) 2014327536 ( 25D )  
 2014331435 ( 1B ) 2014336946 ( 5C ) 2014337788 ( 5C )  
 2014342242 ( 5C ) 2014351424 ( 1B ) 2014356222 ( 5C )  
 2014363415 ( 1B ) 2014369074 ( 1B ) 2014378608 ( 1B )

**2015**

2015201624 ( 5C ) 2015205860 ( 14 ) 2015207901 ( 4C )  
 2015208442 ( 1B ) 2015208672 ( 1B ) 2015208796 ( 1B )  
 2015227032 ( 1B ) 2015231398 ( 1B ) 2015260086 ( 25D )  
 2015271561 ( 5C ) 2015271780 ( 5C ) 2015275341 ( 4C )  
 2015280785 ( 5C ) 2015295865 ( 5C ) 2015324515 ( 5C )  
 2015324986 ( 1B ) 2015338894 ( 1B ) 2015339513 ( 1B )  
 2015340747 ( 1B ) 2015340748 ( 1B ) 2015340749 ( 1B )  
 2015343055 ( 5C ) 2015360249 ( 1B ) 2015360250 ( 1B )  
 2015362068 ( 1B ) 2015363178 ( 5C ) 2015369876 ( 5C )

**2016**

2016100215 ( 22G ) 2016100227 ( 22E ) 2016100228 ( 22E )  
 2016100229 ( 22E ) 2016101819 ( 22E ) 2016200011 ( 5C )  
 2016201045 ( 4C ) 2016201887 ( 4C ) 2016203232 ( 5C )  
 2016203315 ( 4C ) 2016204555 ( 4C ) 2016206236 ( 5C )  
 2016206889 ( 25D ) 2016208334 ( 4C ) 2016208426 ( 5C )  
 2016210744 ( 4C ) 2016213860 ( 5C ) 2016216535 ( 5C )  
 2016216710 ( 4C ) 2016216732 ( 5C ) 2016222442 ( 5C )  
 2016222470 ( 5C ) 2016231563 ( 4C ) 2016231610 ( 5C )  
 2016238940 ( 5C ) 2016247153 ( 5C ) 2016247213 ( 5C )  
 2016250383 ( 5C ) 2016250503 ( 5C ) 2016253544 ( 5C )  
 2016253553 ( 5C ) 2016265988 ( 5C ) 2016266112 ( 5C )  
 2016269485 ( 5C ) 2016284626 ( 12A ) 2016388716 ( 5C )

**2017**

2017200132 ( 5C ) 2017200517 ( 5C ) 2017201825 ( 4C )

2017201913 ( 4C ) 2017202108 ( 5C ) 2017203941 ( 5C )  
 2017204162 ( 5C ) 2017210490 ( 5C ) 2017218951 ( 4C )  
 2017218952 ( 4C ) 2017903998 ( 12AN ) 2017904014 ( 12AN )

**2018**

2018100898 ( 18AN ) 2018100914 ( 18AN ) 2018100929 ( 18AN )  
 2018204499 ( 1B ) 2018204537 ( 1B ) 2018204542 ( 1B )  
 2018204549 ( 1B ) 2018204557 ( 1B ) 2018204628 ( 1B )  
 2018204688 ( 1B ) 2018204692 ( 1B ) 2018204714 ( 1B )  
 2018903347 ( 12AN )

**Assignments before Grant, Section 113**

**2013**

2013337677 Celgene Corporation; Washington University; Hruska, Keith; Sloan, Victor; Fang, Yifu The application has been assigned to **Celgene Corporation; Washington University**

**2014**

2014265791 Intelligent Bio-Systems, Inc. The application has been assigned to **Qiagen Sciences, LLC**

2014326794 Giner, Inc. The application has been assigned to **Giner Life Sciences, Inc.**

2014365126 Dublin Institute of Technology The application has been assigned to **Kastus Holdings DAC**

2014412634 Ewtech Investigacion, Desarrollo e Innovacion SpA The application has been assigned to **Proter S.A.; Ewtech Investigacion, Desarrollo e Innovacion SpA**

**2015**

2015255614 Lehner, Andrea The application has been assigned to **Andmetics Andrea Lehner Cosmetics GmbH**

**2016**

2016204772 Matter IP Pty Ltd The application has been assigned to **Solar Analytics Pty Ltd**

2016225791 Artec Group, Inc. The application has been assigned to **Artec Europe, S.a.r.l.**

2016265030 Access Innovations Pty Ltd The application has been assigned to **Access Innovations Global LP**

2016396166 Schueler, Luke; Schueler, Cody The application has been assigned to **Flying Squirrel Sports, LLC**

**2017**

2017200164 Geomembrane Technologies Inc. The application has been assigned to **Evoqua Water Technologies Canada Limited**

2017201062 KLK Ceilings Pty Ltd The application has been assigned to **Studco Australia Pty Ltd**

2017904109 THE UNIVERSITY OF WESTERN AUSTRALIA The application has been assigned to **OncoRes Medical Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2003**

2003200816 **Quantax Pty Ltd** An application to extend the time from 15 Oct 2017 to 15 Jun 2018 in which to pay a renewal fee has been filed . Address for service - Argon IP Pty Ltd 132 Cremorne St Richmond VIC 3121 AU

**2012**

2012216356 **Red Tractor Pty Ltd** An application to extend the time from 22 Aug 2016 to 22 Sep 2018 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012389957 **Caboni, M.** An application to extend the time from 28 Jun 2018 to 28 Oct 2018 in which to gain acceptance has been filed . Address for service - Michele Caboni Ashutosh Choudhary C/O KAnalysis Level 54 111 Eagle Street Brisbane QLD 6000 AU

**2013**

2013200923 **Bos Fabrication Engineering Services Pty Ltd** An application to extend the time from 19 Feb 2018 to 19 Sep 2018 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2013373659 **Dosatron International** An application to extend the time from 17 Dec 2017 to 17 Jul 2018 in which to pay a renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2016**

2016101769 **AECOM Australia Pty Ltd** An application to extend the time from 10 Dec 2017 to 10 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2017**

2017208271 **Hunter Douglas Inc.** An application to extend the time from 16 Feb 2018 to 16 Sep 2018 in which to pay a continuation fee has been filed . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

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

**2012**

2012205137 **Wangra Pty Ltd** The time in which to gain acceptance and pay the renewal fee has been extended to 04 Oct 2018 . Address for service - Wangra Pty Ltd PO Box 39 Mount Martha VIC 3934 AU

2012302257 **RCP Development, Inc.** The time in which to pay a renewal fee has been filed 12 May 2018 . Address for service - O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd PO Box 3294 Broadway Nedlands CRAWLEY WA 6009 AU

2012326651 **Camfil USA, Inc.** The time in which to gain acceptance has been extended to 27 Dec 2018 . Address for service - Davies Col-

**Extensions of Time, Section 223**

lison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2013**

2013308229 **Kind Consumer Limited** The time in which to pay a renewal fee has been extended to 23 May 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2017**

2017200584 **CoreLogic Solutions, LLC** The time in which to pay a renewal fee has been extended to 20 May 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017201899 **Board of Regents of the University of Texas System** The time in which to pay a continuation fee has been extended to 23 Apr 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017203594 **KATE SOMERVILLE SKINCARE, LLC.** The time in which to pay a continuation fee has been extended to 16 May 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018100347 **Natbrey Pty Ltd** The time in which to comply with a direction under Reg 3.2B has been extended to 27 Jun 2018 . Address for service - Natbrey Pty Ltd 268 Milperra Rd Milperra NSW 2214 AU

2018220052 **Aristocrat Technologies Australia Pty Limited** The time in which to claim the convention priority date has been extended to 09 Sep 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**Amendments**

**Applications for Amendment**

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

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

**1999**

1999059959 Antiparasitic formulations **Zoetis Services LLC** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2018 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

**2003**

2003273218 Methods for identifying tumors that are responsive to treatment with anti-ErbB2 antibodies **Genentech, Inc. ; F. Hoffmann - La Roche AG** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 06 Sep 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2006**

2006268651 Method for calibrating machines for the analysis of characteristic parameters of the blood connected to its density, such as erythrocyte sedimentation rate and/or red corpuscles aggregation rate **Alifax Holding S.P.A. ; Alifax S.R.L.** The nature of the amendment is: Delete patentee Alifax Holding S.P.A. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2009**

2009324174 Injection device with holding means to prevent unintentional movements of piston rod **Sanofi-Aventis Deutschland GmbH** The nature of the amendment is: Add inventor(s) Keitel, Joachim and Heald, Mike . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2013**

2013290438 Crystalline forms of the prolyl hydroxylase inhibitor [(4-hydroxy-1-methyl-7-phenoxy-isoquinoline-3-carbonyl)-amino]-acetic acid **FibroGen, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2013290438 Crystalline forms of the prolyl hydroxylase inhibitor [(4-hydroxy-1-methyl-7-phenoxy-isoquinoline-3-carbonyl)-amino]-acetic acid **FibroGen, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2014**

2014230836 Packaging system for oxygen-sensitive drugs **Fresenius Kabi Deutschland GmbH** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2018 . Address for service - Philips Ormonde Fitzpatrick 333 Collins St Melbourne VIC 3000 AU

2014261381 Protransduzin B, a gene transfer enhancer **Pharis Biotech GmbH** The nature of the amendment is: Add inventor Richter, Rudolf . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014307511 Crust data analysis method, crust data analysis program, and crust data analysis device **Japan Oil, Gas and Metals National Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2018 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2015**

2015200749 Methods and systems for drilling boreholes **Flanders Electric Motor Service, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015273431 Unmasking endotoxins in solution **Hyglos Invest GmbH** The nature of the amendment is as shown in the statement(s) filed 11 Sep 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**2016**

2016203502 GROUND ENGAGING TOOLS **Simco Mining Products and Services Pty Ltd** The nature of the amendment is

**Amendments**

as shown in the statement(s) filed 07 Aug 2018 . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2016225853 Methods and compositions related to thioesterase enzymes **REG Life Sciences, LLC** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016248421 Vehicle air-conditioning unit **DENSO CORPORATION** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2017**

2017101354 A mechanism to connect a second unpowered vehicle to a first powered vehicle for the purpose of towing the second vehicle over all types of terrain, and in particular, a coupling mechanism that is self locking at primary and secondary levels upon connection of first vehicle to the second vehicle. **Lovells Springs Pty Limited** The nature of the amendment is: Delete inventor Killen, Philip Walter and add inventor Crane, Simon . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017101718 Utility assembly and coupling mechanism **Keter Plastic Ltd.** The nature of the amendment is: Add inventor(s) Squiers, Grant T.; Hoppe, Christopher S. and Hyma, Steven W. . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2017201470 Targeted television advertising based on profiles linked to multiple online devices **Intent IQ, LLC** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017260871 Utility assembly and coupling mechanism **Keter Plastic Ltd.** The nature of the amendment is: Add inventor(s) Squiers, Grant T.; Hoppe, Christopher S.; and Hyma, Steven W. . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**Amendments Made**

**2010**

2010292983 **Russell Mineral Equipment Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 11 May 2018

**2011**

2011242540 **Johnson & Johnson Surgical Vision, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2018

**2012**

2012248112 **Song, L.** The nature of the amendment is as shown in the statement filed 22 May 2018

**2013**

2013232373 **Stokely-Van Camp, Inc.** The nature of the amendment is as shown in the statement filed 22 May 2018

2013279478 **K-fee System GmbH** The nature of the amendment is as shown in the statement filed 10 May 2018

**Amendments**

**2014**

2014201731 **ENGINEERING SOLUTIONS AUSTRALIA PTY LTD** The nature of the amendment is: Application is to proceed under the number 2014101644

2014227811 **Amyris, Inc.; Total Marketing Services** The nature of the amendment is as shown in the statement filed 13 Jun 2018

2014229179 **Devaraj, G.; Win, S.; Argenta Manufacturing Limited** The nature of the amendment is as shown in the statement filed 12 Jun 2018

2014292164 **BASF SE** The nature of the amendment is as shown in the statement filed 05 Jun 2018

2014317157 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2018

2014413360 **Hitachi, Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Jun 2018

**2015**

2015248303 **Nippon Steel & Sumitomo Metal Corporation** The nature of the amendment is as shown in the statement filed 04 Jun 2018

2015255411 **Jiangnan University** The nature of the amendment is: Amend the name of the inventor to read WU, Meiping; MIAO, Xiaojin; QIANG, Zhengrong; MIAO, Xingang and CHEN, Zhengxiong

2015320003 **Tseti, I.** The nature of the amendment is as shown in the statement filed 22 May 2018

2015382437 **Hewlett-Packard Development Company, L.P.** The nature of the amendment is as shown in the statement filed 24 Aug 2018

**2016**

2016204292 **Orthohelix Surgical Designs, Inc.** The nature of the amendment is as shown in the statement filed 25 May 2018

2016238950 **Deere & Company** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2018

2016241035 **Osaka University** The nature of the amendment is: Amend the invention title to read Immunizing peptide, method for producing immunizing peptide, pharmaceutical composition for immune disease containing same, and method for treating immune disease

2016323778 **Carbon Sink, Inc.** The nature of the amendment is as shown in the statement filed 04 Sep 2018

2016340167 **AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Allian, Aymen D.; Jayanth, Jayanth; Mohamed, Mohamed-Eslam F.; Mulhern, Mathew M.; NORDSTROM, Lars F.; Othman, Ahmed A.; Rozema, Michael J.; Bhagavatula, Lakshmi; Marroum, Patrick J.; Mayer, Peter T.; Sheikh, Ahmad Y. and Borhardt, Thomas B.

**Amendments**

2016343265 **Micro-X Limited** The nature of the amendment is: Amend the name of the inventor(s) to read Rowland, Peter; Byers, Richard; Skeats, Anthony and Yeap, Chin Eng

2016343267 **Micro-X Limited** The nature of the amendment is: Amend the name of the inventor(s) to read Rowland, Peter; Byers, Richard; Skeats, Anthony and Yeap, Chin Eng

**2017**

2017214762 **Thermasorb Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Aug 2018

2017219198 **Joline GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2018

2017228268 **Gree Electric Appliances, Inc. of Zhuhai** The nature of the amendment is: Amend the invention title to read Photovoltaic module, Integrated Photovoltaic/Photo-thermal module and Manufacturing Method thereof

2017229536 **Ocado Innovation Limited** The nature of the amendment is: Amend the name of the inventor to read Ingram-Tedd, Andrew John; Karolinczak, Pawel and Clancy, Tom

2017241413 **Toray Industries, Inc.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCERS

2017241474 **Dainihon Jochugiku Co., Ltd.** The nature of the amendment is: Amend the invention title to read FLYING INSECT PEST REPELLENT PRODUCT AND METHOD FOR REPELLING FLYING INSECT PEST

2017242170 **The Yokohama Rubber Co., Ltd.** The nature of the amendment is: Amend the invention title to read Fiber-reinforced layer for conveyor belt, and conveyor belt

2017247103 **University of Georgia Research Foundation, Inc.** The nature of the amendment is: Amend the name of the inventor to read Chu, Chung K.; Mulamootil, Varughese Alexander; Mishra, Ram C. and Singh, Uma Sharan

2017274379 **Signode Industrial Group LLC** The nature of the amendment is: Amend the invention title to read SHOCK ABSORBING FEED WHEEL ASSEMBLY

2017330796 **LG Chem, Ltd.** The nature of the amendment is: Amend the invention title to read ENERGY STORAGE SYSTEM AND FIRE CONTROL METHOD OF THE ENERGY STORAGE SYSTEM

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

**1999**

1999019661 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2000**

2000012680 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**Amendments**

2000059764 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2001**

2001021551 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2001274062 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2002**

2002219057 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002220655 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002325486 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002333837 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002340419 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2002346845 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002351809 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2002357997 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2003**

2003218752 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003227724 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003229647 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003248335 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003254577 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003271621 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2003288016 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**Amendments**

**2004**

2004236650 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2004236651 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2004236654 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2004262853 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2004294698 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2005**

2005220011 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2005259609 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2005269251 Innovation Shop Pty Ltd The name of the patentee has been altered to **AVID Business Pty Ltd**

2005293868 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2006**

2006215829 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2006215830 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2006252669 Liebert Corporation The name of the patentee has been altered to **Vertiv Corporation**

2006284993 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2006299270 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2006333406 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

**2007**

2007202390 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2007218013 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2007241122 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

**Amendments**

2007243386 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2007261586 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2007309015 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

**2008**

2008202834 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2008203030 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2008251647 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2008329895 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

**2009**

2009200862 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2009202609 Wyeth Holdings Corporation The name of the patentee has been altered to **Wyeth Holdings LLC**.

2009204165 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2009206484 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2009217468 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2009299776 Mantex IP The name of the patentee has been altered to **Mantex IP AB**

2009304235 Laboratorios Del Dr. Esteve, S.A. The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A.**

2009328392 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2010**

2010306114 Laboratorios Del Dr. Esteve, S.A. The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A.**

2010306168 Laboratorios Del Dr. Esteve, S.A. The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A.**

2010313504 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

**Amendments**

**2011**

2011201135 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2011201139 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2011209338 Mantex IP The name of the patentee has been altered to **Mantex IP AB**

2011212928 MEDIVATION TECHNOLOGIES, INC. The name of the patentee has been altered to **Medivation Technologies, LLC**

2011213584 MEDIVATION TECHNOLOGIES, INC. The name of the patentee has been altered to **Medivation Technologies, LLC**

2011243017 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2011254726 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2011254858 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2011260608 Laboratorios Del Dr. Esteve, S.A. The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A.**

2011269239 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2011304562 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2011347952 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2011348012 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

**2012**

2012200752 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2012201781 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2012201808 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2012240099 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2012244218 Wyeth Holdings Corporation The name of the patentee has been altered to **Wyeth Holdings LLC**.

2012281135 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**



**Amendments**

2012302130 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2012311832 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2012318298 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

**2013**

2013200095 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**

2013200107 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**

2013202228 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202229 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202351 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**

2013202355 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202717 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202751 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202772 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202797 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202800 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013202962 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013203553 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013204191 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013205223 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013205263 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

**Amendments**

2013246716 Britannia Operator Limited The name of the patentee has been altered to **ConocoPhillips (U.K.) Britannia Limited**

2013261968 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2013267345 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013279621 Mantex IP The name of the patentee has been altered to **Mantex IP AB**

2013313045 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2013376388 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2013402760 Mantex IP The name of the applicant has been altered to **Mantex IP AB**

**2014**

2014230861 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2014240371 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2014262221 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2014281496 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2014287429 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2014315269 Liebert Corporation The name of the applicant has been altered to **Vertiv Corporation**

2014334012 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2014334087 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**

2014368368 Laboratorios Del Dr. Esteve, S.A. The name of the applicant has been altered to **ESTEVE PHARMACEUTICALS, S.A.**

**2015**

2015101146 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**

2015213315 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2015246156 Wyeth Holdings Corporation The name of the patentee has been altered to **Wyeth Holdings LLC.**

**Amendments**

- 2015263494 Unilever PLC The name of the patentee has been altered to **Upfield Europe B.V.**
- 2015271248 Laboratorios Del Dr. Esteve, S.A. The name of the applicant has been altered to **ESTEVE PHARMACEUTICALS, S.A.**
- 2015301816 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2015308757 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2015414699 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015414967 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015416199 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015416530 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015417375 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015417850 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2015418506 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**

**2016**

- 2016200257 ESCO Corporation The name of the patentee has been altered to **ESCO Group LLC**
- 2016202743 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**
- 2016211383 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2016219005 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2016219013 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2016231542 Esco Corporation The name of the patentee has been altered to **ESCO Group LLC**
- 2016251909 Liebert Corporation The name of the applicant has been altered to **Vertiv Corporation**
- 2016253640 Esco Corporation The name of the applicant has been altered to **ESCO Group LLC**

**Amendments**

- 2016268918 Unilever PLC The name of the applicant has been altered to **Upfield Europe B.V.**
- 2016274787 Liebert Corporation The name of the applicant has been altered to **Vertiv Corporation**
- 2016330932 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2016343551 Laboratorios Del Dr. Esteve, S.A. The name of the applicant has been altered to **ESTEVE PHARMACEUTICALS, S.A.**
- 2016356488 Laboratorios Del Dr. Esteve, S.A. The name of the applicant has been altered to **ESTEVE PHARMACEUTICALS, S.A.**
- 2016356613 Unilever PLC The name of the applicant has been altered to **Upfield Europe B.V.**
- 2016356822 Unilever PLC The name of the applicant has been altered to **Upfield Europe B.V.**
- 2016356835 Unilever PLC The name of the applicant has been altered to **Upfield Europe B.V.**
- 2016357938 Unilever PLC The name of the applicant has been altered to **Upfield Europe B.V.**
- 2016374638 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**
- 2016387346 Liebert Corporation The name of the applicant has been altered to **Vertiv Corporation**
- 2016390015 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**

**2017**

- 2017200709 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017202334 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017203398 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017203399 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017203718 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017248454 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**
- 2017391883 ARMOR; Centre national de la recherche scientifique The name of the applicant has been altered to **Universite de Nantes; ARMOR; Centre national de la recherche scientifique**

**Amendments**

**2018**

2018101328 Tse, Theresa; Zhang, Zhao The name of the applicant has been altered to **Wang, S.; Tse, T.; Zhang, Z.**

2018201628 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201630 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201631 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201632 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201633 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201634 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201635 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201710 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201714 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201719 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201720 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201726 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201733 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018201735 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018203046 ESCO Corporation The name of the applicant has been altered to **ESCO Group LLC**

2018204362 Liebert Corporation The name of the applicant has been altered to **Vertiv Corporation**

2018206826 Medivation Technologies, Inc. The name of the applicant has been altered to **MEDIVATION TECHNOLOGIES, LLC**

**Amendments Made Under Section 105**

Court Order by the Federal Court of Victoria, VID795/2017  
 Australian Patent/Patent Application 2008268321 in the name of E. I. du Pont de Nemours and Company

**Amendments**

The amendments advertised in the Official Journal of Patents dated 09 Aug 2018 have been made in accordance with a Court Order 07 Sep 2018 .

Applications Open to Public Inspection

Name Index

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

<p>(71) 4D Pharma PLC                      (11) AU-A-2018229410                      (21) 2018229410 (22) 11.09.2018                      (54) Compositions comprising bacterial Blautia strains for treating visceral hy-persensitivity                      (51) Int. Cl.                      A61K 35/741 ( 2015.01 )                      A61K 9/00 ( 2006.01 )                      A61P 1/14 ( 2006.01 )                      A61P 29/00 ( 2006.01 )                      (43) 27.09.2018                      (62) 2017226831                      (72) Bernalier-Donadille, Annick; Crouzet, Laureen; Habouzit, Chloe                      (74) FB Rice Pty Ltd</p>	<p>(43) 27.09.2018                      (62) 2013254368                      (72) MACY, David P.; BOO, Leif Patrik; POPPENBERG, Rainer; PHILLIPS, Bryan R.                      (74) Griffith Hack</p>	<p>G06F 17/30 ( 2006.01 )                      G06Q 10/10 ( 2012.01 )                      G07B 5/00 ( 2006.01 )                      (31) 201741008620 (32) 13.03.17 (33) IN 15/645,440 10.07.17 US                      (43) 27.09.2018                      (72) SRIVASTAVA, Krupa; KOUSHIK, Vi-jayaraghavan; PRASAD, Rajendra T.; NATESAN, VijayChandar; PAP-PU, Rajesh; BAIKADY, Chetan Kumar; GOLDING, David; HIGGINS, Luke; WHINE, Leon; ZION, Raanan; SANK-ARARAMAN, Sunder; RANGARA-JAN, KrishnaKumar Dorai; SELVA-RAJ, Radhu; PARAMASIVAM, Lakshmi; NAGARAJAN, Udayakumar; NARAY-ANAN, Parvatha; ATHINARAYANAN, Chandrasekhar; VENUGOPAL, Senthil Kumar; RANGASWAMY, Srinivasan                      (74) Murray Trento &amp; Associates Pty Ltd</p>
<p>(71) 4D Pharma Research Limited                      (11) AU-A-2018226438                      (21) 2018226438 (22) 05.09.2018                      (54) Compositions comprising bacterial strains                      (51) Int. Cl.                      A61K 35/74 ( 2006.01 )                      A61P 29/00 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      (43) 27.09.2018                      (62) 2016358972                      (72) Mulder, Imke Elisabeth; Holt, Amy Beth; McCluskey, Seanin Marie; Lennon, Grainne Clare; Ahmed, Suaad                      (74) FB Rice Pty Ltd</p>	<p>(71) AbbVie Inc.                      (11) AU-A-2018226476                      (21) 2018226476 (22) 06.09.2018                      (54) Apoptosis-inducing agents for the treatment of cancer and immune and autoimmune diseases                      (51) Int. Cl.                      C07D 471/04 ( 2006.01 )                      A61K 31/437 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      (43) 27.09.2018                      (62) 2014242104                      (72) Tao, Zhi-Fu; Wang, Xilu; Wendt, Michael D.; Souers, Andrew J.; Judd, Andrew S.; Kunzer, Aaron; Sullivan, Ger-ard                      (74) Spruson &amp; Ferguson</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018201381                      (21) 2018201381 (22) 26.02.2018                      (54) ITEM REPLENISHMENT                      (51) Int. Cl.                      G06Q 10/08 ( 2012.01 )                      (31) 201741008657 (32) 13.03.17 (33) IN 15/600,390 19.05.17 US                      (43) 27.09.2018                      (72) SINGH, Paul Sundar; RAMANATHAN, Siva Kumar Raja; RAJENDRAN, Deepa                      (74) Murray Trento &amp; Associates Pty Ltd</p>
<p>(71) A.H. Beard Pty Ltd                      (11) AU-A-2018201678                      (21) 2018201678 (22) 08.03.2018                      (54) A mattress                      (51) Int. Cl.                      A47C 31/02 ( 2006.01 )                      A61B 5/00 ( 2006.01 )                      (31) 2017900863 (32) 13.03.17 (33) AU                      (43) 27.09.2018                      (72) Tyrrell, Brent; Westrop, Justin; Mata'afa, Jonathan; Middleton, Neville; Duhring, Tracy; Lajmanovski, Sasha                      (74) Spruson &amp; Ferguson</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018200523                      (21) 2018200523 (22) 23.01.2018                      (54) SMART ADVISORY FOR DISTRIB-UTED AND COMPOSITE TESTING TEAMS BASED ON PRODUCTION DATA AND ANALYTICS                      (51) Int. Cl.                      G06F 11/36 ( 2006.01 )                      (31) 201741008322 (32) 09.03.17 (33) IN                      (43) 27.09.2018                      (72) SINGI, Kapil; DUBEY, Alpana; KAUL-GUD, Vikrant                      (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018201691                      (21) 2018201691 (22) 08.03.2018                      (54) JOB ALLOCATION                      (51) Int. Cl.                      G06F 17/00 ( 2006.01 )                      (31) 62/470,052 (32) 10.03.17 (33) US                      (43) 27.09.2018                      (72) XIONG, Guanglei; LI, Chung-Sheng; COLE, Christopher; DEKSHENIEKS, Michael; MOHARRERI, Kayhan                      (74) Murray Trento &amp; Associates Pty Ltd</p>
<p>(71) ABB Schweiz AG                      (11) AU-A-2018226381                      (21) 2018226381 (22) 03.09.2018                      (54) Cyber security analyzer                      (51) Int. Cl.                      G06F 21/57 ( 2013.01 )                      G06F 21/40 ( 2013.01 )</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018200643                      (21) 2018200643 (22) 25.01.2018                      (54) SMART ADVISORY FOR DISTRIB-UTED AND COMPOSITE TESTING TEAMS BASED ON PRODUCTION DATA AND ANALYTICS                      (51) Int. Cl.                      G06F 9/44 ( 2018.01 )                      (31) 201741008323 (32) 09.03.17 (33) IN                      (43) 27.09.2018                      (72) SINGI, Kapil; DUBEY, Alpana; KAUL-GUD, Vikrant                      (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018226460                      (21) 2018226460 (22) 06.09.2018                      (54) RESOURCE VIRTUALIZATION                      (51) Int. Cl.                      G06F 15/00 ( 2006.01 )                      (43) 27.09.2018                      (62) 2017201108                      (72) KASS, Alex; MEHTA, Manish; DYER, Taurean                      (74) Murray Trento &amp; Associates Pty Ltd</p>
<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018201374                      (21) 2018201374 (22) 26.02.2018                      (54) AUTOMATED TICKET RESOLUTION                      (51) Int. Cl.</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018201374                      (21) 2018201374 (22) 26.02.2018                      (54) AUTOMATED TICKET RESOLUTION                      (51) Int. Cl.</p>	<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2018201374                      (21) 2018201374 (22) 26.02.2018                      (54) AUTOMATED TICKET RESOLUTION                      (51) Int. Cl.</p>

Applications Open to Public Inspection - Name Index cont'd

(71) Acergy France SAS  
 (11) AU-A-2018223048  
 (21) 2018223048 (22) 31.08.2018  
 (54) Method and apparatus for design of pipeline components  
 (51) Int. Cl.  
**G06F 17/50** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2013254374  
 (72) Lagache, Aurelien; Simon, Julien; Pollet, Anthony  
 (74) Allens Patent & Trade Mark Attorneys

(71) Amgen Inc.  
 (11) AU-A-2018226416  
 (21) 2018226416 (22) 04.09.2018  
 (54) Regulating Ornithine Metabolism to Manipulate the High Mannose Glycoform Content of Recombinant Proteins  
 (51) Int. Cl.  
**C12P 21/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 1/38** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2014376225  
 (72) Huang, Chung-Jr; Barkhordarian, Hedieh; Bondarenko, Pavel; Zhang, Zhongqi  
 (74) WRAYS PTY LTD

(71) Amsted Rail Company, Inc.  
 (11) AU-A-2018201609  
 (21) 2018201609 (22) 06.03.2018  
 (54) RAILWAY CAR TRUCK FRICTION SHOE  
 (51) Int. Cl.  
**B61F 5/12** ( 2006.01 )  
 (31) 15/453,489 (32) 08.03.17 (33) US  
 (43) 27.09.2018  
 (72) Coseglia, John  
 (74) Murray Trento & Associates Pty Ltd

(71) Amsted Rail Company, Inc.  
 (11) AU-A-2018201616  
 (21) 2018201616 (22) 06.03.2018  
 (54) RAILWAY CAR TRUCK FRICTION SHOE  
 (51) Int. Cl.  
**B61F 5/12** ( 2006.01 )  
 (31) 15/453,515 (32) 08.03.17 (33) AU  
 (43) 27.09.2018  
 (72) Coseglia, John  
 (74) Murray Trento & Associates Pty Ltd

(71) Amsted Rail Company, Inc.  
 (11) AU-A-2018201619  
 (21) 2018201619 (22) 06.03.2018  
 (54) RAILWAY CAR TRUCK FRICTION SHOE SPRING GROUP  
 (51) Int. Cl.  
**B61F 5/12** ( 2006.01 )  
 (31) 15/453,546 (32) 08.03.17 (33) US  
 (43) 27.09.2018  
 (72) Coseglia, John; Arkadyevich, Aleynikov Igor; Schorr, Ralph H.  
 (74) Murray Trento & Associates Pty Ltd

(71) Amsted Rail Company, Inc.  
 (11) AU-A-2018201620  
 (21) 2018201620 (22) 06.03.2018  
 (54) PASSIVE STEERING FOR A THREE PIECE RAILWAY TRUCK  
 (51) Int. Cl.  
**B61F 5/14** ( 2006.01 )  
 (31) 15/454,475 (32) 09.03.17 (33) US  
 (43) 27.09.2018  
 (72) Wike, Paul Steven  
 (74) Murray Trento & Associates Pty Ltd

(71) Animas Corporation  
 (11) AU-A-2018226471  
 (21) 2018226471 (22) 06.09.2018  
 (54) METHODS FOR SECURE COMMUNICATION AND PAIRING OF A MEDICAL INFUSION DEVICE AND A REMOTE CONTROLLER FOR SUCH MEDICAL DEVICE  
 (51) Int. Cl.  
**H04B 5/02** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2014328497  
 (72) BRUKALO, Krzysztof Z.; EBNER, Manfred; GETZ, Steven; HOHL, David; POHLMAN, David; HENDRIXSON, Charles; QUINLAN, John  
 (74) Spruson & Ferguson

(71) Apple Inc.  
 (11) AU-A-2018226440  
 (21) 2018226440 (22) 05.09.2018  
 (54) Data parallel computing on multiple processors  
 (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2016213890  
 (72) MUNSHI, Aaftab; SANDMEL, Jeremy  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2018229406  
 (21) 2018229406 (22) 10.09.2018  
 (54) Sending drawing data via contact list  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**H04M 1/725** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2018204025  
 (72) Anzures, Freddy Allen; Chaudhri, Imran; Dye, Alan C.; Ive, Jonathan P.; Kerr, Duncan Robert; King, Nicholas V.; Lynch, Kevin; Novick, Gregory; Preston, Daniel Trent; Jenkins, Monica; Yang, Lawrence Y.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018226385  
 (21) 2018226385 (22) 03.09.2018

(54) GAMING CABINET  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**G07F 11/00** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2016231610  
 (72) MCKAY, Linn Anthony; JADEJA, Rajendrasinh Banesinh; BIONDO, Dominic Steve; BARBOUR, Timothy Francis  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018226422  
 (21) 2018226422 (22) 05.09.2018  
 (54) A GAMING SYSTEM AND METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 13/54** ( 2014.01 )  
 (43) 27.09.2018  
 (62) 2016234965  
 (72) FREELE, Blake Timothy James  
 (74) Griffith Hack

(71) ArvinMeritor Technology, LLC  
 (11) AU-A-2018200609  
 (21) 2018200609 (22) 25.01.2018  
 (54) Axle assembly having a drive pinion and a bearing preload element  
 (51) Int. Cl.  
**F16C 25/08** ( 2006.01 )  
**B60B 35/16** ( 2006.01 )  
**B60B 35/18** ( 2006.01 )  
**B60K 17/16** ( 2006.01 )  
**F16C 3/02** ( 2006.01 )  
**F16C 19/38** ( 2006.01 )  
**F16H 48/00** ( 2012.01 )  
 (31) 15/455,369 (32) 10.03.17 (33) US  
 (43) 27.09.2018  
 (72) Chinitz, Steven; Eschenburg, Dale; Anigeri, Aniruddh P.  
 (74) Davies Collison Cave Pty Ltd

(71) Bag A Bucket Australia Pty Ltd  
 (11) AU-A-2018200840  
 (21) 2018200840 (22) 05.02.2018  
 (54) A Carrying Device and System Thereof  
 (51) Int. Cl.  
**A45F 5/10** ( 2006.01 )  
**B65D 33/06** ( 2006.01 )  
 (31) 2017904575 (32) 10.11.17 (33) AU  
 2017903840 21.09.17 AU  
 2017902768 14.07.17 AU  
 2017900872 13.03.17 AU  
 (43) 27.09.2018  
 (72) Moore, Kristan  
 (74) Alder IP Pty Ltd

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

(71) Baxter International Inc.; Baxter Healthcare SA  
 (11) AU-A-2018229421  
 (21) 2018229421 (22) 11.09.2018

Applications Open to Public Inspection - Name Index cont'd

(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  
 (62) 2017251871  
 (72) Minkus, Marc S.  
 (74) Peter Maxwell & Associates

(71) Becton, Dickinson and Company  
 (11) AU-A-2018229420  
 (21) 2018229420 (22) 11.09.2018  
 (54) Improved auto-stop vent plug  
 (51) Int. Cl.  
**A61M 5/38** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2016235085  
 (72) Staley, Shaun  
 (74) FB Rice Pty Ltd

(71) BIOCARBON ENGINEERING LTD.; FLETCHER, L.E.; RITCHIE, M.S.; GRAHAM, S.M.  
 (11) AU-A-2018226484  
 (21) 2018226484 (22) 07.09.2018  
 (54) TECHNIQUES FOR AUTOMATED PLANTING  
 (51) Int. Cl.  
**A01B 69/04** ( 2006.01 )  
**A01B 79/02** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2015320681  
 (72) FLETCHER, Lauren E.; RITCHIE, Matthew S.; GRAHAM, Susan M.; BIAN, Shunning  
 (74) Collison & Co

(71) Biomason, Inc.  
 (11) AU-A-2018226428  
 (21) 2018226428 (22) 05.09.2018  
 (54) COMPOSITIONS AND METHODS FOR DUST CONTROL AND THE MANUFACTURE OF CONSTRUCTION MATERIALS  
 (51) Int. Cl.  
**C04B 24/14** ( 2006.01 )  
**C04B 28/10** ( 2006.01 )  
**C09K 17/00** ( 2006.01 )  
 (43) 27.09.2018  
 (62) 2016228974  
 (72) Dosier, Ginger K.; Durham, Victoria M.; Hill, Thomas A.; Dosier, J. Michael; McAllister, Steven W.  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018201221  
 (21) 2018201221 (22) 20.02.2018

(54) 3-D ELECTROPHYSIOLOGY HEART SIMULATION SYSTEM AND RELATED METHODS  
 (51) Int. Cl.  
**A61B 5/0476** ( 2006.01 )  
 (31) 15/633,224 (32) 26.06.17 (33) US  
 62/468,283 07.03.17 US  
 (43) 27.09.2018  
 (72) Lu, Albert; Wu, Guoqiang; Lai, Weiguo  
 (74) Spruson & Ferguson

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018201222  
 (21) 2018201222 (22) 20.02.2018  
 (54) ELECTRODE ASSEMBLY HAVING SPINES WITH CONTROLLED FLEXIBILITY  
 (51) Int. Cl.  
**A61B 18/18** ( 2006.01 )  
 (31) 15/454,775 (32) 09.03.17 (33) US  
 (43) 27.09.2018  
 (72) Wu, Steven; Min, Sungwoo; Williams, Stuart; Borja, Marisa  
 (74) Spruson & Ferguson

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018201224  
 (21) 2018201224 (22) 20.02.2018  
 (54) LOW COST PLANAR SPRING FOR FORCE SENSOR  
 (51) Int. Cl.  
**A61B 5/103** ( 2006.01 )  
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 B01J 37/025 ( 2006.01 )  
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 A61K 9/06 (2006.01)  
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 F01K 11/02 (2006.01)  
 F01K 25/10 (2006.01)  
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 G07D 7/12 (2016.01)

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**(43)** 27.09.2018  
**(72)** MIMURA, Tomohiro  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** Griffiths, L.  
**(11)** AU-A-2017201644  
**(21)** 2017201644 **(22)** 09.03.2017  
**(54)** M clip. A connecting apparatus that locates detonating cord in close perpendicular proximity to wire or mesh.  
**(51)** Int. Cl.  
**E21D 9/00** ( 2006.01 )  
**B21F 11/00** ( 2006.01 )  
**E21D 11/14** ( 2006.01 )  
**F41C 27/20** ( 2006.01 )  
**(43)** 27.09.2018  
**(72)** Griffiths, Lyn Nigel  
**(74)** Lyn Nigel Griffiths

**Hamilton, G.M. see Hamilton, M.G.**  
**(21)** 2018201738

**(71)** Hamilton, M.G.; Diviney, T.N.; Hamilton, G.M.  
**(11)** AU-A-2018201738  
**(21)** 2018201738 **(22)** 09.03.2018  
**(54)** INFORMATION COMMUNICATION SYSTEMS  
**(51)** Int. Cl.  
**B61L 13/04** ( 2006.01 )  
**B61L 7/00** ( 2006.01 )  
**B61L 23/00** ( 2006.01 )  
**(31)** 2017900836 **(32)** 10.03.17 **(33)** AU  
**(43)** 27.09.2018  
**(72)** Hamilton, Michael George; Diviney, Timothy Noel; Hamilton, Gregory Michael  
**(74)** mdp Patent and Trade Mark Attorneys

**(71)** Heartflow, Inc.  
**(11)** AU-A-2018226375  
**(21)** 2018226375 **(22)** 03.09.2018  
**(54)** Method and system for patient-specific modeling of blood flow  
**(51)** Int. Cl.  
**G06F 19/00** ( 2006.01 )  
**(43)** 27.09.2018  
**(62)** 2017279633  
**(72)** Taylor, Charles A.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Heraeus Medical GmbH  
**(11)** AU-A-2018201469  
**(21)** 2018201469 **(22)** 28.02.2018  
**(54)** Two-part storage and mixing device for the production of a bone cement, and pertinent method  
**(51)** Int. Cl.

**A61B 17/88** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**B01F 13/00** ( 2006.01 )  
**B01F 15/02** ( 2006.01 )  
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**(43)** 27.09.2018  
**(72)** VOGT, Sebastian; KLUGE, Thomas  
**(74)** Spruson & Ferguson

**(71)** Hewlett-Packard Development Company, L.P.  
**(11)** AU-A-2018222920  
**(21)** 2018222920 **(22)** 28.08.2018  
**(54)** Printhead employing data packets including address data  
**(51)** Int. Cl.  
**B41J 29/38** ( 2006.01 )  
**B41J 2/07** ( 2006.01 )  
**(43)** 27.09.2018  
**(62)** 2015382437  
**(72)** BAKKER, Chris; MARTIN, Eric T.; GHOZEIL, Adam L.  
**(74)** FB Rice Pty Ltd

**(71)** Honda Motor Co., Ltd.  
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**(21)** 2018200526 **(22)** 23.01.2018  
**(54)** Oil filter structure for internal combustion engine  
**(51)** Int. Cl.  
**F01M 11/03** ( 2006.01 )  
**B01D 27/08** ( 2006.01 )  
**B01D 35/00** ( 2006.01 )  
**(31)** 2017-042356 **(32)** 07.03.17 **(33)** JP  
**(43)** 27.09.2018  
**(72)** ATO, Shinji; KUROSU, Reina; TANIDA, Norimasa  
**(74)** Spruson & Ferguson

**(71)** Hunter Douglas Inc.  
**(11)** AU-A-2018201593  
**(21)** 2018201593 **(22)** 06.03.2018  
**(54)** Battery pack for a motorized architectural structure covering  
**(51)** Int. Cl.  
**H01M 2/02** ( 2006.01 )  
**E06B 9/00** ( 2006.01 )  
**(31)** 62/469,308 **(32)** 09.03.17 **(33)** US  
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 62/590,804 27.11.17 US  
**(43)** 27.09.2018  
**(72)** Brace, Clark D.; Cooper, Charles Culver Gidden; Nelson, Todd Michael; Lorenz, Douglas; Thorne, Ian Bradley; Schiffner, Bryan Jeremy; Gitarts, Lilly; Zagone, Peter  
**(74)** Shelston IP Pty Ltd.

**(71)** Hurst, M.  
**(11)** AU-A-2018201324  
**(21)** 2018201324 **(22)** 23.02.2018  
**(54)** An insulation spacer assembly  
**(51)** Int. Cl.  
**E04D 13/16** ( 2006.01 )  
**(31)** 2017900821 **(32)** 09.03.17 **(33)** AU

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**(72)** Hurst, Mario  
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**(71)** ICU Medical, Inc.  
**(11)** AU-A-2018226455  
**(21)** 2018226455 **(22)** 06.09.2018  
**(54)** Medical connector  
**(51)** Int. Cl.  
**A61M 39/14** ( 2006.01 )  
**(43)** 27.09.2018  
**(62)** 2013342123  
**(72)** Nelson, David; Walker, Joseph K.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Illumina, Inc.  
**(11)** AU-A-2018201352  
**(21)** 2018201352 **(22)** 23.02.2018  
**(54)** Optical Distortion Correction For Imaged Samples  
**(51)** Int. Cl.  
**G06T 5/50** ( 2006.01 )  
**(31)** 62/468,347 **(32)** 07.03.17 **(33)** US  
 N2018852 05.05.17 NL  
**(43)** 27.09.2018  
**(72)** LANGLOIS, Robert; BELITZ, Paul  
**(74)** WRAYS PTY LTD

**(71)** Illumina, Inc.  
**(11)** AU-A-2018201388  
**(21)** 2018201388 **(22)** 26.02.2018  
**(54)** Laser Line Illuminator For High Throughput Sequencing  
**(51)** Int. Cl.  
**G01N 21/64** ( 2006.01 )  
**(31)** 62/468,883 **(32)** 08.03.17 **(33)** US  
 N2018855 05.05.17 NL  
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**(72)** SUN, Yinghua; HONG, Stanley S.; KRUMBUEGEL, Marco; NEWMAN, Peter; PRINCE, Simon; WATSON, Dakota; FENG, Wenyi; CARSON, Andrew James; ERIE, Frederick  
**(74)** WRAYS PTY LTD

**(71)** Illumina, Inc.  
**(11)** AU-A-2018201389  
**(21)** 2018201389 **(22)** 26.02.2018  
**(54)** Continuous Spherical Aberration Correction Tube Lens  
**(51)** Int. Cl.  
**G02B 7/02** ( 2006.01 )  
**G02B 21/00** ( 2006.01 )  
**(31)** 62/468,792 **(32)** 08.03.17 **(33)** US  
 N2018859 05.05.17 NL  
**(43)** 27.09.2018  
**(72)** WATSON, Dakota; PRINCE, Simon; NADORFF, Georg; VISCONTI, Anthony  
**(74)** WRAYS PTY LTD

**(71)** Illumina, Inc.  
**(11)** AU-A-2018201428  
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**(54)** Systems And Methods For Improved Focus Tracking Using A Hybrid Mode Light Source

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**G01N 21/00** ( 2006.01 )
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62/468,360 07.03.17 US
- (43) 27.09.2018
- (72) CONDELLO, Danilo; PRINCE, Simon;  
HARGIS, David; BENDICK, Jeffrey;  
SIGEL, Christophe
- (74) WRAYS PTY LTD
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(21) 2018201430 (22) 27.02.2018  
(54) Systems And Methods for Improved Focus Tracking Using Blocking Structures
- (51) Int. Cl.  
**G02B 6/122** ( 2006.01 )
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N2018854 05.05.17 NL
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- (72) CONDELLO, Danilo; PRINCE, Simon;  
HARGIS, David; O'SHAUHNESSY,  
John; BUTTERFIELD, William;  
BENDICK, Jeffrey; NEWMAN, Peter  
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- (71) Illumina, Inc.  
(11) AU-A-2018201627  
(21) 2018201627 (22) 06.03.2018  
(54) Systems And Methods For Improved Focus Tracking Using A Light Source Configuration
- (51) Int. Cl.  
**G02B 7/28** ( 2006.01 )
- (31) 62/468,353 (32) 07.03.17 (33) US  
N2018857 05.05.17 NL
- (43) 27.09.2018
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O'SHAUHNESSY, John; SIGEL,  
Christophe; ARIANPOUR, Ashkan
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(11) AU-A-2018226493  
(21) 2018226493 (22) 07.09.2018  
(54) Multiplexed single cell gene expression analysis using template switch and tagmentation
- (51) Int. Cl.  
**C12N 15/10** ( 2006.01 )
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(62) 2015253299
- (72) Kaper, Fiona; Fan, Jian-Bing; Salathia, Neeraj; Cann, Gordon M.; Jamshidi, Arash; Aravanis, Alex
- (74) FPA Patent Attorneys Pty Ltd
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- (71) IP Holdings, LLC; Stanley, J.  
(11) AU-A-2018226411  
(21) 2018226411 (22) 04.09.2018  
(54) Air cooled horticulture lighting fixture for a double ended high pressure sodium lamp
- (51) Int. Cl.  
**F21V 29/502** ( 2015.01 )  
**A01G 7/04** ( 2006.01 )
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(62) 2014290774
- (72) Stanley, John
- (74) Davies Collison Cave Pty Ltd
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- (71) IvWatch, LLC  
(11) AU-A-2018223015  
(21) 2018223015 (22) 31.08.2018  
(54) GEOMETRY OF A TRANSCUTANEOUS SENSOR
- (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )
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- (72) Warren, Gary P.; Alley, Matthew S.; Anchell, Scott J.; Naramore, William J.; Bonnema, Garret T.
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2018226485  
(21) 2018226485 (22) 07.09.2018  
(54) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of Hepatitis B
- (51) Int. Cl.  
**C07C 311/37** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/337** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
**A61K 31/351** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61K 31/426** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4453** ( 2006.01 )  
**A61K 31/4468** ( 2006.01 )  
**A61P 31/20** ( 2006.01 )  
**C07C 311/16** ( 2006.01 )  
**C07C 311/20** ( 2006.01 )  
**C07C 311/51** ( 2006.01 )  
**C07D 233/42** ( 2006.01 )  
**C07D 277/16** ( 2006.01 )  
**C07D 309/14** ( 2006.01 )
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- (74) Shelston IP Pty Ltd.
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(54) Valve Cusp Sizer
- (51) Int. Cl.  
**A61F 2/76** ( 2006.01 )  
**A61F 2/24** ( 2006.01 )
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- (72) OZAKI, Shigeyuki
- (74) A.P.T. Patent and Trade Mark Attorneys
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(21) 2018201675 (22) 08.03.2018  
(54) Method for affecting touch
- (51) Int. Cl.  
**A61K 8/92** ( 2006.01 )  
**A61K 8/30** ( 2006.01 )
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- (72) Garcia, Devin; Kaur, Simarna; Niko-lovski, Janeta; DeRidder, Louis
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(21) 2018201676 (22) 08.03.2018  
(54) Composition having reduced residue
- (51) Int. Cl.  
**A61K 8/37** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )
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62/469,666 10.03.17 US
- (43) 27.09.2018
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- (74) Shelston IP Pty Ltd.
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- (71) Johnson & Johnson Surgical Vision, Inc.  
(11) AU-A-2018229412  
(21) 2018229412 (22) 11.09.2018  
(54) System and method for providing pressurized infusion
- (51) Int. Cl.  
**A61M 3/02** ( 2006.01 )  
**A61F 9/007** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )
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(62) 2014228564
- (72) Steen, Mark; Lee, Fred; Gerg, James
- (74) FPA Patent Attorneys Pty Ltd
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- (51) Int. Cl.  
**C09F 9/00** ( 2006.01 )
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- (71) KABUSHIKI KAISHA TOSHIBA;  
Toshiba Infrastructure Systems & Solutions Corporation  
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 (51) Int. Cl.  
**G08G 1/04** ( 2006.01 )  
**G08G 1/048** ( 2006.01 )  
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 (21) 2018226452 (22) 06.09.2018  
 (54) Construction management system, construction management method and management device  
 (51) Int. Cl.  
**E02F 9/20** ( 2006.01 )  
**G01B 11/245** ( 2006.01 )  
**G01C 3/06** ( 2006.01 )  
**G01C 11/06** ( 2006.01 )  
**H04N 7/18** ( 2006.01 )  
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 (21) 2018226522 (22) 10.09.2018  
 (54) Juice extractor  
 (51) Int. Cl.  
**A47J 19/02** ( 2006.01 )  
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 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
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 (54) Dish washer  
 (51) Int. Cl.  
**A47L 15/22** ( 2006.01 )  
**A47L 15/42** ( 2006.01 )  
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 (72) Woo, Seyoung; Pyo, Joonho; Kim, Daegyung  
 (74) Davies Collison Cave Pty Ltd

(71) LG Fuel Cell Systems, Inc.  
 (11) AU-A-2018226467  
 (21) 2018226467 (22) 06.09.2018  
 (54) Fuel cell system configured to capture chromium  
 (51) Int. Cl.  
**H01M 8/12** ( 2006.01 )  
**H01M 8/00** ( 2006.01 )  
**H01M 8/02** ( 2006.01 )

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 (62) 2014227989  
 (72) Xing, Zhengliang; Liu, Zhien; Goettler, Richard W.  
 (74) Davies Collison Cave Pty Ltd

(71) Linde Aktiengesellschaft  
 (11) AU-A-2018201689  
 (21) 2018201689 (22) 08.03.2018  
 (54) A control system  
 (51) Int. Cl.  
**G08B 25/10** ( 2006.01 )  
**F17C 1/00** ( 2006.01 )  
**F17C 3/00** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
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 (51) Int. Cl.  
**C07K 14/405** ( 2006.01 )  
**C12P 7/64** ( 2006.01 )  
**C12R 1/89** ( 2006.01 )  
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 (62) 2014249256  
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 (74) Davies Collison Cave Pty Ltd

(71) MAAP House Pty Ltd  
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 (21) 2018201404 (22) 27.02.2018  
 (54) A building assembly  
 (51) Int. Cl.  
**E04B 1/02** ( 2006.01 )  
**E04C 2/00** ( 2006.01 )  
 (31) 2017900829 (32) 09.03.17 (33) AU  
 (43) 27.09.2018  
 (72) Reitsma, Daniel  
 (74) Spruson & Ferguson

(71) MannKind Corporation  
 (11) AU-A-2018226461  
 (21) 2018226461 (22) 06.09.2018  
 (54) A DRY POWDER INHALER AND SYSTEM FOR DRUG DELIVERY  
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**A61M 15/00** ( 2006.01 )  
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 (72) Smutney, Chad C.; Kinsey, P. Spencer; Sahi, Carl R.; Adamo, Benoit; Polidoro, John M.; Mclean, Scott; Overfield, Dennis; Bryant, Anthony; He, Tom; Mann, Alfred  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

Mascull, E.J. see Mascull, R.T.  
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 (54) A Postural Support Bracket  
 (51) Int. Cl.  
**A61G 5/10** ( 2006.01 )  
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 (62) 2014216761  
 (72) PATEL, Anil Raman; MASCULL, Graham John  
 (74) Catalyst Intellectual Property

(71) Mayo Foundation for Medical Education and Research  
 (11) AU-A-2018226517  
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 (54) CANCER TREATMENTS  
 (51) Int. Cl.  
**A61K 31/337** ( 2006.01 )  
**A61K 31/282** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
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 (62) 2013327638  
 (72) Markovic, Svetomir N.; Nevala, Wendy K.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Medos International Sarl  
 (11) AU-A-2018201448  
 (21) 2018201448 (22) 28.02.2018  
 (54) METHODS AND SYSTEMS FOR KNOTLESS SUTURE ANCHORING  
 (51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61F 2/08** ( 2006.01 )  
 (31) 15/458,007 (32) 13.03.17 (33) US  
 (43) 27.09.2018  
 (72) Gustafson, Adam; Miller, Gerome; Cleveland, Benjamin; Gabriel, Stefan  
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 (11) AU-A-2018201458  
 (21) 2018201458 (22) 28.02.2018  
 (54) METHODS AND DEVICES FOR KNOTLESS SUTURE ANCHORING  
 (51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
 (31) 15/458,012 (32) 13.03.17 (33) US  
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 (72) Gustafson, Adam; Gabriel, Stefan  
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 (11) AU-A-2018201460  
 (21) 2018201460 (22) 28.02.2018

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 (51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
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 (31) 15/458,018 (32) 13.03.17 (33) US  
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 (72) Gustafson, Adam; Gabriel, Stefan; Cleveland, Benjamin; Miller, Gerome; Sengun, Mehmet Z.; Rosen, Mollie; Piccirillo, Justin M.  
 (74) Spruson & Ferguson

(71) Mesoblast, Inc.  
 (11) AU-A-2018226514  
 (21) 2018226514 (22) 10.09.2018  
 (54) Methods of treating or preventing respiratory conditions  
 (51) Int. Cl.  
**A61P 11/00** ( 2006.01 )  
**A61K 35/28** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
**C12N 5/0789** ( 2010.01 )  
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 (74) FB Rice Pty Ltd

(71) MOORE, C.  
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 (54) Improved Phalloplasty Method  
 (51) Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**A61F 2/26** ( 2006.01 )  
**A61K 8/25** ( 2006.01 )  
**A61K 8/65** ( 2006.01 )  
**A61K 8/895** ( 2006.01 )  
**A61K 8/98** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/424** ( 2006.01 )  
**A61K 31/43** ( 2006.01 )  
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**A61K 31/545** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 31/721** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )  
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 (62) 2017201633  
 (72) MOORE, Colin Campbell Marshall  
 (74) Wallington-Dummer

Mukhopadhyay, D. see Cleverly, D.R.  
 (21) 2018226427

(71) Myriota Pty Ltd  
 (11) AU-A-2018226442  
 (21) 2018226442 (22) 05.09.2018  
 (54) ENHANCED AUTOMATIC IDENTIFICATION SYSTEM  
 (51) Int. Cl.  
**H03M 13/00** ( 2006.01 )  
**G06F 11/10** ( 2006.01 )

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 (62) 2014308554  
 (72) Grant, Alexander James; Lechner, Gottfried; Pollok, Andre; McWilliam, Robert George; Land, Ingmar Rudiger; Haley, David Victor Lawrie; Lavenant, Marc Pierre Denis  
 (74) Madderns Patent & Trade Mark Attorneys

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 (21) 2018226429

Nant Holdings IP, LLC see Nantomics, LLC  
 (21) 2018226429

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 (11) AU-A-2018226429  
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 (54) SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS  
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(71) Nortek Air Solutions Canada, Inc.  
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 (74) Lord & Company

(71) OASEN N.V.  
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 (74) AJ PARK

(71) Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.  
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 (74) WRAYS PTY LTD

(71) Optimedica Corporation  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Dry powder inhaler  
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(71) President and Fellows of Harvard Col-  
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 erans Affairs  
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 EERING LTD.  
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(71) Samsung Electronics Co., Ltd.  
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 (54) PORTABLE TERMINAL AND DISPLAY  
 METHOD THEREOF  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Shell Internationale Research Maatschappij B.V.  
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**G01V 1/28** ( 2006.01 )  
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**(74)** Spruson & Ferguson

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**(11)** AU-A-2018226395  
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**(54)** System and method for identifying a landmark  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61N 7/00** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Smith & Nephew, Inc.; University of Massachusetts  
**(11)** AU-A-2018226486  
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**(54)** Negative pressure wound closure device  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )

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**(74)** Griffith Hack

**(71)** Sony Corporation  
**(11)** AU-A-2018226482  
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**(54)** Utilizing multiple dimensions of commerce and streaming data to provide advanced user profiling and realtime commerce choices  
**(51)** Int. Cl.  
**H04N 21/00** ( 2011.01 )  
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**(72)** SHENKLER, Andrew M.  
**(74)** Griffith Hack

**(71)** SPR Therapeutics, Inc.  
**(11)** AU-A-2018226456  
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**A61N 1/34** ( 2006.01 )  
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**(72)** Boggs, Joseph W.; Zang, Rosemary  
**(74)** Peter Maxwell & Associates

**(71)** St. Jude Children's Research Hospital  
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**(54)** Therapies based on control of regulatory T cell stability and function via a Neuropilin-1:Semaphorin axis  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.

**Stanley, J. see IP Holdings, LLC**  
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**(71)** Stryker Corporation  
**(11)** AU-A-2018201287  
**(21)** 2018201287 **(22)** 22.02.2018  
**(54)** MEDICAL MULTI-LINK BOOM  
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**A61B 90/50** ( 2016.01 )  
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David P.; Alexanderson, James K.; Jacques II, William Lowell; Halcom, Lancer Drake  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Sungrow Power Supply Co., Ltd.  
**(11)** AU-A-2018201471  
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**H02J 7/00** ( 2006.01 )  
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**(71)** Superior Engineering (QLD) Pty Ltd  
**(11)** AU-A-2018211225  
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**(51)** Int. Cl.  
**B60K 17/16** ( 2006.01 )  
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**(72)** Heick, Gregory John  
**(74)** Spruson & Ferguson

**(71)** Synergy Pharmaceuticals, Inc.  
**(11)** AU-A-2018226473  
**(21)** 2018226473 **(22)** 06.09.2018  
**(54)** Ultra-Pure Agonists Of Guanylate Cyclase C, Method Of Making And Using Same  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**C07K 1/00** ( 2006.01 )  
**C07K 14/81** ( 2006.01 )  
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**(74)** Spruson & Ferguson

**(71)** Tata Consultancy Services Limited  
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**(54)** METHOD AND SYSTEM FOR MAPPING ATTRIBUTES OF ENTITIES  
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**G06F 17/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12P 17/06** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
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**(74)** Knightsbridge Patent Attorneys

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**G08G 5/00** ( 2006.01 )  
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**(74)** Spruson & Ferguson

**(71)** THE LUBRIZOL CORPORATION  
**(11)** AU-A-2018223045  
**(21)** 2018223045 **(22)** 31.08.2018  
**(54)** QUATERNARY AMMONIUM AMIDE AND/OR ESTER SALTS  
**(51)** Int. Cl.  
**C10L 1/224** ( 2006.01 )  
**C10L 1/222** ( 2006.01 )  
**C10L 1/238** ( 2006.01 )  
**C10L 10/18** ( 2006.01 )  
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**(72)** STEVENSON, Paul R.; RAY, James C.; MORETON, David J.; BUSH, James H.  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Thermo Gamma-Metrics Pty Ltd  
**(11)** AU-A-2018226434  
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**(54)** XRF detector and source calibration apparatus  
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**G01N 23/223** ( 2006.01 )  
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**(71)** The Rockefeller University  
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**(54)** TREATMENT AND DIAGNOSIS OF MELANOMA  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
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**(74)** Peter Maxwell & Associates

**The United States Government as Represented by the Department of Veterans Affairs see President and Fellows of Harvard College**  
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**(54)** Torsional vibration damping device  
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**F16F 15/131** ( 2006.01 )  
**F16F 15/12** ( 2006.01 )  
**F16F 15/14** ( 2006.01 )  
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**F16H 57/028** ( 2012.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Trustees of Tufts College  
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**(51)** Int. Cl.  
**A61K 47/42** ( 2006.01 )  
**A61J 1/00** ( 2006.01 )  
**A61K 35/76** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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**A61M 5/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
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**(72)** Kaplan, David L.; Omenetto, Fiorenzo  
**(74)** Pizzey Patent and Trade Mark Attorneys Pty Ltd

**(71)** Universitat Zurich  
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**(54)** Tissue graft  
**(51)** Int. Cl.  
**A61L 27/22** ( 2006.01 )  
**A61L 27/24** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/50** ( 2006.01 )  
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**(74)** James & Wells Intellectual Property

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**(21)** 2018226486

**(71)** University of Notre Dame DU LAC  
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**(54)** Anti-Bacterial Siderophore-Aminopenicillin Conjugates  
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**C07D 499/21** ( 2006.01 )  
**A61K 31/43** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
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**(74)** WRAYS PTY LTD

**(71)** University of Tennessee Research Foundation  
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**(21)** 2018226470 **(22)** 06.09.2018  
**(54)** Compounds for treatment of cancer  
**(51)** Int. Cl.  
**A01N 43/50** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
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**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Vertex Pharmaceuticals Incorporated  
**(11)** AU-A-2018226453  
**(21)** 2018226453 **(22)** 06.09.2018  
**(54)** Pharmaceutical Compositions and Administrations Thereof  
**(51)** Int. Cl.  
**A61K 31/4704** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**(43)** 27.09.2018  
**(62)** 2016259327  
**(72)** Alargova, Rossitza Gueorguieva; Alcacio, Tim Edward; Johnston, Steven C.; Van Goor, Fredrick F.; Keshavarz-Shokri, Ali; Lee, Elaine Chung-



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min; Medek, Ales; Sullivan, Mark Jeffrey; Zaman, Noreen Tasneem; Zhang, Beili; Zhang, Yuegang; Zlokarnik, Gregor; Arekar, Sneha G.; Kadiyala, Irina Nikolaevna; Mudunuri, Praveen; Krawiec, Mariusz

(74) AJ PARK

(71) W. L. Gore & Associates, Inc.

(11) AU-A-2018226388

(21) 2018226388 (22) 03.09.2018

(54) Devices and systems for thrombus treatment

(51) Int. Cl.

**A61B 17/3207** ( 2006.01 )

(43) 27.09.2018

(62) 2017200517

(72) CULLY, Edward H.; FRIEDMAN, Nathan L.; ZACHARIAS, Eric H.

(74) Griffith Hack

(71) WOWWEE GROUP LTD.

(11) AU-A-2018201656

(21) 2018201656 (22) 07.03.2018

(54) Rotating ball-in-a-maze puzzle game

(51) Int. Cl.

**A63F 7/04** ( 2006.01 )

(31) 62/638,318 (32) 05.03.18 (33) US  
62/468,393 08.03.17 US

(43) 27.09.2018

(72) ARONSON, Dan; SUFER, Davin; FAIRLESS, Adam; LEMIRE, Anthony

(74) AJ PARK

(71) Yiwu Manwang Machinery Equipment Co. LTD

(11) AU-A-2018226419

(21) 2018226419 (22) 04.09.2018

(54) A Biomass Fuel Processing Device

(51) Int. Cl.

**B02C 4/08** ( 2006.01 )

**B02C 19/20** ( 2006.01 )

(31) 201810030945 .6 (32) 12.01.18 (33) CN

(43) 27.09.2018

(72) Lou, Tianya

(74) Yiwu Manwang Machinery Equipment Co. LTD

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2017314293	Jubilant Generics Limited (formerly a division of Jubilant Life Sciences Limited)	2018223020	Profusa, Inc.
2018200257	The Boeing Company	2018223026	Mascull, R.T.; Mascull, E.J.
2018200322	Casio Computer Co., Ltd.	2018223043	Samsung Electronics Co., Ltd.
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2018200526	Honda Motor Co., Ltd.	2018223045	THE LUBRIZOL CORPORATION
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2018200643	Accenture Global Solutions Limited	2018223047	Ferring B.V.
2018200840	Bag A Bucket Australia Pty Ltd	2018223048	Acergy France SAS
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2018200863	Covidien LP	2018226374	Depuy Synthes Products, LLC
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2018201213	Caterpillar Inc.	2018226377	Trustees of Tufts College
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2018201226	Biosense Webster (Israel) Ltd.	2018226385	Aristocrat Technologies Australia Pty Limited
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2018201374	Accenture Global Solutions Limited	2018226413	Lumen Bioscience, Inc.
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2018201388	Illumina, Inc.	2018226416	Amgen Inc.
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2018201452	Biosense Webster (Israel) Ltd.	2018226428	Biomason, Inc.
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2018201708	Tata Consultancy Services Limited	2018226467	LG Fuel Cell Systems, Inc.
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2018203714	MOORE, C.	2018226474	President and Fellows of Harvard College; The United States Government as Represented by the Department of Veterans Affairs
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**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters  
 . (\*\*) Title not given  
 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(71) Advanced Metal Roofing Solutions Pty Ltd  
 (11) AU-A-2018101085  
 (21) 2018101085 (22) 06.08.2018  
 (54) ROOFING SYSTEM AND BRACKET THEREOF  
 (51) Int. Cl.  
**E04D 13/072** ( 2006.01 )  
 (45) 27.09.2018  
 (72) Morrell, Sean  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

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(71) ALGIE, R.  
 (11) AU-A-2018101020  
 (21) 2018101020 (22) 30.07.2018  
 (54) RECYCLED POWER GENERATION  
 (51) Int. Cl.  
**H02N 11/00** ( 2006.01 )  
**H02K 53/00** ( 2006.01 )  
 (45) 27.09.2018  
 (72) ALGIE, ROBERT JOHN  
 (74) ROBERT JOHN ALGIE

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(71) Altech Chemicals Australia Pty Ltd  
 (11) AU-A-2018101228  
 (21) 2018101228 (22) 24.08.2018  
 (54) A METHOD FOR THE PREPARATION OF ALUMINA  
 (51) Int. Cl.  
**C22B 3/10** ( 2006.01 )  
**C01F 7/02** ( 2006.01 )  
**C22B 3/20** ( 2006.01 )  
 (31) 2017903868 (32) 22.09.17 (33) AU  
 (45) 27.09.2018  
 (72) Liu, Jingyuan; Tan, Ignatius Kim Seng  
 (74) WRAYS PTY LTD

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(71) Amiad Water Systems Ltd.  
 (11) AU-A-2018101253  
 (21) 2018101253 (22) 28.08.2018  
 (54) Multi-screen self-cleaning mechanism  
 (51) Int. Cl.  
**B01D 29/62** ( 2006.01 )  
 (45) 27.09.2018  
 (72) Zendel, Alex; Atias, Kfir; Ben-Horin, Ra'anan  
 (74) Shelston IP Pty Ltd.

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(71) Amiad Water Systems Ltd.  
 (11) AU-A-2018101254  
 (21) 2018101254 (22) 28.08.2018  
 (54) Versatile-connectability filter housing and system  
 (51) Int. Cl.  
**B01D 46/00** ( 2006.01 )  
**B01D 25/00** ( 2006.01 )

**F16K 27/00** ( 2006.01 )  
**F16L 21/06** ( 2006.01 )  
 (45) 27.09.2018  
 (72) Slavinsky, Alexey; Atias, Kfir; Ben-Horin, Ra'anan  
 (74) Shelston IP Pty Ltd.

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(71) Amphibian Holdings Pty Ltd  
 (11) AU-A-2018101202  
 (21) 2018101202 (22) 20.08.2018  
 (54) A DEVICE CONFIGURED TO ENABLE HANGING OF PACKAGED ITEMS  
 (51) Int. Cl.  
**B65D 25/22** ( 2006.01 )  
**B65D 5/46** ( 2006.01 )  
 (45) 27.09.2018  
 (72) Kratzer, Oliver  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(71) Apple Inc.  
 (11) AU-A-2018101226  
 (21) 2018101226 (22) 24.08.2018  
 (54) Systems, methods, and graphical user interfaces for interacting with augmented and virtual reality environments  
 (51) Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**G02B 27/01** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**H04N 13/10** ( 2018.01 )  
 (31) 62/564,984 (32) 28.09.17 (33) US  
 62/553,063 31.08.17 US  
 (45) 27.09.2018  
 (72) HAUENSTEIN, Mark K.; MALIA, Joseph A.; MISSIG, Julian; KRENN, Matthaeus; GIRLING, Lukas Robert Tom; HOFFNUNG, Amir; STAUBER, Matan; BERNSTEIN, Jeffrey T.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018101229  
 (21) 2018101229 (22) 24.08.2018  
 (54) Conducting transactions using electronic devices with non-native credentials  
 (51) Int. Cl.  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
 (45) 27.09.2018  
 (62) PCT/US2017/014965  
 (72) DICKER, George R.; SHEARER, Nicholas J.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018101238  
 (21) 2018101238 (22) 27.08.2018

(54) Coatings for transparent substrates in electronic devices  
 (51) Int. Cl.  
**G02B 5/20** ( 2006.01 )  
**G02F 1/01** ( 2006.01 )  
 (31) 62/556,243 (32) 08.09.17 (33) US  
 15/900,575 20.02.18 US  
 (45) 27.09.2018  
 (72) Nguyen, Que Anh S.; Prest, Christopher D.; Akana, Jody R.; Giachino, Marta M.; Rogers, Matthew S.; Lyngnes, Ove  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018101245  
 (21) 2018101245 (22) 27.08.2018  
 (54) Situationally-aware alerts  
 (51) Int. Cl.  
**H04M 1/725** ( 2006.01 )  
**H04M 19/04** ( 2006.01 )  
 (45) 27.09.2018  
 (62) PCT/US2017/020444  
 (72) MILLER, Thayne M.; PHAM, Hung A.; MORRELL, John B.; GLEESON, Brian T.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Bampton, C.  
 (11) AU-A-2018101239  
 (21) 2018101239 (22) 27.08.2018  
 (54) Horse Therapy Boots and Pads that are all natural filling and biodegradable for hot or cold use  
 (51) Int. Cl.  
**A61D 9/00** ( 2006.01 )  
**A01K 29/00** ( 2006.01 )  
 (45) 27.09.2018  
 (72) Bampton, Claire  
 (74) Claire Bampton

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(71) Bend-tech Investments 1 Pty Ltd  
 (11) AU-A-2018101227  
 (21) 2018101227 (22) 24.08.2018  
 (54) Emergency Access Ladder  
 (51) Int. Cl.  
**E06C 5/24** ( 2006.01 )  
 (31) 2018903008 (32) 16.08.18 (33) AU  
 (45) 27.09.2018  
 (72) Lapchev, Maria  
 (74) Armour IP

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(71) BISSELL HomeCare, Inc.  
 (11) AU-A-2018101242  
 (21) 2018101242 (22) 27.08.2018  
 (54) Vacuum cleaner  
 (51) Int. Cl.  
**A47L 9/10** ( 2006.01 )  
 (31) 62/556,618 (32) 11.09.17 (33) US

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 (72) KREBS, Alan J.; ANKNEY, Thomas K.  
 (74) Griffith Hack

(71) Brooks, S.; Buono, J.C.  
 (11) AU-A-2018101240  
 (21) 2018101240 (22) 27.08.2018  
 (54) Solar Plant Structures - Improved and Multi-Functional Solar Panels Support Structure  
 (51) Int. Cl.  
*F24S 23/70* ( 2018.01 )  
*F24S 80/52* ( 2018.01 )

(45) 27.09.2018  
 (72) Buono, Juan C.  
 (74) Shireen A Brooks

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 (21) 2018101240

**Choi, H.K. see Hossain, K.**  
 (21) 2018101236

**Cirus, N. see Cirus, R.**  
 (21) 2018101230

(71) Cirus, R.; Nyiri, A.; Cirus, N.  
 (11) AU-A-2018101230  
 (21) 2018101230 (22) 24.08.2018  
 (54) Aerodynamic Regulation of Airscrew-, Fan- and Wind Turbine Blades with Bores and/or Cutting and/or Notching  
 (51) Int. Cl.  
*F04D 29/38* ( 2006.01 )  
*F01D 5/14* ( 2006.01 )  
*F03D 1/06* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Cirus, Róbert; Nyiri, Attila; Cirus, Norbert  
 (74) Róbert Cirus

**Dixon, R. see Napaver, T.**  
 (21) 2018101217

(71) DOCTORS' OWN BRAND PTY LIMITED  
 (11) AU-A-2018101232  
 (21) 2018101232 (22) 25.08.2018  
 (54) The Study Drink™ is a novel beverage consisting of a combination of minerals (Iodine, Zinc and Iron) in a formula of specific concentration levels that support healthy brain function, cognition, concentration and focus.  
 (51) Int. Cl.  
*A23L 33/16* ( 2016.01 )  
*A23L 33/15* ( 2016.01 )  
 (45) 27.09.2018  
 (72) Becvarovski, Zoran  
 (74) DOCTORS' OWN BRAND PTY LIMITED

(71) Dumbaugh, G.  
 (11) AU-A-2018101246  
 (21) 2018101246 (22) 28.08.2018  
 (54) VIBRATING SCREENING FEEDER AND METHOD OF USE  
 (51) Int. Cl.  
*B65G 27/32* ( 2006.01 )  
 (45) 27.09.2018  
 (62) 2016289709  
 (72) Dumbaugh, George D.  
 (74) Phillips Ormonde Fitzpatrick

(71) Durie, S.  
 (11) AU-A-2018101237  
 (21) 2018101237 (22) 26.08.2018  
 (54) Illuminated L or P plates designed to help identify inexperienced drivers to other road users during inclement weather or night driving  
 (51) Int. Cl.  
*B60R 13/10* ( 2006.01 )  
*B60Q 1/56* ( 2006.01 )  
*G09G 3/00* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Durie, Stephen  
 (74) Stephen Durie

(71) Eyewear From Barcelona, S.L.  
 (11) AU-A-2018101241  
 (21) 2018101241 (22) 27.08.2018  
 (54) Flexible temple for spectacles  
 (51) Int. Cl.  
*G02C 5/14* ( 2006.01 )  
*B29D 12/02* ( 2006.01 )  
*G02C 5/08* ( 2006.01 )  
*G02C 5/16* ( 2006.01 )  
 (45) 27.09.2018  
 (62) 2014211287  
 (72) Cabre Ozores, Alejandro  
 (74) Ellis Terry

(71) Gunzburg, S.  
 (11) AU-A-2018101231  
 (21) 2018101231 (22) 24.08.2018  
 (54) METHODS TO CREATE A DOUBLE NANOEMULSION FOR TRANSDERMAL DELIVERY OF HYDROPHILIC AND HYDROPHOBIC PHYTO-CHEMICAL ACTIVE INGREDIENTS.  
 (51) Int. Cl.  
*A61K 9/113* ( 2006.01 )  
*A61K 36/00* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Gunzburg, Stuart  
 (74) Stuart Gunzburg

(71) Hangzhou Shanshuo Technology Co., Ltd  
 (11) AU-A-2018101248  
 (21) 2018101248 (22) 28.08.2018  
 (54) INTELLIGENT DRYER  
 (51) Int. Cl.  
*F26B 3/347* ( 2006.01 )  
*F26B 9/06* ( 2006.01 )

(45) 27.09.2018  
 (72) Ye, Xiaobo  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Hangzhou Shanshuo Technology Co., Ltd  
 (11) AU-A-2018101249  
 (21) 2018101249 (22) 28.08.2018  
 (54) SMART HUMIDIFIER  
 (51) Int. Cl.  
*F24F 6/02* ( 2006.01 )  
*F24F 13/00* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Ye, Xiaobo  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Hangzhou Shanshuo Technology Co., Ltd  
 (11) AU-A-2018101250  
 (21) 2018101250 (22) 28.08.2018  
 (54) SMART NOODLE MAKING MACHINE  
 (51) Int. Cl.  
*A21C 11/18* ( 2006.01 )  
*A21C 11/20* ( 2006.01 )  
*A23L 7/113* ( 2016.01 )  
 (45) 27.09.2018  
 (72) Ye, Xiaobo  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Hangzhou Shanshuo Technology Co., Ltd  
 (11) AU-A-2018101252  
 (21) 2018101252 (22) 28.08.2018  
 (54) FOOT BATH  
 (51) Int. Cl.  
*A47K 3/022* ( 2006.01 )  
*A61H 9/00* ( 2006.01 )  
*A61H 15/00* ( 2006.01 )  
*A61H 35/00* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Ye, Xiaobo  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Hossain, K.; Subedi, R.; Choi, H.K.  
 (11) AU-A-2018101236  
 (21) 2018101236 (22) 25.08.2018  
 (54) TRANSDERMAL DELIVERY OF LIDOCAINE PRILOCAINE MIXTURE FROM CATAPLASM MATRIX  
 (51) Int. Cl.  
*A61K 31/167* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61P 23/02* ( 2006.01 )  
 (45) 27.09.2018  
 (72) Hossain, Kamal; Subedi, Robhash; Choi, Hoo Kyun  
 (74) Kamal Hossain

(71) Hu, X.  
 (11) AU-A-2018101213  
 (21) 2018101213 (22) 22.08.2018  
 (54) Novel pole-type electric hanger

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(51) Int. Cl.  
**E04H 12/18** ( 2006.01 )  
**H02G 1/08** ( 2006.01 )  
**(31)** 201821201905.5 **(32)** 27.07.18 **(33)** CN  
**(45)** 27.09.2018  
**(72)** Hu, Xiaofeng  
**(74)** Shelston IP Pty Ltd.

**(71)** Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Company Limited  
**(11)** AU-A-2018101247  
**(21)** 2018101247 **(22)** 28.08.2018  
**(54)** Application of persimmon leaf extract in the preparation of medicines for the treatment of primary insomnia

**(51)** Int. Cl.  
**A61K 36/44** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(31)** 201711334516 **(32)** 12.12.17 **(33)** CN  
**(45)** 27.09.2018  
**(72)** Guo, Haibiao; Li, Chuyuan; Wang, Deqin; Li, Shuru  
**(74)** Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Company Limited

**(71)** Korea Institute of Geoscience and Mineral Resources (KIGAM)  
**(11)** AU-A-2018101151  
**(21)** 2018101151 **(22)** 13.08.2018  
**(54)** Method for improving CO2 injectivity in underground gas storage layer using nano-particles  
**(51)** Int. Cl.  
**B65G 5/00** ( 2006.01 )  
**C09K 8/08** ( 2006.01 )  
**C09K 8/24** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**(31)** 10-2017-0120202 **(32)** 19.09.17 **(33)** KR  
**(45)** 27.09.2018  
**(72)** Park, Yong-Chan; Seo, Youngjin; Lee, Seungwoo  
**(74)** FB Rice Pty Ltd

**(71)** Kradle Software Pty Ltd  
**(11)** AU-A-2018101223  
**(21)** 2018101223 **(22)** 23.08.2018  
**(54)** A system and method for navigating web-based software applications  
**(51)** Int. Cl.  
**G06F 3/0483** ( 2013.01 )  
**(45)** 27.09.2018  
**(72)** Haddon, Michael  
**(74)** Spruson & Ferguson

**(71)** Napaver, T.; Dixon, R.  
**(11)** AU-A-2018101217  
**(21)** 2018101217 **(22)** 23.08.2018  
**(54)** This is a web-based Ebay style auction site, but in 'reverse'. Members of the public log in, submit their current service and price, and allow competing suppliers to bid against each other, each bid being lower than the previous.

**(51)** Int. Cl.  
**G06Q 30/08** ( 2012.01 )

**(45)** 27.09.2018  
**(72)** Napaver, Todd; Dixon, Rohan  
**(74)** Todd Napaver

**(71)** NextEng Pty Ltd  
**(11)** AU-A-2018101196  
**(21)** 2018101196 **(22)** 17.08.2018  
**(54)** Winding and storage container  
**(51)** Int. Cl.  
**B65H 75/02** ( 2006.01 )  
**(31)** 2017903353 **(32)** 21.08.17 **(33)** AU  
**(45)** 27.09.2018  
**(72)** Holmes, Jared  
**(74)** Shelston IP Pty Ltd.

**Nyiri, A. see Cirus, R.**  
**(21)** 2018101230

**(71)** OZDOCS INTERNATIONAL PTY LTD  
**(11)** AU-A-2018101225  
**(21)** 2018101225 **(22)** 24.08.2018  
**(54)** K-Line Channeler  
**(51)** Int. Cl.  
**G06Q 90/00** ( 2006.01 )  
**G06N 5/02** ( 2006.01 )  
**(45)** 27.09.2018  
**(72)** Pandey, Pramod  
**(74)** OZDOCS INTERNATIONAL PTY LTD

**(71)** PITCO FRIALATOR, INC.  
**(11)** AU-A-2018101220  
**(21)** 2018101220 **(22)** 23.08.2018  
**(54)** System and method for sensing oil quality  
**(51)** Int. Cl.  
**G01N 27/00** ( 2006.01 )  
**A47J 37/12** ( 2006.01 )  
**G01N 1/14** ( 2006.01 )  
**G01N 27/06** ( 2006.01 )  
**G01N 27/22** ( 2006.01 )  
**G01N 33/03** ( 2006.01 )  
**(45)** 27.09.2018  
**(62)** 2015284441  
**(72)** MCGHEE, Owen, R.; BASSOUL, Selim, A.; FINNIE, Jason, D.; PERKINS, Jared; LAMBERT, Nathaniel, A.; FECTEAU, Michael T.  
**(74)** FB Rice Pty Ltd

**(71)** Scaw South Africa (Pty) Ltd  
**(11)** AU-A-2018101211  
**(21)** 2018101211 **(22)** 21.08.2018  
**(54)** DRAGLINE AND SHOVEL ROPE  
**(51)** Int. Cl.  
**D07B 1/00** ( 2006.01 )  
**E02F 3/48** ( 2006.01 )  
**F16G 9/00** ( 2006.01 )  
**(31)** 2017903354 **(32)** 21.08.17 **(33)** AU  
**(45)** 27.09.2018  
**(72)** KATERGARAKIS, George; THOMAS, Kyle Geoffrey  
**(74)** WRAYS PTY LTD

**(71)** Smiff Pty Ltd  
**(11)** AU-A-2018101243

**(21)** 2018101243 **(22)** 27.08.2018  
**(54)** Water distillation system  
**(51)** Int. Cl.  
**C02F 1/14** ( 2006.01 )  
**B01D 5/00** ( 2006.01 )  
**(45)** 27.09.2018  
**(62)** PCT/AU2017/050402  
**(72)** Kairaitis, Rimas  
**(74)** Cotters Patent & Trade Mark Attorneys

**Subedi, R. see Hossain, K.**  
**(21)** 2018101236

**(71)** THE HILL DEVELOPMENT TECH CO., LTD.  
**(11)** AU-A-2018101224  
**(21)** 2018101224 **(22)** 24.08.2018  
**(54)** AUTOMATIC BEVERAGE APPARATUS  
**(51)** Int. Cl.  
**A47J 31/40** ( 2006.01 )  
**(31)** 106213115 **(32)** 04.09.17 **(33)** TW  
**(45)** 27.09.2018  
**(72)** Yeh, Chi-Yang  
**(74)** Alfred Lei

**(71)** TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
**(11)** AU-A-2018101219  
**(21)** 2018101219 **(22)** 23.08.2018  
**(54)** Electric hammer with composite axial and spiral impacting device  
**(51)** Int. Cl.  
**B25D 11/04** ( 2006.01 )  
**(31)** 201710800657.X **(32)** 07.09.17 **(33)** CN  
**(45)** 27.09.2018  
**(72)** LIANG, Rui; MA, Li Guo  
**(74)** Griffith Hack

**(71)** ZHANG, Q.  
**(11)** AU-A-2018101222  
**(21)** 2018101222 **(22)** 23.08.2018  
**(54)** A LOCK ASSEMBLY FOR A TOOLBOX  
**(51)** Int. Cl.  
**E05B 65/52** ( 2006.01 )  
**(45)** 27.09.2018  
**(72)** ZHANG, Qing  
**(74)** Baxter Patent Attorneys Pty Ltd



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2018101252	2018101246	2018101254	2018101217	
<b><u>A61K 31 /-</u></b>	<b><u>B65G 5 /-</u></b>	<b><u>F16L 21 /-</u></b>	<b><u>G06Q 90 /-</u></b>	
2018101236	2018101151	2018101254	2018101225	
<b><u>A61K 36 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G06T 7 /-</u></b>	
2018101231 2018101247	2018101196	2018101249	2018101226	
<b><u>A61K 47 /-</u></b>	<b><u>C01F 7 /-</u></b>	<b><u>F24F 6 /-</u></b>	<b><u>G09G 3 /-</u></b>	
2018101236	2018101228	2018101249	2018101237	
<b><u>A61K 9 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>F24S 23 /-</u></b>	<b><u>H02G 1 /-</u></b>	
2018101231	2018101243	2018101240	2018101213	
<b><u>A61P 23 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>F24S 80 /-</u></b>	<b><u>H02K 53 /-</u></b>	
2018101236	2018101151	2018101240	2018101020	
<b><u>A61P 25 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>F26B 3 /-</u></b>	<b><u>H02N 11 /-</u></b>	
2018101231	2018101228	2018101248	2018101020	

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- . (\*\*) Title not given

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<p>(71) 3-D Matrix, Ltd.                      (11) AU-A-2017232550                      (21) 2017232550 (22) 17.03.2017                      (54) Cerebrospinal fluid leakage occlusion                      (51) Int. Cl.  <i>A61L 24/00</i> ( 2006.01 )  <i>A61L 24/10</i> ( 2006.01 )                      (87) WO2017/158435                      (31) 62/310,122 (32) 18.03.16 (33) US                      (43) 21.09.2017                      (72) Kobayashi, Satoru                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ADB Safegate Sweden AB                      (11) AU-A-2017238589                      (21) 2017238589 (22) 07.03.2017                      (54) Optimizing range of aircraft docking system                      (51) Int. Cl.  <i>B64F 1/00</i> ( 2006.01 )  <i>G08G 5/06</i> ( 2006.01 )                      (87) WO2017/162432                      (31) 16161329.4 (32) 21.03.16 (33) EP                      (43) 28.09.2017                      (72) Håkansson, Ola                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Alios BioPharma, Inc.                      (11) AU-A-2017231824                      (21) 2017231824 (22) 09.03.2017                      (54) Acyclic antivirals                      (51) Int. Cl.  <i>C07D 253/10</i> ( 2006.01 )  <i>C07F 9/38</i> ( 2006.01 )  <i>C07F 9/48</i> ( 2006.01 )                      (87) WO2017/156262                      (31) 62/305,723 (32) 09.03.16 (33) US                      (43) 14.09.2017                      (72) Beigelman, Leonid; Wang, Guangyi; Zhong, Minghong                      (74) Shelston IP Pty Ltd.</p>
<p>(71) 3-D Matrix, Ltd.                      (11) AU-A-2017235871                      (21) 2017235871 (22) 17.03.2017                      (54) Pancreatic fistula occlusion                      (51) Int. Cl.  <i>A61L 24/00</i> ( 2006.01 )  <i>A61L 24/10</i> ( 2006.01 )                      (87) WO2017/158432                      (31) 62/310,124 (32) 18.03.16 (33) US                      (43) 21.09.2017                      (72) Kobayashi, Satoru                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Aerofoil Energy Limited                      (11) AU-A-2017265919                      (21) 2017265919 (22) 16.05.2017                      (54) Improvements to open display refrigerators                      (51) Int. Cl.  <i>A47F 3/04</i> ( 2006.01 )                      (87) WO2017/199017                      (31) 1608586.2 (32) 16.05.16 (33) GB                      (43) 23.11.2017                      (72) McAndrew, Paul                      (74) Madderns Patent &amp; Trade Mark Attorneys</p>	<p>(71) AMDT Holdings, Inc.                      (11) AU-A-2017217654                      (21) 2017217654 (22) 10.02.2017                      (54) External bone fixation systems                      (51) Int. Cl.  <i>A61B 17/56</i> ( 2006.01 )  <i>A61B 17/58</i> ( 2006.01 )  <i>A61B 17/60</i> ( 2006.01 )  <i>A61B 17/62</i> ( 2006.01 )  <i>A61B 17/64</i> ( 2006.01 )  <i>A61B 17/66</i> ( 2006.01 )                      (87) WO2017/139517                      (31) 62/415,741 (32) 01.11.16 (33) US                      62/362,351 14.07.16 US                      62/293,320 09.02.16 US                      (43) 17.08.2017                      (72) Mullaney, Michael                      (74) Griffith Hack</p>
<p>(71) 3M Innovative Properties Company                      (11) AU-A-2017229342                      (21) 2017229342 (22) 07.03.2017                      (54) Intelligent safety monitoring and analytics system for personal protective equipment                      (51) Int. Cl.  <i>G06Q 50/22</i> ( 2012.01 )  <i>G06Q 10/06</i> ( 2012.01 )                      (87) WO2017/155968                      (31) 62/304,644 (32) 07.03.16 (33) US                      (43) 14.09.2017                      (72) Kanukurthy, Karin S.; Digre, Steven R.; Holloway, Darcey L.; Lobner, Eric C.; Madison, Ted K.; Savoie, Philip J.; Smith, Pageen S.; Wells, Lauraine L.;</p>	<p>(71) Akonia Holographics, LLC.                      (11) AU-A-2017247104                      (21) 2017247104 (22) 01.03.2017                      (54) Pupil equalization                      (51) Int. Cl.  <i>G02B 5/32</i> ( 2006.01 )  <i>G02B 5/18</i> ( 2006.01 )  <i>G02F 1/29</i> ( 2006.01 )  <i>G02F 1/295</i> ( 2006.01 )                      (87) WO2017/176393                      (31) PCT/US2016/048499 (32) 24.08.16 (33) US                      62/318,917 06.04.16 US                      62/318,027 04.04.16 US                      62/407,994 13.10.16 US                      62/352,529 20.06.16 US                      15/174,938 06.06.16 US                      (43) 12.10.2017                      (72) Ayres, Mark; Urness, Adam; Anderson, Kenneth; Schlottau, Friso                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Amiblu Technology AS                      (11) AU-A-2017229448                      (21) 2017229448 (22) 09.03.2017                      (54) Liner for impact resistant GRP pipes                      (51) Int. Cl.  <i>B29D 23/00</i> ( 2006.01 )  <i>B29C 47/00</i> ( 2006.01 )  <i>B29C 63/26</i> ( 2006.01 )  <i>B29C 63/34</i> ( 2006.01 )  <i>B32B 1/08</i> ( 2006.01 )  <i>C09D 167/06</i> ( 2006.01 )  <i>C09D 167/08</i> ( 2006.01 )  <i>F16L 58/10</i> ( 2006.01 )</p>

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**A61F 2/16** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) Anheuser-Busch InBev S.A.  
 (11) AU-A-2017242650  
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 (54) Kit for the in situ production of a fermented target beverage by addition of a liquid diluent  
 (51) Int. Cl.  
**C12C 11/11** ( 2006.01 )  
**B67D 1/00** ( 2006.01 )  
**B67D 1/04** ( 2006.01 )  
**C12C 13/10** ( 2006.01 )  
**C12G 3/00** ( 2006.01 )  
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 (43) 05.10.2017  
 (72) Vandekerckhove, Stijn; Peirsman, Daniel  
 (74) Adams Pluck

(71) Anheuser-Busch InBev S.A.  
 (11) AU-A-2017242652  
 (21) 2017242652 (22) 30.03.2017  
 (54) A method of preparing a beverage from a single-serve container or a kit in parts of single-serve container, said single-serve container and said kit in parts  
 (51) Int. Cl.  
**C12G 3/00** ( 2006.01 )  
**B67D 1/00** ( 2006.01 )  
**C12C 11/11** ( 2006.01 )  
**C12C 13/10** ( 2006.01 )  
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**G06F 13/38** ( 2006.01 )  
**G06F 17/21** ( 2006.01 )  
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**G10L 21/00** ( 2006.01 )  
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 (54) Apparatus for removing a section of casing or lining from a well-bore, and methods  
 (51) Int. Cl.  
**E21B 31/20** ( 2006.01 )  
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 (51) Int. Cl.  
**E04B 1/80** ( 2006.01 )  
**E04B 9/00** ( 2006.01 )  
**E04B 9/04** ( 2006.01 )  
**E04C 2/52** ( 2006.01 )  
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 (54) Crenolanib for treating FLT3 mutated proliferative disorders associated mutations  
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**A61K 31/4709** ( 2006.01 )  
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 (51) Int. Cl.  
**C10L 1/32** ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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 (54) Solid-liquid crude oil compositions and fractionation processes thereof  
 (51) Int. Cl.  
**C10L 1/32** ( 2006.01 )  
**C10G 1/02** ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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 (21) 2017235150 (22) 08.02.2017  
 (54) Cylinder lock and key system  
 (51) Int. Cl.  
**E05B 19/00** ( 2006.01 )  
**E05B 15/06** ( 2006.01 )  
**E05B 35/10** ( 2006.01 )  
**E05B 27/00** ( 2006.01 )  
**E05B 29/00** ( 2006.01 )  
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 (31) 16160559.7 (32) 16.03.16 (33) EP  
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 (74) Dark IP

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 (51) Int. Cl.  
**C09J 7/20** ( 2018.01 )  
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 (51) Int. Cl.  
**C09J 153/02** ( 2006.01 )  
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 (51) Int. Cl.  
 B65G 67/60 ( 2006.01 )  
 B63B 27/12 ( 2006.01 )  
 B65G 65/06 ( 2006.01 )
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 (21) 2017217944 (22) 10.02.2017  
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 (51) Int. Cl.  
 C08F 2/22 ( 2006.01 )  
 B27N 3/00 ( 2006.01 )  
 C08J 5/24 ( 2006.01 )
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 (51) Int. Cl.  
 C12P 13/02 ( 2006.01 )  
 C08F 20/56 ( 2006.01 )
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 C07D 487/04 ( 2006.01 )  
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 (51) Int. Cl.  
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 A01P 13/00 ( 2006.01 )
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 (54) Herbicidal compositions containing active substances from the group comprising HPPD inhibitors, safeners and triazines  
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 A01N 43/82 ( 2006.01 )  
 A01N 25/32 ( 2006.01 )  
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 A01N 43/707 ( 2006.01 )  
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 G05D 1/02 ( 2006.01 )  
 B64B 1/40 ( 2006.01 )  
 B64C 39/02 ( 2006.01 )  
 E21C 41/26 ( 2006.01 )  
 H04B 7/185 ( 2006.01 )
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 A61B 5/00 ( 2006.01 )  
 A61L 27/24 ( 2006.01 )  
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C07K 7/08 (2006.01)  
A61K 38/10 (2006.01)  
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G01N 33/543 (2006.01)  
A61B 5/00 (2006.01)  
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*A61L 27/50* ( 2006.01 )  
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**B01D 39/16** ( 2006.01 )  
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(54) Center bushing to balance axial forces in multi-stage pumps	62/303,261	03.03.16	US	<b>C07H 5/08</b> ( 2006.01 )
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(51) Int. Cl.	(51) Int. Cl.			(51) Int. Cl.
<b>A01N 43/40</b> ( 2006.01 )	<b>A63B 43/04</b> ( 2006.01 )			<b>B04B 1/08</b> ( 2006.01 )
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(31) IN201611009993	(31) 2016387	(32) 08.03.16	(33) NL	(51) Int. Cl.
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(74) Shelston IP Pty Ltd.	(74) Allens Patent & Trade Mark Attorneys			(31) 62/291,770
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(51) Int. Cl.	(51) Int. Cl.			
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<b>B65D 75/58</b> ( 2006.01 )	<b>G06Q 10/06</b> ( 2012.01 )			
<b>B65D 85/72</b> ( 2006.01 )	<b>G06Q 50/06</b> ( 2012.01 )			
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(54) Selenogalactoside compounds for the prevention and treatment of diseases	(54) Gypsum panels, systems, and methods			(22) 10.03.2017
(51) Int. Cl.	(51) Int. Cl.			(54) Gypsum panels, systems, and methods
<b>A61K 9/00</b> ( 2006.01 )	<b>E04C 2/52</b> ( 2006.01 )			(51) Int. Cl.
	<b>B32B 9/04</b> ( 2006.01 )			<b>E04C 2/296</b> ( 2006.01 )
	<b>E04C 2/296</b> ( 2006.01 )			<b>H04B 5/02</b> ( 2006.01 )
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(54) Fosfomycin formulation for parenteral administration	(54) Fosfomycin formulation for parenteral administration			(54) Fosfomycin formulation for parenteral administration
(51) Int. Cl.	(51) Int. Cl.			(51) Int. Cl.

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**(54)** Inhibition of TGFβ in immunotherapy  
**(51)** Int. Cl.  
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**A47J 27/08** ( 2006.01 )  
**G01C 9/00** ( 2006.01 )  
**G01L 7/00** ( 2006.01 )  
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**C07H 21/00** ( 2006.01 )  
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**H04N 19/176** ( 2014.01 )  
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**H04L 27/26** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
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**H04W 48/14** ( 2009.01 )  
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**(54)** Beam reference signal based narrow-  
 band channel measurement and CQI  
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**(51)** Int. Cl.  
**H04B 7/0417** ( 2017.01 )  
**H04B 7/06** ( 2006.01 )  
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**H04J 11/00** ( 2006.01 )  
**H04W 72/00** ( 2009.01 )  
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**(54)** High doppler channel performance en-  
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**H04B 7/0413** ( 2017.01 )  
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*B07C 5/342* ( 2006.01 )  
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**H04W 4/06** ( 2009.01 )  
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**C07D 317/44** ( 2006.01 )  
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**C04B 35/111** ( 2006.01 )  
**A61C 13/08** ( 2006.01 )  
**A61C 13/083** ( 2006.01 )  
**A61K 6/00** ( 2006.01 )  
**A61K 6/02** ( 2006.01 )  
**C03C 4/00** ( 2006.01 )  
**C04B 35/64** ( 2006.01 )  
**C04B 38/00** ( 2006.01 )  
**C04B 41/00** ( 2006.01 )  
**C04B 41/48** ( 2006.01 )  
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PCT applications which have entered the National Phase - Name Index cont'd

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**A42B 3/04** ( 2006.01 )  
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**G01N 21/13** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )  
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**G01N 33/02** ( 2006.01 )  
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**B01D 43/00** ( 2006.01 )  
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**B01D 51/08** ( 2006.01 )  
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**B65D 85/00** ( 2006.01 )  
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**G02C 7/10** ( 2006.01 )  
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**G01J 1/10** ( 2006.01 )  
**G01J 1/44** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )



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**G06G 7/24** ( 2006.01 )
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2016218951	Sinaclear IP Pty Ltd	2017220785	Tata Consultancy Services Limited
2016267384	Novacorr Healthcare Pty Ltd	2017221031	BASF SE
2016280242	Bioconix Pty Ltd.; Knothe Tate, M.	2017221392	Motz Enterprises, Inc.
2016391100	Verinata Health, Inc.	2017222038	LG Electronics Inc.
2016391692	Lazarus Care International Limited	2017222427	Avery Dennison Corporation
2016392399	Elekta Ltd.	2017222450	The University of North Carolina at Chapel Hill
2016393714	Simonsen, D.	2017222462	Conventus Orthopaedics, Inc.
2016393847	Monros, S.	2017222495	BioLineRx Ltd.; Biokine Therapeutics Ltd.
2016395149	Ishida Co., Ltd.	2017222686	Memorial Sloan Kettering Cancer Center
2016395258	Hou, J.	2017222692	Borody, T.
2016395426	Kemira Oyj	2017222695	Cronk, P.
2016396166	Schueler, L.; Schueler, C.	2017223147	Outplay Inc.
2016396507	Toshiba Carrier Corporation	2017223239	Chairman, Defence Research & Development Organisation
2016396601	Limited Liability Company "New Gas Technologies-Synthesis" (Llc "Ngt-Synthesis")	2017223600	Dovetail Genomics LLC
2016396661	University of Utah Research Foundation	2017224834	Wieth, F.; Filosi, A.
2016396782	LzLabs GmbH	2017224938	Kenwood Limited
2016397049	I6 Group Limited	2017224963	Katz, S.
2016397288	Liquigro Holdings (Proprietary) Limited	2017225427	ExxonMobil Research and Engineering Company
2016397562	NeoStrata Company, Inc.	2017225541	Rovi Guides, Inc
2016397908	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2017225543	Tercel Oilfield Products USA LLC
2016398366	Hepa Wash GmbH	2017225733	Novartis AG; The Trustees of the University of Pennsylvania
2016398444	New York Air Brake, LLC	2017225767	Wilt, R.; Faustini, L.
2016399634	Fang, Z.	2017225912	Cham, B.; Chase, T.; Cham, K.
2016401017	Cardinal Health Switzerland 515 GmbH	2017225957	HYTORC Division UNEX Corporation
2016401332	SAF-Holland, Inc.	2017226172	Editas Medicine, Inc.
2016401692	Krystal Biotech, Inc.	2017226173	Cool Gear International, LLC
2016402775	Qualcomm Incorporated	2017226644	Essilor International
2016403655	Wuxi Hisky Medical Technologies Co., Ltd.	2017226865	Cardlab ApS
2016405318	Halliburton Energy Services, Inc.	2017226878	Oncodesign SA
2016409896	Apple Inc.	2017226923	Sandvik Intellectual Property AB
2016413017	Jiangsu Huifeng Bio Agriculture Co., Ltd.	2017227065	Vita Zahnfabrik H. Rauter GmbH & Co KG
2017214574	Evol Science LLC	2017227071	Emplicure Ab
2017214675	Gen-Probe Incorporated	2017227117	EL.EN. S.p.A.
2017215312	Branch Research LLC	2017227207	Sumitomo Metal Mining Co., Ltd.
2017215877	Suntory Holdings Limited	2017227235	JFE Steel Corporation
2017215906	Lista AG	2017227608	Iridia, Inc.
2017216289	Nasdaq Technology AB	2017227628	Huawei Technologies Co., Ltd.
2017217024	Panasonic Intellectual Property Management Co., Ltd.	2017227830	Cetylite Industries, Inc.
2017217073	Kawasaki Jukogyo Kabushiki Kaisha	2017227843	Fresh Press LLC
2017217236	Clap Online Pty Ltd	2017227932	Inventio AG
2017217241	Carter, D.	2017228251	Powercan Holding, LLC
2017217246	FTB Cormax Pte. Ltd.; Conen, A.	2017228268	Gree Electric Appliances, Inc. of Zhuhai
2017217247	Helium 3 Resources Pty Ltd	2017228315	The Braun Corporation
2017217249	Ballantyne, R.	2017228365	Galectin Sciences, LLC
2017217250	Dolan, G.	2017228401	Alere San Diego Inc.
2017217535	Pilaar, J.	2017228404	Esculon, LLC
2017217615	Leitermann, M.	2017228466	New York Stem Cell Foundation, Inc.
2017217654	AMDT Holdings, Inc.	2017228777	Ripshot Enterprises Corporation
2017217944	Balter, Inc.	2017228859	Corning Optical Communications Llc
2017218014	Knowlton, E.; SRGI Holdings, LLC	2017228926	Wilson, E.
2017218115	Microvention, Inc.	2017228929	Queensland University of Technology
2017218148	Incube Labs, LLC	2017228931	Data Intrans Pty Ltd
2017218415	Rutgers, The State University of New Jersey	2017228989	Magic Leap, Inc.
2017218454	NewSouth Innovations Pty Limited	2017229039	Bobst Mex SA
2017218456	Meshnet Pty Ltd	2017229114	Hytech Power, Inc.
2017218459	Voztec Limited	2017229124	MasterCard International Incorporated
2017218476	University of Ottawa	2017229131	Bayer CropScience Aktiengesellschaft
2017218738	Przybycin, M.	2017229154	Moog BV
2017218783	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization, (A.R.O), The Volcani Center	2017229176	Windplussonne GmbH
2017218800	Cipla Limited	2017229214	Taylor Commercial Foodservice Inc.
2017218906	Marine Canada Acquisition Inc.	2017229220	YSI, Inc.
2017219462	Statoil Petroleum AS	2017229224	Mitochon Pharmaceuticals, Inc.; BioVentures, LLC
2017220617	Brilliance Sweden AB	2017229310	LANXESS Deutschland GmbH
2017220629	Übermorgen Innovations GmbH	2017229342	3M Innovative Properties Company
		2017229346	Fluid Handling LLC

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2017229365	The Regents of the University of Michigan; Università degli Studi di Sassari	2017233900	Eurofilters N.V.
2017229448	Amiblu Technology AS	2017233909	Construction Research & Technology GmbH
2017229475	Evolution Well Services, LLC	2017233945	Sumitomo Metal Mining Co., Ltd.
2017229483	The Regents of the University of California	2017234009	Millennium Pharmaceuticals, Inc.
2017229495	Quidel Cardiovascular Inc.	2017234010	Millennium Pharmaceuticals, Inc.
2017229536	Ocado Innovation Limited	2017234021	Survitec Group Limited
2017229575	Janssen Biotech, Inc.	2017234146	Wm. Wrigley Jr. Company
2017229625	Jin, J.	2017234163	Mersana Therapeutics, Inc.
2017229632	International Power Supply AD	2017234255	Ecolab USA Inc.
2017229773	Halimi, H.	2017234319	MSD Wellcome Trust Hilleman Laboratories Pvt. Ltd.
2017229787	Celmatix Inc.	2017234378	Cynata Therapeutics Limited
2017229861	Corning Optical Communications LLC	2017234387	Milanese, P.
2017229863	Corning Optical Communications LLC	2017234388	Milanese, P.
2017229870	Georgia-Pacific Gypsum LLC	2017234507	FMC Corporation
2017229968	Trividia Health, Inc.	2017234654	Younger Mfg. Co dba Younger Optics
2017229981	Laborie Medical Technologies Corp.	2017234681	On Target Laboratories, LLC
2017230011	Bluebird Bio, Inc.	2017235055	Eurofilters Holding N.V.
2017230031	NGT Global AG	2017235150	Assa AB
2017230119	H. Lee Moffitt Cancer Center and Research Institute, Inc.	2017235220	Plakous Therapeutics, Inc.
2017230123	Washme Properties, L.L.C.	2017235387	Tillotts Pharma AG
2017230124	Washme Properties, L.L.C.	2017235391	Eurofilters Holding N.V.
2017230189	Beijing Jingdong Shangke Information Technology Co., Ltd.; Beijing Jingdong Century Trading Co., Ltd.	2017235461	Children's Medical Center Corporation
2017230258	Leonhard Kurz Stiftung & Co. KG; OVD Kinegram AG	2017235462	Kura Oncology, Inc.; The Regents of the University of Michigan
2017230317	Moog BV	2017235463	Georgopoulos, A.; Schifer, A.; Rous, W.
2017230440	Guangxi Yemao Drinking & Food Co., Ltd.	2017235618	Noorik Biopharmaceuticals AG
2017230456	Knab, N.	2017235665	UWM Research Foundation, Inc.; Centre for Addiction and Mental Health; University of Belgrade - Faculty of Pharmacy
2017230513	Bobst Mex SA	2017235759	Soletanche Freyssinet
2017230660	Bayer CropScience Aktiengesellschaft	2017235769	Imperial Innovations Limited
2017230706	Biomerica, Inc.	2017235786	Weatherford U.K. Limited
2017230719	etectRx, Inc.	2017235798	PCI-Pal (U.K) Limited
2017230778	Lanxess Deutschland GmbH	2017235840	Fisher & Paykel Healthcare Limited
2017230823	Lonza Ltd	2017235871	3-D Matrix, Ltd.
2017230835	Carlisle Intangible, LLC	2017236120	Schunk Bahn- und Industrietechnik GmbH
2017230855	Universität Zürich; Universität Basel	2017236431	Bayer Pharma Aktiengesellschaft
2017230952	NightstaRx Limited	2017236564	Nicoventures Holdings Limited
2017230958	Evolve Growing Solutions Limited	2017236583	Maione S.r.l.
2017230971	AMO Groningen B.V.	2017236648	Hubbell Incorporated
2017231106	Royal Bank of Canada	2017236669	Fresenius Kabi Ipsum S.r.l.
2017231108	Kemyth Biotech Co., Ltd.	2017236782	Magic Leap, Inc.
2017231506	Toray Industries, Inc.	2017236795	Kiverdi, Inc.
2017231572	Fugro N.V.	2017236985	Armstrong World Industries, Inc.
2017231573	Fugro ROAMES Pty Ltd.; Fugro N.V.	2017237356	Shell Internationale Research Maatschappij B.V.
2017231580	Mimetas B.V.	2017237380	GlaxoSmithKline Intellectual Property Development Limited
2017231594	Equinor Energy AS	2017237912	The Regents of the University of California
2017231602	Trakomatic Pte. Ltd.	2017238123	Pioneer Hi-Bred International, Inc.; E. I. du Pont de Nemours and Company
2017231614	Interface, Inc.	2017238246	The Administrators of the Tulane Educational Fund
2017231709	EVVA Sicherheitstechnologie GmbH	2017238390	Dana-Farber Cancer Institute, Inc.
2017231817	Emory University	2017238392	Fimbrion Therapeutics, Inc.
2017231820	YSI, Inc.	2017238512	Dana-Farber Cancer Institute, Inc.; Oregon Health & Science University
2017231824	Alios BioPharma, Inc.	2017238589	ADB Safegate Sweden AB
2017231835	BitSpray Corporation	2017239014	Nuovo Pignone Tecnologie Srl
2017231860	RespiVert Limited	2017239164	Mobile Electronics, Inc.
2017231865	UCL Business PLC	2017240210	Konecranes Global Corporation
2017231889	Body Vision Medical Ltd.	2017240366	Mallinckrodt Hospital Products IP Limited
2017231946	Satake Corporation; Mechano Transformer Corporation	2017240576	Kemira Oyj
2017232292	MG-Valdunes	2017240614	Samsung Electronics Co., Ltd.
2017232433	Trio Healthcare Limited	2017241520	Visa International Service Association
2017232516	Kura Oncology, Inc.; The Regents of the University of Michigan	2017242123	CHR. Hansen A/S
2017232540	3-D Matrix, Ltd.	2017242170	The Yokohama Rubber Co., Ltd.
2017232550	3-D Matrix, Ltd.	2017242330	Inventio AG
2017232795	NC Brands L.P.	2017242461	BASF SE
2017232906	H. Lee Moffitt Cancer Center & Research Institute, Inc.	2017242515	Siemens Aktiengesellschaft
2017233549	Vehicle Development Corporation Pty Ltd	2017242539	BASF SE
2017233554	ePrep Pty Ltd	2017242650	Anheuser-Busch InBev S.A.
2017233702	SAF-Holland, Inc.	2017242652	Anheuser-Busch InBev S.A.
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2017233895	Eurofilters N.V.		

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2017244262	LG Electronics Inc.	2017269336	Excision Biotherapeutics, Inc.
2017245481	Unilever PLC	2017273755	Borealis AG
2017246211	Qualcomm Incorporated	2017274156	Jetoptera, Inc.
2017246311	Hexagon Technology AS	2017277334	Star Array Pte Ltd
2017246410	Qualcomm Incorporated	2017282178	Novartis AG
2017246588	Lunginnov; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Lille 2 Droit et Santé; Université des Sciences et Technologies de Lille; Institut Pasteur de Lille; Centre National de la Recherche Scientifique - CNRS -	2017287189	Schaeffler Technologies AG & Co. KG
2017246679	ARQ IP Limited	2017298995	NantEnergy, Inc.
2017246680	ARQ IP Limited	2017302250	Intuit Inc.
2017246738	Avery Dennison Corporation	2017305286	Wuxi Hisky Medical Technologies Co., Ltd.
2017247017	Noetic Technologies Inc.	2017314293	Jubilant Generics Limited (formerly a division of Jubilant Life Sciences Limited)
2017247025	FLSmith A/S	2017315859	Skylark Wireless, LLC; Guerra, R.; Shepard, C.; Anand, N.; Knightly, E.; Zhong, L.
2017247061	Treitl Chemical Engineering Ltd.	2017316379	Kimos Corp D/B/A Petscrub
2017247094	Qualcomm Incorporated	2017317563	Henkel AG & Co. KGaA
2017247103	University of Georgia Research Foundation, Inc.	2017317564	Henkel AG & Co. KGaA
2017247104	Akonia Holographics, LLC.	2017329243	Hoselink Pty Ltd
2017247159	Qualcomm Incorporated	2017330796	LG Chem, Ltd.
2017247398	Teijin Pharma Limited; Osaka University	2017337686	Jiangsu Huifeng Bio Agriculture Co., Ltd.
2017247796	GlaxoSmithKline Intellectual Property Development Limited	2017340647	IML Instrumenta Mechanik Labor GmbH
2017247798	GlaxoSmithKline Intellectual Property Development Limited	2017353925	Arog Pharmaceuticals, Inc.
2017248018	Janssen Vaccines & Prevention B.V.	2017368084	Clariant International Ltd
2017248637	Ionis Pharmaceuticals, Inc.; Ludwig Institute for Cancer Research	2017369540	Lindhofer, H.
2017248989	Illinois Tool Works Inc.	2017379926	J.H. Fletcher & Co.
2017249006	Qualcomm Incorporated	2017385096	Biogen Therapeutics Co., Ltd.; Osteopharma Inc.
2017249015	Qualcomm Incorporated	2018203428	Shell Internationale Research Maatschappij B.V.
2017249059	Qualcomm Incorporated		
2017249060	Qualcomm Incorporated		
2017249063	The Gillette Company LLC		
2017249072	Qualcomm Incorporated		
2017249084	Qualcomm Incorporated		
2017249135	Qualcomm Incorporated		
2017249974	Qualcomm Incorporated		
2017250016	CCL Secure Pty Ltd		
2017250021	Ear Science Institute Australia; Deakin University		
2017250610	Selle Royal S.p.A.		
2017250660	MonoSol, LLC		
2017250947	Panasonic Intellectual Property Corporation of America		
2017251168	Ishihara Sangyo Kaisha, Ltd.		
2017251536	Schaeffler Technologies AG & Co. KG		
2017251983	BioNTech RNA Pharmaceuticals GmbH		
2017252024	FiberLean Technologies Limited		
2017252163	Qualcomm Incorporated		
2017252167	Qualcomm Incorporated		
2017252175	Qualcomm Incorporated		
2017252176	Qualcomm Incorporated		
2017252204	Ardyne Holdings Limited		
2017252265	Qualcomm Incorporated		
2017252988	Sony Corporation		
2017253228	Taiwanj Pharmaceuticals Co., Ltd.		
2017254071	Qualcomm Incorporated		
2017254079	Qualcomm Incorporated		
2017254388	Qualcomm Incorporated		
2017255541	Crown Equipment Corporation		
2017256084	Nicoventures Holdings Limited		
2017256764	Bombardier Transportation (ZWUS) Polska Sp. z.o.o.		
2017256815	BHP Billiton Innovation Pty Ltd		
2017257302	Virginia Tech Intellectual Properties, Inc.		
2017258304	University of Puerto Rico		
2017259616	ViCentra B.V.		
2017259617	ViCentra B.V.		
2017259869	F. Hoffmann-La Roche AG		
2017259887	Oncoarendi Therapeutics SA		
2017260307	TerraPower, LLC		
2017263002	Lynntech, Inc.		

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2017228929	2017337686	2017234387	2017222462	2017231108	2017223147
			2017230971	2017234378	2017229224
				2017235461	2017235463
				2017247796	2017235618
					2017243956
<b><u>A01G 13 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A47L 13 /-</u></b>	<b><u>A61F 9 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>A61L 24 /-</u></b>
2017230958	2016413017	2017234387	2017282178	2017215312	2017232433
	2017251168			2017243956	2017232550
		<b><u>A47L 5 /-</u></b>	<b><u>A61G 10 /-</u></b>		2017235871
		2017244262	2017230823	<b><u>A61K 38 /-</u></b>	
<b><u>A01G 7 /-</u></b>	<b><u>A23C 17 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61G 13 /-</u></b>	2016401692	<b><u>A61L 27 /-</u></b>
2017222695	2017242123	2017222038	2017247398	2017222450	2016280242
		2017233900		2017222495	2017218476
		2017235055	<b><u>A61G 3 /-</u></b>	2017222686	2017243878
<b><u>A01G 9 /-</u></b>	<b><u>A23C 19 /-</u></b>	2017235391	2017228315	2017231108	2017250021
2017230958	2017242123	2017244262		2017385096	
<b><u>A01K 13 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61G 7 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>A61L 31 /-</u></b>
2017316379	2017242123	2017217654	2016267384	2017218415	2017232540
		2017218014	<b><u>A61H 35 /-</u></b>	2017228466	
		2017218115	2016218951	2017229575	<b><u>A61M 1 /-</u></b>
		2017222462		2017234009	2016398366
<b><u>A01K 21 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61K 101 /-</u></b>	2017234010	2017228404
2017229625	2017227071	2017227117	2017226878	2017247796	2017229483
	2017236564			2017248018	2017282178
<b><u>A01K 29 /-</u></b>	2017256084	<b><u>A61B 3 /-</u></b>	<b><u>A61K 31 /-</u></b>	2017257302	
2017229625		2017228989	2016397562	2017369540	<b><u>A61M 11 /-</u></b>
			2017218800		2016218951
<b><u>A01K 89 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017220785	<b><u>A61K 45 /-</u></b>	2017236564
2017220617	2017218459	2017218014	201722785	2017214574	2017256084
		2017220785	2017223147	2017218800	
		2017231889	2017225912	<b><u>A61K 47 /-</u></b>	<b><u>A61M 15 /-</u></b>
<b><u>A01N 25 /-</u></b>	<b><u>A45C 11 /-</u></b>	<b><u>A61B 5 /-</u></b>	2017227830	2017218476	2017227071
2017217615	2017217615	2016280242	2017229224	2017227830	2017236564
		2017217944	2017229365	2017234163	2017256084
<b><u>A01N 31 /-</u></b>	<b><u>A45C 13 /-</u></b>	2017218148	2017230119	2017234319	<b><u>A61M 16 /-</u></b>
2017218783	2017217615	2017228989	2017231817	2017236431	2017256084
		2017229981	2017231860	2017243956	2017263002
		2017230706	2017232516	<b><u>A61K 48 /-</u></b>	<b><u>A61M 25 /-</u></b>
<b><u>A01N 35 /-</u></b>	<b><u>A46B 11 /-</u></b>	2017231889	2017232906	2016401692	2017218115
2017251168	2017316379		2017235462	2017222686	
		<b><u>A61B 6 /-</u></b>	2017235463		
<b><u>A01N 43 /-</u></b>	<b><u>A47F 3 /-</u></b>	2017231889	2017235618	<b><u>A61K 49 /-</u></b>	<b><u>A61M 27 /-</u></b>
2016413017	2017265919		2017235665	2017234681	2017228404
2017229131		<b><u>A61B 8 /-</u></b>	2017237380	<b><u>A61K 51 /-</u></b>	<b><u>A61N 1 /-</u></b>
2017230660		2016403655	2017238246	2017226878	2017218148
2017234507		2017305286	2017238390	<b><u>A61K 6 /-</u></b>	<b><u>A61N 2 /-</u></b>
2017242539	<b><u>A47G 19 /-</u></b>		2017238392	2017227065	2017247398
2017251168	2017228777	<b><u>A61C 13 /-</u></b>	2017247798	<b><u>A61K 8 /-</u></b>	<b><u>A61N 5 /-</u></b>
2017337686		2017227065	201723892	2017218476	2016392399
	<b><u>A47J 27 /-</u></b>	<b><u>A61B 8 /-</u></b>	2017253228	2017223147	2017217247
<b><u>A01N 47 /-</u></b>	2017229773	2016403655	2017258304	2017243956	
2017337686		2017305286	2017259887	<b><u>A61K 9 /-</u></b>	<b><u>A61P 1 /-</u></b>
	<b><u>A47J 31 /-</u></b>		2017353925	2016396661	2017222692
<b><u>A01N 65 /-</u></b>	2017220629	<b><u>A61B 8 /-</u></b>	2017369540	2017222692	
2017215312	2017226173	2017231889	<b><u>A61K 33 /-</u></b>	2017225912	
			2016396661		
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2016413017	2017229214	2017224963	2017225912	2016396661	
				2017218476	
<b><u>A01P 13 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61K 35 /-</u></b>	2017223147	
2017229131	2017224938	2016280242	2017222692	2017243956	
2017230660			2017225912		
				<b><u>A61K 9 /-</u></b>	
				2016396661	

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<b><u>A61P 11 /-</u></b>	<b><u>A63B 21 /-</u></b>	2017234255	2017227207	2017221392	2017233702
2017222450	2016396166	<b><u>B01F 3 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B28B 5 /-</u></b>	<b><u>B60G 9 /-</u></b>
2017231860	<b><u>A63B 24 /-</u></b>	2017234255	2017227207	2017221392	2017233702
<b><u>A61P 13 /-</u></b>	2017230456	<b><u>B01F 5 /-</u></b>	<b><u>B23B 45 /-</u></b>	<b><u>B28D 1 /-</u></b>	<b><u>B60K 17 /-</u></b>
2017235618	<b><u>A63B 43 /-</u></b>	2017234255	2017340647	2016395258	2017239164
<b><u>A61P 17 /-</u></b>	2017217246	<b><u>B01J 19 /-</u></b>	<b><u>B23K 1 /-</u></b>	<b><u>B29C 43 /-</u></b>	<b><u>B60L 5 /-</u></b>
2016401692	<b><u>A63B 5 /-</u></b>	2017230823	2017218454	2017221392	2017236120
2017215312	2016396166	<b><u>B01J 29 /-</u></b>	<b><u>B23P 19 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>B60P 3 /-</u></b>
2017225912	<b><u>A63B 69 /-</u></b>	2016396601	2017225957	2017329243	2017228315
<b><u>A61P 25 /-</u></b>	2017230456	<b><u>B01J 37 /-</u></b>	<b><u>B23P 5 /-</u></b>	<b><u>B29C 47 /-</u></b>	<b><u>B60R 21 /-</u></b>
2017235665	<b><u>A63B 71 /-</u></b>	2016396601	2016395258	2017229448	2017233549
<b><u>A61P 3 /-</u></b>	2017230456	<b><u>B01J 8 /-</u></b>	<b><u>B25B 21 /-</u></b>	<b><u>B29C 63 /-</u></b>	<b><u>B60R 9 /-</u></b>
2017231108	<b><u>A63C 17 /-</u></b>	2017225427	2017225957	2017229448	2017236648
<b><u>A61P 31 /-</u></b>	2017217241	2017229310	<b><u>B25B 23 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B60S 3 /-</u></b>
2017218800	<b><u>B01D 21 /-</u></b>	2017230778	2017225957	2017227843	2017230123
2017222692	2017229176	<b><u>B01L 1 /-</u></b>	2017230823	<b><u>B29D 23 /-</u></b>	2017230124
2017231817	<b><u>B01D 33 /-</u></b>	<b><u>B01L 3 /-</u></b>	2017248989	2017229448	<b><u>B60T 13 /-</u></b>
2017237380	2017240366	2017231580	<b><u>B25F 5 /-</u></b>	<b><u>B32B 1 /-</u></b>	2016398444
2017247798	<b><u>B01D 36 /-</u></b>	<b><u>B01L 7 /-</u></b>	2017248989	2017229448	<b><u>B60T 17 /-</u></b>
<b><u>A61P 35 /-</u></b>	2017230440	2017277334	<b><u>B25H 1 /-</u></b>	<b><u>B32B 27 /-</u></b>	2016398444
2017222450	<b><u>B01D 39 /-</u></b>	<b><u>B01L 9 /-</u></b>	2017340647	2017273755	2016401332
2017222495	2017233893	2017277334	<b><u>B25H 3 /-</u></b>	<b><u>B32B 9 /-</u></b>	<b><u>B60T 7 /-</u></b>
2017222686	2017233895	<b><u>B03D 1 /-</u></b>	2017215906	2017229870	2016398444
2017226172	2017233900	2017240576	<b><u>B25J 11 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B61L 1 /-</u></b>
2017234163	<b><u>B01D 43 /-</u></b>	<b><u>B04B 1 /-</u></b>	2017222038	2017230258	2017256764
2017234681	2017229176	2017267066	<b><u>B25J 13 /-</u></b>	2017250016	<b><u>B61L 27 /-</u></b>
2017236431	<b><u>B01D 49 /-</u></b>	<b><u>B04B 15 /-</u></b>	2017222038	<b><u>B42D 3 /-</u></b>	2017256764
2017238246	2017229176	2017267066	<b><u>B25J 19 /-</u></b>	2017217615	<b><u>B62B 3 /-</u></b>
2017247798	<b><u>B01D 51 /-</u></b>	<b><u>B05B 15 /-</u></b>	2017222038	<b><u>B60B 17 /-</u></b>	2017224834
2017259887	2017229176	2017232795	<b><u>B25J 5 /-</u></b>	2017232292	2017255541
<b><u>A61P 37 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B05B 7 /-</u></b>	2017222038	<b><u>B60D 1 /-</u></b>	<b><u>B62D 53 /-</u></b>
2017222450	2017229483	2017220629	<b><u>B25J 9 /-</u></b>	2016401332	2017228931
2017222692	<b><u>B01D 63 /-</u></b>	<b><u>B07C 5 /-</u></b>	2017222038	2017228931	2017250610
2017228466	2017229483	2017231946	<b><u>B26D 7 /-</u></b>	<b><u>B60G 11 /-</u></b>	<b><u>B63B 17 /-</u></b>
2017238246	<b><u>B01D 69 /-</u></b>	<b><u>B08B 9 /-</u></b>	2017230513	2017233702	2017236583
2017247798	2017229483	2016391692	<b><u>B27N 3 /-</u></b>	<b><u>B60G 21 /-</u></b>	<b><u>B63B 27 /-</u></b>
<b><u>A61P 9 /-</u></b>	<b><u>B01F 13 /-</u></b>	2017234255	2017221031	2017233702	2017217249
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2017235618					
<b><u>A61Q 19 /-</u></b>					
2017223147					
2017243956					
<b><u>A62C 3 /-</u></b>					
2017330796					
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2017330796					
<b><u>A62C 37 /-</u></b>					
2017330796					

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2017236583	<b><u>B65D 63 /-</u></b>	2016397049	2017247103	<b><u>C07D 487 /-</u></b>	2017222495
<b><u>B63C 9 /-</u></b>	2017236648	<b><u>C01B 13 /-</u></b>	<b><u>C07D 207 /-</u></b>	2017242539	2017229495
2017234021	<b><u>B65D 65 /-</u></b>	2017263002	2017231817	2017247798	2017231108
<b><u>B63H 20 /-</u></b>	2017250660	<b><u>C01B 25 /-</u></b>	<b><u>C07D 209 /-</u></b>	<b><u>C07D 493 /-</u></b>	<b><u>C08B 37 /-</u></b>
2017218906	<b><u>B65D 75 /-</u></b>	2016397288	2017231860	2017247798	2017236669
<b><u>B63H 21 /-</u></b>	2017227843	<b><u>C01B 3 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07D 498 /-</u></b>	2017240576
2017218906	<b><u>B65D 77 /-</u></b>	2017223239	2017232906	2017226878	<b><u>C08F 2 /-</u></b>
<b><u>B63H 25 /-</u></b>	2017235840	<b><u>C01G 49 /-</u></b>	<b><u>C07D 215 /-</u></b>	2017238246	2017221031
2017218906	<b><u>B65D 85 /-</u></b>	2017229310	2017229365	2017247798	<b><u>C08F 20 /-</u></b>
<b><u>B64B 1 /-</u></b>	2017227843	2017230778	<b><u>C07D 239 /-</u></b>	<b><u>C07F 5 /-</u></b>	2017242461
2017256815	2017234146	<b><u>C03C 4 /-</u></b>	2017237380	2017259887	<b><u>C08J 3 /-</u></b>
<b><u>B64C 29 /-</u></b>	<b><u>B65G 1 /-</u></b>	2017227065	<b><u>C07D 249 /-</u></b>	<b><u>C07F 9 /-</u></b>	2017243878
2017274156	2017229536	<b><u>C04B 111 /-</u></b>	2017231817	2017231824	<b><u>C08J 5 /-</u></b>
<b><u>B64C 39 /-</u></b>	<b><u>B65G 15 /-</u></b>	2017227065	2017258304	2017247103	2017221031
2017256815	2017242170	2017233909	<b><u>C07D 253 /-</u></b>	2017247798	2017243878
2017274156	<b><u>B65G 23 /-</u></b>	<b><u>C04B 35 /-</u></b>	2017231824	2017238392	2017250021
<b><u>B64D 33 /-</u></b>	2017229039	2017227065	<b><u>C07D 295 /-</u></b>	<b><u>C07H 21 /-</u></b>	2017250660
2017274156	<b><u>B65G 53 /-</u></b>	<b><u>C04B 38 /-</u></b>	2017231860	2017227608	<b><u>C08K 5 /-</u></b>
<b><u>B64D 37 /-</u></b>	2017247061	2017227065	<b><u>C07D 311 /-</u></b>	2017228365	2017243878
2016397049	<b><u>B65G 65 /-</u></b>	<b><u>C04B 41 /-</u></b>	2017230119	<b><u>C07H 5 /-</u></b>	<b><u>C08L 23 /-</u></b>
<b><u>B64F 1 /-</u></b>	2017217249	2017227065	<b><u>C07D 317 /-</u></b>	2017228365	2017273755
2016397049	<b><u>B65G 67 /-</u></b>	2017233909	2017247103	<b><u>C07K 14 /-</u></b>	<b><u>C08L 29 /-</u></b>
2017238589	2017217249	<b><u>C05B 7 /-</u></b>	<b><u>C07D 401 /-</u></b>	2016401692	2017250660
<b><u>B65B 5 /-</u></b>	<b><u>B65H 29 /-</u></b>	2016397288	2017231817	2017222450	<b><u>C09C 1 /-</u></b>
2016395149	2017229039	<b><u>C05C 1 /-</u></b>	2017231860	2017225733	2017229310
<b><u>B65B 55 /-</u></b>	<b><u>B65H 75 /-</u></b>	2017238123	2017232906	2017230011	2017230778
2017215877	2017220617	<b><u>C05C 5 /-</u></b>	2017235462	2017230855	<b><u>C09D 167 /-</u></b>
<b><u>B65B 57 /-</u></b>	<b><u>B66B 19 /-</u></b>	2017238123	<b><u>C07D 403 /-</u></b>	2017231108	2017229448
2016395149	2017242330	<b><u>C05C 7 /-</u></b>	2017231817	2017237912	<b><u>C09D 5 /-</u></b>
<b><u>B65D 17 /-</u></b>	<b><u>B66C 11 /-</u></b>	2017238123	2017231860	2017238246	2017233909
2017228251	2017240210	<b><u>C05C 9 /-</u></b>	2017247798	2017238390	<b><u>C09F 9 /-</u></b>
2017228777	<b><u>B66D 3 /-</u></b>	2017238123	2017258304	2017385096	2017314293
<b><u>B65D 39 /-</u></b>	2017240210	<b><u>C05G 3 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C09D 5 /-</u></b>
2017228251	<b><u>B67C 3 /-</u></b>	2017238123	2017232906	2017218415	2017233909
<b><u>B65D 43 /-</u></b>	2017215877	<b><u>C07C 13 /-</u></b>	2017247798	2017225733	<b><u>C09F 9 /-</u></b>
2017228777	<b><u>B67D 1 /-</u></b>	2017247103	<b><u>C07D 471 /-</u></b>	2017229495	2017314293
<b><u>B65D 5 /-</u></b>	2017242650	<b><u>C07C 205 /-</u></b>	2017231860	2017229575	<b><u>C09J 123 /-</u></b>
2017217615	2017242652	2017231860	<b><u>C07D 473 /-</u></b>	2017230011	2017273755
2017234146			2017247103	2017234009	<b><u>C09J 153 /-</u></b>
2017235840				2017234010	2017246738
				2017235387	<b><u>C09J 7 /-</u></b>
				2017247796	2017222427
				2017259869	<b><u>C09K 17 /-</u></b>
				2017369540	2017238123
				<b><u>C07K 19 /-</u></b>	
				2016401692	
				<b><u>C07K 4 /-</u></b>	
				2017238390	

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<b><u>C09K 8 /-</u></b>	2017234378 2017235461	<b><u>C22B 25 /-</u></b>		<b><u>E05B 65 /-</u></b>	<b><u>F02M 25 /-</u></b>
2017229475 2017368084	<b><u>C12N 7 /-</u></b>	2017218454	<b><u>D21H 23 /-</u></b>	2017215906	2017229114
<b><u>C10G 1 /-</u></b>	2017257302	<b><u>C22B 3 /-</u></b>	2016395426		<b><u>F03B 11 /-</u></b>
2017246680	<b><u>C12N 9 /-</u></b>	2017233945	<b><u>D21H 27 /-</u></b>	<b><u>E06B 3 /-</u></b>	2017229346
<b><u>C10G 35 /-</u></b>	2016401692 2017226172 2017228401 2017242123 2017317563 2017317564	<b><u>C22B 59 /-</u></b>	2016395426	2017217250	<b><u>F03D 17 /-</u></b>
2016396601 2017230031		2017233945	<b><u>E01D 19 /-</u></b>	<b><u>E06B 9 /-</u></b>	2017218738
<b><u>C10L 1 /-</u></b>		<b><u>C22B 7 /-</u></b>	2017235759	2017217250	<b><u>F03D 80 /-</u></b>
2017246679 2017246680	<b><u>C12P 1 /-</u></b>	2017218454	<b><u>E02D 27 /-</u></b>	<b><u>E21B 10 /-</u></b>	2017218738
<b><u>C11D 17 /-</u></b>	2017231506 2017236795	<b><u>C23F 11 /-</u></b>	2017233757	2017226923	<b><u>F04D 1 /-</u></b>
2017245481 2017250660	<b><u>C12P 13 /-</u></b>	2017368084	<b><u>E04B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	2017229346
<b><u>C11D 3 /-</u></b>	2017231506 2017242461	<b><u>C25B 1 /-</u></b>	2017230835 2017236985	2017226923 2017379926	<b><u>F04D 17 /-</u></b>
2017245481 2017317563 2017317564 2017368084	<b><u>C12P 19 /-</u></b>	2017236795	<b><u>E04B 9 /-</u></b>	<b><u>E21B 21 /-</u></b>	2017229346
<b><u>C12C 11 /-</u></b>	2017231506 2017242461	<b><u>C40B 30 /-</u></b>	2017236985	2017229475 2017234255	<b><u>F04D 29 /-</u></b>
2017242650 2017242652	<b><u>C12P 5 /-</u></b>	2017223600	<b><u>E04C 2 /-</u></b>	<b><u>E21B 23 /-</u></b>	2017229346 2017247025
<b><u>C12C 13 /-</u></b>	2017231506 2017242652	<b><u>C40B 40 /-</u></b>	2017229870 2017236985	2017225543 2017247017	<b><u>F04D 7 /-</u></b>
2017242650 2017242652	<b><u>C12P 7 /-</u></b>	2017223600	<b><u>E04D 11 /-</u></b>	<b><u>E21B 31 /-</u></b>	2017247025
<b><u>C12G 3 /-</u></b>	2017236795	<b><u>D03C 19 /-</u></b>	2017230835	<b><u>E21B 33 /-</u></b>	<b><u>F16C 19 /-</u></b>
2017242650 2017242652	<b><u>C12Q 1 /-</u></b>	2016280242	<b><u>E04D 3 /-</u></b>	2017252204	2017239014
<b><u>C12M 1 /-</u></b>	2016391100 2017214675 2017220785 2017223600 2017227608 2017228401 2017229787 2017229968 2017230952 2017277334	<b><u>D03D 13 /-</u></b>	2017230835	2017225543 2017231594 2017235786 2017247017	<b><u>F16C 33 /-</u></b>
2017236795		2017242170	<b><u>E04F 13 /-</u></b>	2017225543 2017231594 2017235786 2017247017	2017287189
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2017231506 2017236795 2017242123	2017230440	2017231614	<b><u>E04H 3 /-</u></b>	2017233702	2017233702
<b><u>C12N 15 /-</u></b>	<b><u>C13K 1 /-</u></b>	<b><u>D06F 81 /-</u></b>	2017230823	<b><u>F16F 15 /-</u></b>	2017235759
2016401692 2017226172 2017227608 2017230011 2017231108 2017231865 2017237912 2017238512 2017248637 2017251983	2017217073	2017234388	<b><u>E04H 5 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16F 7 /-</u></b>
<b><u>C12N 5 /-</u></b>	<b><u>C22B 1 /-</u></b>	<b><u>D06M 15 /-</u></b>	2017230823	2017229475	2016396166
2017225733 2017228466 2017230011 2017231580	20172227235	2017250021	<b><u>E05B 15 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16K 31 /-</u></b>
	<b><u>C22B 13 /-</u></b>	<b><u>D21C 3 /-</u></b>	2017235150	2016405318	<b><u>F16L 31 /-</u></b>
	2017218454	2017240576	<b><u>E05B 19 /-</u></b>	<b><u>E21C 41 /-</u></b>	2017231946
	<b><u>C22B 15 /-</u></b>	<b><u>D21H 3 /-</u></b>	2017231709 2017235150	2017256815	<b><u>F16L 27 /-</u></b>
	2017218454	<b><u>D21H 11 /-</u></b>	<b><u>E05B 27 /-</u></b>	<b><u>F01P 11 /-</u></b>	2017232795
		2017252024	2017231709 2017235150	2017217535	<b><u>F16L 3 /-</u></b>
		<b><u>D21H 17 /-</u></b>	<b><u>E05B 29 /-</u></b>	<b><u>F02B 43 /-</u></b>	2017236648
		2016395426 2017252024	2017235150	2017229114	<b><u>F16L 37 /-</u></b>
		<b><u>D21H 19 /-</u></b>	<b><u>E05B 35 /-</u></b>	<b><u>F02D 19 /-</u></b>	2017329243
		2017252024	2017235150	2016393847 2017229114	<b><u>F16L 58 /-</u></b>
		<b><u>D21H 21 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>F02M 21 /-</u></b>	2017229448
		2016395426	2017215906	2017229114	<b><u>F17C 7 /-</u></b>
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2017222695	2017239014	2017228859 2017229861 2017229863	2017229220	2016409896	2017224834 2017230719
<b>F21V 17 /-</b>	<b>G01N 1 /-</b>		<b>G06K 19 /-</b>	<b>G21C 1 /-</b>	<b>H04B 5 /-</b>
2017222695	2017233554	<b>G02C 7 /-</b>	2017226865	2017260307	2017229870
<b>F21V 21 /-</b>	<b>G01N 21 /-</b>	2017226644 2017234654	<b>G06K 9 /-</b>	<b>G21C 3 /-</b>	<b>H04B 7 /-</b>
2017222695	2017225767 2017229220 2017231820	<b>G02F 1 /-</b>	2017228989 2017231602 2017302250	2017260307	2017249059 2017249060 2017249072 2017252175 2017252176 2017254079 2017254388 2017256815 2017315859
<b>F21V 23 /-</b>	2017234681	2017247104	<b>G06Q 10 /-</b>	2017218456	
2017222695	<b>G01N 25 /-</b>	<b>G05B 19 /-</b>	2017227932 2017229342 2017231573	<b>H01H 9 /-</b>	
<b>F21V 33 /-</b>	2017229968	2017239164	<b>G06Q 20 /-</b>	2017218456	
2017215906	<b>G01N 29 /-</b>	<b>G05D 1 /-</b>	2017229124 2017229625 2017231106 2017241520	<b>H01L 31 /-</b>	
<b>F24F 1 /-</b>	2017235769	2017218906 2017256815	<b>G06Q 30 /-</b>	2017228268	<b>H04J 11 /-</b>
2016396507	<b>G01N 3 /-</b>	<b>G06F 1 /-</b>	2017229625 2017231106 2017241520	<b>H01M 12 /-</b>	2017254071
<b>F24F 11 /-</b>	2017340647	2017217024 2017224834 2017240614 2017247094	<b>G06Q 50 /-</b>	2017298995	<b>H04L 12 /-</b>
2017330796	<b>G01N 33 /-</b>	<b>G06F 12 /-</b>	2017229625 2017231602 2017241520	<b>H01M 2 /-</b>	2017229625 2017230189
<b>F24F 3 /-</b>	2017218415 2017220785 2017225767 2017229220	2017231835	<b>G06Q 50 /-</b>	2017298995	<b>H04L 27 /-</b>
2017230823	2017229495 2017229787 2017230706	<b>G06F 13 /-</b>	2016399634 2017217236 2017218456 2017229342 2017229625 2017231573	2017298995	2017249084 2017252163 2017254079
<b>F25J 1 /-</b>	2017229495 2017229787 2017230706	<b>G06F 17 /-</b>	<b>G06T 17 /-</b>	2017298995	
2017237356	2017234681 2017246588 2017258304 2017269336 2017340647	2016409896	2017229154	<b>H01M 8 /-</b>	<b>H04L 29 /-</b>
<b>F27B 9 /-</b>	2017234681 2017246588 2017258304 2017269336 2017340647	2016409896 2017219462 2017225541 2017228926 2017231602	<b>G06T 7 /-</b>	2017223239 2017242515	2016402775 2017230719
<b>G01C 22 /-</b>	2017340647	2016409896 2017219462 2017225541 2017228926 2017231602	<b>G06T 17 /-</b>	<b>H02J 13 /-</b>	<b>H04L 5 /-</b>
2017247159	<b>G01N 35 /-</b>	<b>G06F 19 /-</b>	2017229154	2017229632	2017246211 2017252163 2017254071 2017254079
<b>G01C 9 /-</b>	2017218456 2017225767 2017233554	2016391100 2017236782 2017259617	<b>G06T 7 /-</b>	<b>H02J 3 /-</b>	
2017229773	<b>G01F 11 /-</b>	<b>G06F 21 /-</b>	2016392399	2017244131	<b>H04M 1 /-</b>
<b>G01F 11 /-</b>	<b>G01P 3 /-</b>	2016391100 2017236782 2017259617	<b>G08B 17 /-</b>	<b>H02J 50 /-</b>	2017224834 2017230456 2017240614
2017247061	2017239014	<b>G06F 21 /-</b>	2017330796	2017249063	
<b>G01F 23 /-</b>	<b>G01V 1 /-</b>	2017216289 2017231835 2017236782	<b>G08C 17 /-</b>	<b>H02K 1 /-</b>	<b>H04M 3 /-</b>
2016397049	2017231572 2018203428	2017216289 2017231835 2017236782	2017259616	2017251536	2017235798
<b>G01J 1 /-</b>	<b>G01V 11 /-</b>	<b>G06F 3 /-</b>	<b>G08G 5 /-</b>	<b>H02K 16 /-</b>	<b>H04N 19 /-</b>
2017229220 2017231820	2016405318	2017228989 2017230317 2017231835 2017236782	2017238589	2017251536	2017249135
<b>G01L 19 /-</b>	<b>G01V 99 /-</b>	<b>G06F 8 /-</b>	<b>G09B 19 /-</b>	<b>H02K 3 /-</b>	<b>H04W 16 /-</b>
2017229773	2017219462	2016396782	2017230456	2017251536	2017249084 2017250947
<b>G01L 7 /-</b>	<b>G02B 27 /-</b>	<b>G06F 9 /-</b>	<b>G09B 23 /-</b>	<b>H03M 1 /-</b>	<b>H04W 24 /-</b>
2017229773	2017228989 2017250016	2016396782	2017229154 2017230317	2017239164	2016397908
<b>G01L 9 /-</b>	<b>G02B 5 /-</b>	<b>G06F 9 /-</b>	<b>G09B 9 /-</b>	<b>H03M 13 /-</b>	<b>H04W 28 /-</b>
2017229773	2017247104	2016396782	2017263002	2017250947	2016397908 2017249015

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2017249006  
2017252988

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2017252167

**H04W 52 /-**

2017230719

**H04W 56 /-**

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**H04W 72 /-**

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2017249072  
2017249084  
2017249974  
2017252163  
2017254071

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**H04W 88 /-**

2017250947

**H05K 5 /-**

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 A61P 3/10 ( 2006.01 )  
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     **A45D 44/00** ( 2006.01 )  
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**A01N 43/56** ( 2006.01 )  
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**C07D 401/04** ( 2006.01 )  
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**B60J 11/00** ( 2006.01 )  
**B63C 15/00** ( 2006.01 )  
**E04H 6/04** ( 2006.01 )  
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**A23L 33/15** ( 2016.01 )  
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**C09D 5/16** ( 2006.01 )  
**A61L 29/08** ( 2006.01 )  
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**B05D 3/10** ( 2006.01 )  
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2013406700	Avigilon Corporation	2014318984	Ab Initio Technology LLC
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2014218520	Laing O'Rourke Australia Pty Limited	2014343437	Optibiotix Limited
2014218720	Samumed, LLC	2014345342	Promentis Pharmaceuticals, Inc.
2014224084	Schneider Electric Industries SAS	2014346591	The General Hospital Corporation
2014227482	Covidien LP	2014346641	Whisbi Technologies, S.L.
2014227824	Dana-Farber Cancer Institute, Inc.	2014347795	Meredith, D.
2014229727	Depuy Ireland Unlimited Company	2014354570	Philip Morris Products S.A.
2014229812	Croydex Limited	2014359188	The University of Queensland
2014234316	BioTech Tools S.A.	2014366874	Rio Tinto Alcan International Limited
2014236364	CyMedica, Inc.	2014369374	Bellavia, C.
2014236683	Amgen Inc.	2014386736	Eco Factory Co., Ltd.
2014236769	Amgen Inc.	2014393532	Sun Tool Corporation
2014239952	KCI Licensing, Inc.	2014394518	Facebook, Inc.
2014240596	Amgen Inc.	2014412031	Sewoncellontech Co., Ltd.
2014241163	ForSight Vision4, Inc.	2014412124	King Furniture Australia Pty Ltd
2014241867	Ethicon, Inc.	2015201499	The Boeing Company
2014242176	CareFusion 303, Inc.	2015201625	Linde Aktiengesellschaft
2014243756	The United States of America, as Represented by the Secretary, Department of Health and Human Services	2015202096	Devro (Scotland) Limited
2014244083	The United States of America, as represented by the Secretary, Department of Health and Human Services	2015206906	Connexio Life Sciences Pvt. Ltd.
2014248538	BIOSENSE WEBSTER (ISRAEL) LTD.	2015207690	DCNS
2014249259	Glaukos Corporation	2015208375	Qualcomm Incorporated
2014250672	GAMBRO LUNDIA AB; Charite Universitätsmedizin Berlin	2015210791	Caterpillar Global Mining Europe GmbH
2014254019	ARMO BioSciences, Inc.	2015215240	Mausser-Werke GmbH
2014256411	Carnegie Mellon University; Iowa State University Research Foundation, Inc.; Deere & Company	2015215277	Nine IP Limited
2014257313	BioMerieux, Inc.	2015217665	Gojo Industries, Inc.
2014261728	GlucaNova AB	2015229109	Institut de Recherche en Semiochimie et Ethologie Appliquee
2014262129	Neoculi Pty Ltd	2015233073	The Australian National University
2014264936	Galapagos NV	2015234688	DeguDent GmbH
2014265279	Incyte Corporation	2015238275	Audimax, LLC
2014265446	Johnson & Johnson Vision Care, Inc.	2015247503	Sambusseti, A.
2014268358	Graphic Packaging International, LLC	2015248579	Clariant International Ltd
2014268739	Johnson & Johnson Vision Care, Inc.	2015251218	Alakai Technologies Corporation
2014273173	Janssen Vaccines & Prevention B.V.	2015253168	Unisense Fertiliteltech A/S
2014274812	Synergy Pharmaceuticals, Inc.	2015258081	Inventio AG
2014275471	Haynes International, Inc.	2015266277	Macrogenics, Inc.
		2015266797	Gilead Sciences, Inc.
		2015274696	3M Innovative Properties Company
		2015277152	The Regents of the University of Minnesota; Ecolab USA Inc.
		2015277587	

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2015278744	Novartis AG	2016253588	Gen-Probe Incorporated
2015287139	Deutsches Krebsforschungszentrum	2016254859	Dow Global Technologies LLC
2015288159	Cardiac Pacemakers, Inc.	2016262748	Denso Corporation
2015289560	Oregon Health & Science University	2016263563	Ecolab USA Inc.; Basf SE
2015290047	Carolina Color Corporation	2016264202	Ecolab USA Inc.; BASF SE
2015294394	Medtronic Minimed, Inc.	2016265997	Honeywell International Inc.
2015295135	Lohr Electromecanique	2016273822	YUAN CHENG AUTO ACCESSORIES MANUFACTURER CO., LTD.
2015296253	USNR, LLC		
2015297377	Sekisui Chemical Co., Ltd.	2016274797	The Board of Trustees of The University of Illinois
2015302089	W. L. Gore & Associates, Inc.	2016275349	CAR S.r.l.
2015310558	University of the Free State	2016277638	XceedID Corporation
2015315287	Growlerwerks, Inc.	2016277654	Lumicell, Inc.
2015315524	Cook Medical Technologies LLC	2016282697	Amazon Technologies, Inc.
2015316940	Hoffmeister Leuchten GmbH	2016286520	Elekta Ltd.
2015318007	W.L. Gore & Associates, Inc.	2016286574	Guangdong OPPO Mobile Telecommunications Corp., Ltd
2015321491	Boston Scientific Neuromodulation Corporation		
2015327446	Huawei Technologies Co., Ltd.	2016288473	Huang, L.
2015327665	Novadaq Technologies ULC	2016294631	Shenzhen Skyworth-RGB Electronic Co., Ltd
2015339656	Bendix Spicer Foundation Brake LLC	2016296403	Motorola Solutions, Inc.
2015341926	Janssen Vaccines & Prevention B.V.	2016299098	Borealis AG
2015349914	The Gillette Company LLC	2016302798	LG Electronics Inc.
2015353502	KemPharm, Inc.	2016317582	Dow AgroSciences LLC
2015364875	Fujitsu General Limited	2016318336	Dow AgroSciences LLC
2015364901	Daikin Industries, Ltd.	2016325187	Toray Advanced Materials Korea Inc.
2015365945	Gilead Sciences, Inc.	2016326289	ELC Management LLC
2015369801	Colgate-Palmolive Company	2016328478	Synerz Medical, Inc.
2015371198	Gilead Sciences, Inc.; Institute of Organic Chemistry and Biochemistry of the AS CR, v.v.i.	2016333816	Cordio Medical Ltd.
		2016335983	Milacron LLC
2015371255	Gilead Sciences, Inc.; Institute of Organic Chemistry and Biochemistry of the AS CR, v.v.i.	2016350960	Qingdao Kingagroot Chemical Compounds Co., Ltd
		2016358306	Trio Hinging Australia Pty Ltd
2015371337	Klinikum Rechts der Isar der Technischen Universitaet Muenchen	2016380302	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2015376085	MEDACTA INTERNATIONAL SA	2016409494	Cura Global Health (BVI) Limited
2015379572	Apple Inc.	2017200067	Phytogen Seed Company LLC
2015379814	Xinjiang Goldwind Science & Technology Co., Ltd.	2017200709	ESCO Group LLC
2015380696	Halliburton Energy Services, Inc.	2017200953	Albemarle Corporation
2015383164	Halliburton Energy Services, Inc.	2017201003	Collagen Solutions NZ Limited
2015387496	Halliburton Energy Services, Inc.	2017201009	Indigo Agriculture, Inc.; Indigo AG, Inc.
2015395673	Halliburton Energy Services, Inc.	2017201081	President and Fellows of Harvard College
2015402888	Huawei Technologies Co., Ltd.	2017201276	Relypsa, Inc.
2016202950	Great Aussie Ideas Pty Ltd	2017201572	Biocon Limited
2016203159	Weatherford Technology Holdings, LLC	2017201578	Ecolab USA Inc.
2016203222	Apple Inc.	2017201625	Heraeus Medical GmbH
2016206146	Lemken GmbH & Co. KG	2017201631	Heraeus Medical GmbH
2016207311	LG Electronics Inc.	2017201875	Teleflex Medical Incorporated
2016207690	Pisapia, A.	2017201916	Ironwood Pharmaceuticals, Inc; Bionomics Limited
2016210641	IHI Corporation	2017202106	Covidien LP
2016214102	Pfizer Inc.	2017202165	Ecolab USA Inc.
2016216648	The Nielsen Company (US), LLC	2017202570	KABUSHIKI KAISHA TOSHIBA
2016217603	Panasonic Intellectual Property Management Co., Ltd.	2017202582	KABUSHIKI KAISHA TOSHIBA
2016218303	Gates Corporation	2017202879	Halliburton Energy Services, Inc.
2016218656	Kennett, R.	2017202991	Beijing Zhongkaihongde Technology Co., Ltd.; Institute of Process Engineering, Chinese Academy of Sciences
2016222728	Hycor BioMedical, LLC		
2016224238	Envac Co., Ltd.	2017203668	Apple Inc.
2016224314	Samsung Electronics Co., Ltd.	2017203747	Reflex Technology International Pty Ltd
2016225852	Ionis Pharmaceuticals, Inc.	2017204427	Kabushiki Kaisha Toshiba
2016225950	Applied Explosives Technology Pty Limited	2017204476	Samsung Electronics Co., Ltd.
2016228225	RUD Ketten Rieger & Dietz GmbH u. Co. KG	2017204591	Dow AgroSciences, LLC
2016229847	Apple Inc.	2017204734	Google Technology Holdings LLC
2016229966	Atea Pharmaceuticals, Inc.	2017204787	Novozymes Bioag A/S
2016231648	Titan Trailers Inc.	2017204794	Vidacare LLC
2016232142	Purac Biochem BV	2017204836	OUT OF THE BOX BOAT TRAILERS PTY LTD
2016233286	Med-EI Elektromedizinische Geraete GmbH	2017204858	Apple Inc.
2016237834	Sony Corporation	2017207224	Weatherford Technology Holdings, LLC
2016244535	Daikin Industries, Ltd.	2017208397	CDE Global Limited
2016244708	Nalitchaev, I.	2017210524	CONTINUOUS RETORTS LIMITED
2016247166	Acceleron Pharma Inc.	2017213568	Dormer, K.
2016247175	Samsung Electronics Co., Ltd.	2017217455	Equality Cosmetics, Inc.
2016248378	Huawei Technologies Co., Ltd.	2017219130	Leman Micro Devices SA
2016250398	GENENTECH, INC.; AIMM THERAPEUTICS B.V.	2017222700	Imunexus Pty Ltd
2016251185	National Electric Net Ltd; Jiangxi Electric Power Science Research Institute	2017224983	Daikin Industries, Ltd.
		2017232062	NICO Corporation

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**2017239499** InGrain, Inc.  
**2017245292** Novartis AG  
**2017248514** Intervet International B.V.  
**2017251742** Ecolab USA Inc.  
**2017254971** Halliburton Energy Services, Inc.  
**2017261624** Samsung Electronics Co., Ltd.  
**2018202584** Poviva Tea, LLC  
**2018203362** EPOCH Company, Ltd.  
**2018204344** THE CHINESE UNIVERSITY OF HONG KONG

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2016206146	2016317582	2016326289	<b><u>A61B 3 /-</u></b>		
<b><u>A01B 63 /-</u></b>	<b><u>A01N 57 /-</u></b>	<b><u>A45D 40 /-</u></b>	2014249259 2014268739	2014264936 2014265279 2014283378 2014294866 2014307872 2014346591 2015207690 2015233073 2015274696 2015353502 2015365945 2015371198 2015371255 2016214102 2016225852 2016229966 2016274797 2017201276 2017201916 2017245292 2017248514	<b><u>A61K 6 /-</u></b> 2015238275
2016206146	2015251218	2016326289	<b><u>A61B 34 /-</u></b>		
<b><u>A01D 31 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A45D 44 /-</u></b>	2014277975	2014307872 2014346591 2015207690 2015233073 2015274696 2015353502 2015365945 2015371198 2015371255 2016214102 2016225852 2016229966 2016274797 2017201276 2017201916 2017245292 2017248514	<b><u>A61K 8 /-</u></b> 2015229109
2014256411	2014366874	2017217455	<b><u>A61B 5 /-</u></b>		
<b><u>A01G 13 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A45F 5 /-</u></b>	2013230841 2014236364 2014248538 2014257313 2014268739 2015379572 2016333816 2017219130	2015233073 2015274696 2015353502 2015365945 2015371198 2015371255 2016214102 2016225852 2016229966 2016274797 2017201276 2017201916 2017245292 2017248514	<b><u>A61K 9 /-</u></b> 2011279557 2013305563 2013351919 2013353575 2014234316
2015217665	2014366874 2016274797	2017204858	<b><u>A61B 6 /-</u></b>		
<b><u>A01G 9 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A46B 11 /-</u></b>	2014248538 2015327665	2015233073 2015274696 2015353502 2015365945 2015371198 2015371255 2016214102 2016225852 2016229966 2016274797 2017201276 2017201916 2017245292 2017248514	<b><u>A61K 9 /-</u></b> 2011279557 2013305563 2013351919 2013353575 2014234316
2015217665	2014366874	2015369801	<b><u>A61B 6 /-</u></b>		
<b><u>A01H 4 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A46B 15 /-</u></b>	2014248538 2015327665	2015233073 2015274696 2015353502 2015365945 2015371198 2015371255 2016214102 2016225852 2016229966 2016274797 2017201276 2017201916 2017245292 2017248514	<b><u>A61L 2 /-</u></b> 2017251742
2017200067	2016350960 2017204591	2015349914 2015369801	<b><u>A61C 17 /-</u></b>		
<b><u>A01H 5 /-</u></b>	<b><u>A01P 15 /-</u></b>	<b><u>A46B 9 /-</u></b>	2015369801	2014248538 2015327665	<b><u>A61L 27 /-</u></b> 2014412124 2015371337 2017201003
2017200067	2015251218	2015349914	<b><u>A61F 11 /-</u></b>		
<b><u>A01N 1 /-</u></b>	<b><u>A22C 13 /-</u></b>	<b><u>A47B 21 /-</u></b>	2016233286	2013351919 2014236769 2014333564 2014345342 2018202584	<b><u>A61L 29 /-</u></b> 2017201081
2016274797 2017232062	2015206906	2015201499	<b><u>A61F 2 /-</u></b>		
<b><u>A01N 25 /-</u></b>	<b><u>A23C 1 /-</u></b>	<b><u>A47B 23 /-</u></b>	2014201453 2014229727 2014241867 2014265446 2014317165 2015248579 2015318007 2015376085 2016233286 2017200953	2013351919 2014236769 2014333564 2014345342 2018202584	<b><u>A61L 31 /-</u></b> 2017200953 2017201003
2014366874 2015251218	2014312813	2015201499	<b><u>A61F 9 /-</u></b>		
<b><u>A01N 31 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A47B 96 /-</u></b>	2014241163	2013344753 2014243756 2014254019 2014291961	<b><u>A61L 33 /-</u></b> 2017201081
2015277587	2016409494	2016275349 2017204476	<b><u>A61H 1 /-</u></b>		
<b><u>A01N 33 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47C 7 /-</u></b>	2014236364 2016328478	2013344753 2014243756 2014254019 2014291961	<b><u>A61M 1 /-</u></b> 2014250672 2014336414
2015277587	2017210524	2015201499	<b><u>A61J 1 /-</u></b>		
<b><u>A01N 37 /-</u></b>	<b><u>A23L 31 /-</u></b>	<b><u>A47K 13 /-</u></b>	2014257313	2013307319 2014234316 2014243756 2014244083 2014273173 2014291961 2015266797 2015289560 2015341926 2016250398 2017222700	<b><u>A61M 25 /-</u></b> 2015248579 2017204794
2015233073 2015251218	2016409494	2014229812	<b><u>A61K 31 /-</u></b>		
<b><u>A01N 39 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47L 9 /-</u></b>	2011279557 2013344753 2013356533 2014203521	2013307319 2014234316 2014243756 2014244083 2014273173 2014291961 2015266797 2015289560 2015341926 2016250398 2017222700	<b><u>A61M 39 /-</u></b> 2014242176
2015251218	2016409494 2018202584	2016207311	<b><u>A61K 45 /-</u></b>		
<b><u>A01N 41 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A61B 1 /-</u></b>	2017201276	2013307319 2014234316 2014243756 2014244083 2014273173 2014291961 2015266797 2015289560 2015341926 2016250398 2017222700	<b><u>A61M 5 /-</u></b> 2014281715 2015294394
2015251218	2014307962	2015315524 2017202106	<b><u>A61K 47 /-</u></b>		
<b><u>A01N 43 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 10 /-</u></b>	2014236364	2017201276	
2014318984 2016317582 2016318336 2016350960 2017204591 2017204787	2013382371 2014307962 2014359188	2017204794 2017232062	<b><u>A61K 48 /-</u></b>		
<b><u>A01N 47 /-</u></b>	<b><u>A43B 23 /-</u></b>	<b><u>A61B 17 /-</u></b>	2011279557 2013305563 2014234316 2015278744	2014236364 2014239952 2015302089 2017201625	<b><u>A61N 1 /-</u></b> 2014236364 2015321491
2016317582 2016318336	2014292796	2014201453 2014227482 2014236364 2014239952 2015302089 2017201625	<b><u>A61K 31 /-</u></b>	2014273173 2016225852	<b><u>A61N 5 /-</u></b> 2016286520

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<b>A61P 25 /-</b>	2015310558	2017201081	<b>B60J 7 /-</b>	2015215277	<b>C03B 19 /-</b>
2011279557	<b>A63B 67 /-</b>	<b>B05D 5 /-</b>	2016273822	2016326289	2015238275
2014346591	2013346539	2017201081	<b>B60P 1 /-</b>	<b>B65D 55 /-</b>	<b>C03B 32 /-</b>
2015274696	<b>A63B 69 /-</b>	<b>B05D 7 /-</b>	2016231648	2017232086	2015238275
2015353502	2013346539	2014394518	2017204836	<b>B65D 6 /-</b>	<b>C03C 1 /-</b>
2016225852	<b>A63H 33 /-</b>	<b>B07B 1 /-</b>	<b>B60P 3 /-</b>	2017213568	2017208397
2017201916	2018203362	2017208397	2015295135	<b>B65D 71 /-</b>	<b>C03C 10 /-</b>
<b>A61P 29 /-</b>	<b>B01D 15 /-</b>	<b>B08B 17 /-</b>	2017204836	2014268358	2015238275
2014265279	2014240596	2017201081	<b>B60P 7 /-</b>	<b>B65D 85 /-</b>	<b>C03C 27 /-</b>
2015365945	<b>B01D 53 /-</b>	<b>B09C 1 /-</b>	2016202950	2017213568	2015297377
<b>A61P 3 /-</b>	2014287896	2015310558	<b>B61L 27 /-</b>	<b>B65F 1 /-</b>	<b>C03C 3 /-</b>
2014345342	2014338752	<b>B23Q 17 /-</b>	2013332426	2016224238	2015238275
2015207690	2016288473	2015296253	<b>B62D 63 /-</b>	<b>B65F 5 /-</b>	<b>C03C 4 /-</b>
2015274696	2017204427	<b>B28B 1 /-</b>	2016231648	2016224238	2015238275
2015365945	<b>B01D 61 /-</b>	2014218520	<b>B63B 17 /-</b>	<b>B65G 17 /-</b>	<b>C04B 22 /-</b>
<b>A61P 31 /-</b>	2012394438	<b>B28B 7 /-</b>	2016207690	2015266277	2017254971
2014254019	<b>B01D 65 /-</b>	2014218520	<b>B63C 15 /-</b>	<b>B65G 67 /-</b>	<b>C04B 28 /-</b>
2014262129	2012394438	2014315746	2016207690	2016231648	2017254971
2015371198	<b>B01D 9 /-</b>	<b>B29C 45 /-</b>	<b>B63G 13 /-</b>	<b>B66B 23 /-</b>	<b>C07C 241 /-</b>
2015371255	2014312813	2014343437	2015208375	2015266277	2014262129
2016250398	<b>B01F 13 /-</b>	<b>B29C 49 /-</b>	<b>B63J 2 /-</b>	<b>B66B 29 /-</b>	<b>C07C 249 /-</b>
<b>A61P 33 /-</b>	2017201625	2016335983	2015208375	2015266277	2014262129
2017248514	2017217455	<b>B29C 67 /-</b>	<b>B64C 13 /-</b>	<b>B67D 1 /-</b>	<b>C07C 275 /-</b>
<b>A61P 35 /-</b>	<b>B01F 15 /-</b>	2014218520	2015201625	2015315287	2014262129
2013356533	2017201625	<b>B32B 27 /-</b>	<b>B64C 27 /-</b>	<b>B67D 7 /-</b>	2016317582
2014203521	<b>B01F 3 /-</b>	2015297377	2015253168	2016218656	2016318336
2014244083	2017201631	<b>B32B 3 /-</b>	<b>B64C 29 /-</b>	<b>B82Y 40 /-</b>	<b>C07C 279 /-</b>
2014265279	<b>B01F 5 /-</b>	2017200953	2016210641	2015234688	2014262129
2014283378	2013336424	<b>B32B 37 /-</b>	<b>B65D 1 /-</b>	<b>B82Y 5 /-</b>	<b>C07C 281 /-</b>
2014294866	<b>B01J 12 /-</b>	2015234688	2015315287	2013353575	2014262129
2014307872	2014338752	<b>B60B 27 /-</b>	<b>B65D 21 /-</b>	<b>C01F 7 /-</b>	<b>C07C 323 /-</b>
2015274696	<b>B03B 5 /-</b>	2016218303	2017213568	2014369374	2014346591
2015365945	2017208397	<b>B60C 1 /-</b>	<b>B65D 39 /-</b>	<b>C02F 1 /-</b>	<b>C07C 327 /-</b>
2016277654	2017208397	2015290047	2015215277	2012394438	2014346591
2017245292	<b>B03B 9 /-</b>	<b>B60J 1 /-</b>	<b>B65D 41 /-</b>	2014276923	<b>C07C 337 /-</b>
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2014203521	<b>B05B 1 /-</b>	<b>B60J 1 /-</b>	<b>B65D 43 /-</b>	2017200953	<b>C07C 57 /-</b>
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2014294866	<b>B05D 1 /-</b>				
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2017248514	2015207690	2013307319 2014236769 2014240596	2016254859 2016263563 2016264202	2014369374	2016207690
<b>C07D 217 /-</b>	<b>C07D 413 /-</b>	2015266797 2016250398 2017201572	<b>C11D 17 /-</b>	<b>C22B 3 /-</b>	<b>E05B 17 /-</b>
2014203521	2014264936 2014318984 2015365945	<b>C07K 17 /-</b>	<b>C11D 3 /-</b>	2014369374	2016358306
<b>C07D 231 /-</b>	<b>C07D 417 /-</b>	2017222700	2015229109	<b>C22C 19 /-</b>	<b>E05B 63 /-</b>
2016350960	2014264936 2014283378 2014318984	<b>C07K 19 /-</b>	2016263563 2016264202	<b>C23F 11 /-</b>	2016358306
<b>C07D 235 /-</b>	2015207690	2017201572 2017222700	<b>C11D 7 /-</b>	2017202165	<b>E05C 17 /-</b>
2015207690	<b>C07D 239 /-</b>	<b>C07K 7 /-</b>	2015229109 2017201578	<b>C25B 11 /-</b>	2014354570
<b>C07D 239 /-</b>	2015371198	<b>C07K 7 /-</b>	<b>C12M 1 /-</b>	2014276923	2016358306
2015371198	<b>C07D 471 /-</b>	2014274812	2015258081	<b>C25B 9 /-</b>	<b>E06B 7 /-</b>
<b>C07D 241 /-</b>	2014294866 2014318984 2015371255 2016214102	<b>C08G 61 /-</b>	<b>C12M 3 /-</b>	2014276923	2015208375
2014346591	<b>C07D 473 /-</b>	2017201276	2015258081	<b>D01F 8 /-</b>	<b>E21B 21 /-</b>
<b>C07D 249 /-</b>	2015274696	<b>C08G 73 /-</b>	<b>C12N 1 /-</b>	2015217665	2015395673 2016203159 2017202879
2016318336	<b>C07D 475 /-</b>	2017201276	2016409494 2017201009	<b>D01F 9 /-</b>	<b>E21B 23 /-</b>
<b>C07D 277 /-</b>	2014307872	<b>C08K 5 /-</b>	<b>C12N 11 /-</b>	2015217665	2017207224
2015207690 2017248514	<b>C07D 487 /-</b>	2015297377 2016325187	2013351919	<b>D04B 21 /-</b>	<b>E21B 25 /-</b>
<b>C07D 307 /-</b>	2015274696	<b>C08K 7 /-</b>	<b>C12N 15 /-</b>	2015217665	2017203747 2017213568
2016232142 2016317582	<b>C07D 489 /-</b>	2016325187	2014243756 2014273173 2014366874	<b>D04G 1 /-</b>	<b>E21B 33 /-</b>
<b>C07D 327 /-</b>	2015353502	<b>C08L 101 /-</b>	2015289560 2016250398	2015217665	2014339768 2016203159
2014346591	<b>C07D 513 /-</b>	2015297377	<b>C12N 5 /-</b>	<b>D06F 37 /-</b>	<b>E21B 34 /-</b>
<b>C07D 333 /-</b>	2014318984 2015274696	<b>C08L 23 /-</b>	2013368224	2016224314	2016224314
2014264936	<b>C07H 19 /-</b>	2016299098	<b>C12N 9 /-</b>	<b>D06F 39 /-</b>	<b>E21B 39 /-</b>
<b>C07D 401 /-</b>	2016229966	<b>C08L 63 /-</b>	2013217568 2013307319	2016224314	2014339768 2017202879
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2015274696 2015365945 2015371198	<b>C07K 1 /-</b>	<b>C08L 67 /-</b>	2016409494	2013390336	2015383164 2017207224
<b>C07D 403 /-</b>	2016225852	2015371337	<b>C12P 21 /-</b>	<b>E02F 9 /-</b>	<b>E21B 47 /-</b>
2014262129 2014265279 2014318984	<b>C07K 14 /-</b>	<b>C09D 5 /-</b>	2015266797 2017222700	2017200709	2015380696 2015387496 2016203159
2015274696 2016350960	<b>C09J 123 /-</b>	2017201081	<b>C12Q 1 /-</b>	<b>E04B 1 /-</b>	<b>E21C 27 /-</b>
<b>C07D 405 /-</b>	2014227824 2014236683 2014240596	2016299098		2014218520	2015215240
				<b>E04D 1 /-</b>	<b>E21C 31 /-</b>
				2014386736	2015215240

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<b><u>F04B 39 /-</u></b>	<b><u>F21S 4 /-</u></b>	2016302798	<b><u>G01V 8 /-</u></b>	2014265446	<b><u>H01R 4 /-</u></b>
2017201875	2015316940	<b><u>F25D 11 /-</u></b>	2016294631	<b><u>G06K 7 /-</u></b>	2016218656
<b><u>F04C 18 /-</u></b>	<b><u>F21S 8 /-</u></b>	2016302798	<b><u>G01V 9 /-</u></b>	2017213568	2016251185
2015364875	2016244708	<b><u>F25D 21 /-</u></b>	2015380696	<b><u>G06K 9 /-</u></b>	<b><u>H02B 1 /-</u></b>
<b><u>F04C 23 /-</u></b>	<b><u>F21V 29 /-</u></b>	2016302798	<b><u>G02B 6 /-</u></b>	2016216648	2015316940
2015364875	2016244708	<b><u>F25D 23 /-</u></b>	2014300959	2017204734	<b><u>H02G 15 /-</u></b>
<b><u>F04C 29 /-</u></b>	<b><u>F21V 3 /-</u></b>	2017204476	<b><u>G02C 7 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2014210641
2015364875	2015316940	<b><u>F25D 25 /-</u></b>	2014201486	2016224238	<b><u>H02H 7 /-</u></b>
<b><u>F16B 12 /-</u></b>	<b><u>F21V 33 /-</u></b>	2017204476	2014265446	<b><u>G06T 11 /-</u></b>	2014224084
2016275349	2015316940	<b><u>F25D 29 /-</u></b>	2014268739	2016229847	<b><u>H02J 3 /-</u></b>
<b><u>F16B 13 /-</u></b>	<b><u>F21V 5 /-</u></b>	2016302798	2014311519	<b><u>G06T 3 /-</u></b>	2016247175
2016275349	2015316940	<b><u>F25J 3 /-</u></b>	<b><u>G05B 19 /-</u></b>	2016286574	<b><u>H02J 50 /-</u></b>
<b><u>F16D 1 /-</u></b>	<b><u>F21W 131 /-</u></b>	2015202096	2015296253	<b><u>G06T 7 /-</u></b>	2016296403
2016218303	2015316940	<b><u>F42B 1 /-</u></b>	2016265997	2016286574	<b><u>H02J 7 /-</u></b>
<b><u>F16D 51 /-</u></b>	<b><u>F21Y 115 /-</u></b>	2016225950	<b><u>G05B 23 /-</u></b>	<b><u>G08B 13 /-</u></b>	2016302798
2015339656	2015316940	<b><u>G01B 11 /-</u></b>	<b><u>G05D 23 /-</u></b>	2013406700	<b><u>H02J 9 /-</u></b>
<b><u>F16D 65 /-</u></b>	<b><u>F23G 5 /-</u></b>	2014310703	2016247175	<b><u>G09F 19 /-</u></b>	2016282697
2015339656	2014287896	2017202106	<b><u>G06F 1 /-</u></b>	2016294631	2016302798
<b><u>F16G 11 /-</u></b>	<b><u>F23G 7 /-</u></b>	<b><u>G01D 21 /-</u></b>	2015402888	<b><u>G10L 19 /-</u></b>	<b><u>H02K 1 /-</u></b>
2016228225	2014287896	2016380302	2016282697	2015210791	2015379814
<b><u>F16G 15 /-</u></b>	<b><u>F24F 1 /-</u></b>	<b><u>G01J 3 /-</u></b>	<b><u>G06F 12 /-</u></b>	<b><u>H01L 25 /-</u></b>	<b><u>H02K 5 /-</u></b>
2016228225	2014393532	2017217455	2013406700	2016217603	2015379814
<b><u>F16H 55 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G01M 13 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H02M 7 /-</u></b>
2016218303	2017224983	2016380302	2016286520	2015315524	2016217603
<b><u>F16H 57 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01M 15 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H03D 1 /-</u></b>
2016218303	2014208323	2016380302	2013406700	2015288159	2015247503
<b><u>F16L 1 /-</u></b>	<b><u>F24F 5 /-</u></b>	<b><u>G01N 13 /-</u></b>	2017203668	<b><u>H01M 4 /-</u></b>	<b><u>H04B 10 /-</u></b>
2014343437	2014208323	2013336424	2017204734	2015288159	2016248378
<b><u>F16L 25 /-</u></b>	2014393532	<b><u>G01N 21 /-</u></b>	<b><u>G06F 19 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04B 17 /-</u></b>
2016218656	<b><u>F24F 7 /-</u></b>	2014276335	2014311519	2014265446	2016237834
<b><u>F16L 58 /-</u></b>	2014208323	2015327665	<b><u>G06F 21 /-</u></b>	<b><u>H01Q 15 /-</u></b>	<b><u>H04B 5 /-</u></b>
2014343437	2014208323	2016222728	2013224670	2015208375	2016224238
<b><u>F16L 59 /-</u></b>	<b><u>F25B 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 3 /-</u></b>	2015208375	<b><u>H04B 7 /-</u></b>
2014343437	2015364901	2013230841	2016203222	<b><u>H01Q 17 /-</u></b>	2016237834
<b><u>F17C 1 /-</u></b>	<b><u>F25B 13 /-</u></b>	2013336424	2016229847	2015208375	<b><u>H04H 60 /-</u></b>
2016325187	2015364901	2014346641	<b><u>G06F 7 /-</u></b>	<b><u>H01Q 7 /-</u></b>	2016216648
<b><u>F21S 13 /-</u></b>	<b><u>F25B 29 /-</u></b>	2016277654	2014326734	2014265446	<b><u>H04J 99 /-</u></b>
2016244708	2016244535	<b><u>G01R 19 /-</u></b>	<b><u>G06F 9 /-</u></b>	2016233286	2016237834
	<b><u>F25B 49 /-</u></b>	2014224084	2013266420	<b><u>H06K 19 /-</u></b>	<b><u>H04L 12 /-</u></b>
		<b><u>G01V 3 /-</u></b>	2016229847		
		2015387496			
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2014281331  
2017202570  
2017202582  
2017261624

**H04N 5 /-**

2013406700  
2015315524  
2016262748  
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**H04W 16 /-**

2016237834

**H04W 4 /-**

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 (11) AU-B-2018100086  
 (21) 2018100086 (22) 18.01.2018  
 (54) Juice extraction module for juicer  
 (51) Int. Cl.  
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 (72) KIM, Jong Boo  
 (74) FB Rice Pty Ltd
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 (21) 2015101015 (22) 29.07.2015  
 (54) Bracket  
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     **A47B 96/00** ( 2006.01 )  
 (45) 27.09.2018  
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 (74) Armour IP
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 (51) Int. Cl.  
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 (45) 27.09.2018  
 (72) Aly, Kenneth Mervyn  
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 (21) 2018100923 (22) 03.07.2018  
 (54) Cannabis Composition  
 (51) Int. Cl.  
     **A61K 31/352** ( 2006.01 )  
     **A61K 31/05** ( 2006.01 )  
     **A61K 36/00** ( 2006.01 )  
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**2018100086** NUC Electronics Co., Ltd.; KIM, J.T.  
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**E01C 13 /-**

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**F16K 3 /-**

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**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2016204473 **K-Fee System GmbH** ( Koninklijke Douwe Egberts B.V. )

**Opposition Withdrawn**

2014228983 **Sanofi Pasteur, Inc.** ( Wyeth, LLC )

2014308544 **Tama Plastic Industry** ( SALL ENTERPRISES PTY LTD )

**Opposition under Section 104(4) - Lodged**

2001260212 **GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Limited** ( Generic Partners Pty. Ltd. )

2001260212 **GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Limited** ( Apotex Pty Ltd )

2001260212 **GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Limited** ( Alphapharm Pty Ltd )

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2012364760	2013203661	2013207597	2013212531
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2013300237	2013303762	2013305534	2013312372
2013312477	2013315110	2013322269	2013324144
2013326901	2013327649	2013333692	2013334602
2013342069	2013342248	2013344830	2013349611
2013350819	2013352184	2013356694	2013361403
2013361569	2013361572	2013362765	2013365766
2014200334	2014202184	2014202747	2014203435
2014203896	2014204524	2014204561	2014205723
2014206640	2014207316	2014208246	2014212109
2014213495	2014214709	2014221208	2014222390
2014225658	2014227775	2014228175	2014228543
2014229500	2014237446	2014240129	2014241420
2014244537	2014247071	2014252861	2014259880
2014259887	2014264369	2014264449	2014265962
2014267723	2014268123	2014269994	2014273098
2014275574	2014278466	2014284128	2014285264
2014287260	2014289342	2014289975	2014295028
2014295101	2014296849	2014298460	2014298561
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2014333579	2014338940	2014339136	2014339866
2014344797	2014350243	2014361863	2014364880
2014376158	2014376931	2014391615	2014400791
2014402936	2014406534	2014411966	2014412711
2014413966	2014414438	2014415227	2015217340
2015219214	2015228372	2015233788	2015234376
2015236334	2015237100	2015238657	2015241170
2015250413	2015252767	2015255267	2015256559
2015262642	2015264876	2015268045	2015268902
2015270457	2015276860	2015277337	2015282450
2015282746	2015287186	2015296250	2015298207
2015299202	2015305543	2015310733	2015315495
2015318237	2015318579	2015321161	2015328326
2015339969	2015348016	2015349940	2015352463
2015355255	2015361959	2015374634	2015377275
2015377923	2015378039	2015378045	2015382441

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2016200368	2016201849	2016201932	2016202081
2016202374	2016202970	2016203134	2016203499
2016203628	2016203869	2016203885	2016204142
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2016219653	2016219654	2016219671	2016220415
2016225810	2016225828	2016231630	2016231634
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2016253550	2016253615	2016256782	2016256813
2016256857	2016262704	2016265962	2016266068
2016277596	2016277623	2016284488	2016292797
2016331555	2016367284	2016381231	2017200037
2017200055	2017200092	2017200389	2017200715
2017200892	2017201893	2017202334	2017202517
2017202905	2017202988	2017203100	2017204229
2017204392	2017204462	2017208260	2017251719
2018201024	2018202555		

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2018101196	2018101202	2018101211	2018101213
2018101217	2018101219	2018101220	2018101222
2018101223	2018101224	2018101225	2018101226
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2008276493 Boston Scientific Scimed, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.; Boston Scientific Scimed, Inc.**

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2011221123 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2011235984 Access Innovations Pty Ltd The patent has been assigned to **Access Innovations Global LP**

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**Assignments Registered**

2011259879 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

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2012201408 Pfeifer, Brian; Bladen, Scott; Benedict, Charles; Yates, Christian; Dobbs, James; Lackinger, Richard The patent has been assigned to **BEC Companies, Inc.**

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2013227680 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2013228777 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2013246716 ConocoPhillips (U.K.) Britannia Limited The patent has been assigned to **Chevron North Sea Limited; ConocoPhillips (U.K.) Theta Limited; ConocoPhillips Petroleum Company U.K. Limited; Mitsui E&P UK Limited; ConocoPhillips (U.K.) Limited**

2013264029 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**



**Assignments Registered**

2013275381 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

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2013333051 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

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2014219916 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2014220048 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2014227165 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2014277657 Nanotherapeutics, Inc. The patent has been assigned to **Nanoshift, LLC**

2014302030 Access Innovations Pty Ltd The patent has been assigned to **Access Innovations Global LP**

2015268709 American Medical Systems, Inc.; Hallum, Alton The patent has been assigned to **Hallum, Alton; American Medical Systems, Inc.; Boston Scientific Scimed, Inc.**

2016101920 KLK Ceilings Pty Ltd The patent has been assigned to **Studco Australia Pty Ltd**

2016102032 Hyde, Ben The patent has been assigned to **Edensor Group Pty Ltd**

2017101354 Killen, Philip The patent has been assigned to **Lovells Springs Pty Limited**

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

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

2011101741 Futures Fins LLC ( Future Fin Systems, Pty. )

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

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

2013252439 Nemaska Lithium Inc. ( Nordic Trustee AS )

2013270412 Nemaska Lithium Inc. ( Nordic Trustee AS )

2014231593 Nemaska Lithium Inc. ( Nordic Trustee AS )

2014339706 Nemaska Lithium Inc. ( Nordic Trustee AS )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2005240131 **Ipsen Biopharm Ltd.**

The earliest first regulatory approval date provided by the patentee 19 Dec 2016

For the goods ONIVYDE Irinotecan (as sucrosafate)

Address for service : FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016203867 **GENENTECH, INC.**

The earliest first regulatory approval date provided by the patentee 27 Jul 2017

For the goods TECENTRIQ atezolizumab (rch)

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

**Corrigenda**

In Vol 32 , No 33 , Page(s) 4705 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2017** Delete all reference to 2017219190

In Vol 32 , No 33 , Page(s) 4816 under the heading **Extensions of Term of Standard Patent, Section 70 - Extensions Granted** Delete all reference to 2005240131.

In Vol 32 , No 35 , Page(s) 4944 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2012** Under the name GSK Consumer Healthcare S.A, Application No. 2012340365, under INID (71) correct the name of the patentee to read GSK Consumer Healthcare S.A.

In Vol 32 , No 36 , Page(s) 5048 under the heading **Provisional Applications Filed - Name Index** Under the name David Roy Glave, Application No. 2018903380, under INID (71) correct the applicant name to David Roy Glare

In Vol 32 , No 36 , Page(s) 5065 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2013** Delete all reference to 2013378760.

In Vol 32 , No 36 , Page(s) 5065 under the heading **Assignments Before Grant, Section 113 - 2014** Under the name Institut Gustave Roussy; Institut National de la Recherche Agronomique; Université Paris-Sud XI; Institut National de la Santé Et de la Recherche Médicale, Application No. 2014351348, under INID (71) correct the applicant name to Institut Gustave Roussy; Institut National de la Recherche Agronomique; Université Paris-Sud; Institut National de la Santé Et de la Recherche Médicale

In Vol 32 , No 36 , Page(s) 5068 under the heading **Amendments - Application for Amendments** Under the name Bally Gaming, Inc., Application No. 2016277698 correct the date of the statements filed to read 7 August 2018 and 28 August 2018

**Specifications Republished**

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

2016340743 **Motorola Solutions, Inc.**