



**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**

*Shaun Gregory Power v Dale Arthur John Long* [2018] APO 57

Patent Application:	2015336923
Title:	Wear protection assembly
Patent Applicant:	Dale Arthur John Long
Requestor:	Shaun Gregory Power
Delegate:	O L Haggar
Decision Date:	31 August 2018
Hearing Date:	Written submissions completed on 18 May 2018
Catchwords:	<b>PATENTS</b> – request under section 36 – eligibility – requestor named as an inventor – whether requestor should be named as an applicant – regulation 3.1A – applicant taken to be the nominated person – parties found to be joint inventors – requestor is an eligible person – direction under section 36(3A) that the application proceed jointly in the names of the parties – costs awarded against the applicant
Representation:	Patent Attorney for the applicant: Lord & Company Solicitor for the requestor: Dentons Australia

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Reckitt Benckiser LLC v S. C. Johnson & Son, Inc.* [2018] APO 58

Patent Application: 2009215860

Title: Cleaning Composition That Provides Residual Benefits

Patent Applicant: S. C. Johnson & Son, Inc.

Opponent: Reckitt Benckiser LLC

Delegate: K. Wagg

Decision Date: 5 September 2018

Hearing Date: 6 June 2018 in Sydney

Catchwords: **PATENTS** –Self-adhering sanitary agents–lack of clarity and full description established by experimental evidence–the person skilled in the art would be unable to determine the “transport rate factor” given the inadequate disclosure of this feature–the use of mineral oil in the composition has not been established to be of arbitrary significance–the use of mineral oil in self-adhesive sanitary agents not established to be common general knowledge–all other grounds of opposition fail–opportunity to amend–costs awarded against the applicant.

Representation: Patent attorneys for the Applicant: David Myers and Anna Goldys of Spruson & Ferguson  
Counsel for the Opponent: Ms Katrina Crooks of Shelston IP Lawyers Pty Ltd  
Patent attorneys for the Opponent: Dr Charles W Tansey of Shelston IP Pty Ltd

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Amplero, Inc. [2018] APO 59***

Patent Application: 2014392681

Title: Automated marketing offer decisioning

Patent Applicant: Amplero, Inc.

Delegate: Isaac Tan

Decision Date: 5 September 2018

Hearing Date: 12 July 2018 by written submissions

Catchwords: **PATENTS** – section 45 – examiner objection – whether the invention is a manner of manufacture – substance of the invention lies in the creation and training of a ‘tree’ to send messages to telecom subscriber users to maximise the information gained for an ‘attribute’ – gain or outcome for users is by measuring the amount of revenue generated by one customer – claimed invention is not a manner of manufacture – no technical effect – application refused

Representation: David Webber, Patent Attorney of Davies Collison Cave Pty Ltd

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Aug 2018 .

(71) Agersens Pty Ltd (21) 2018903264 (22) 04.09.2018 (54) System and Method for Controlling Animals	(71) Beumont R&D PTY LTD (21) 2018903248 (22) 03.09.2018 (54) A system and method for monitoring assets within a pre-defined area	(71) Captix Biomedical Pty Ltd (21) 2018903270 (22) 04.09.2018 (54) Endocrine cell implantation
(71) All Vascular Pty Limited (21) 2018903261 (22) 04.09.2018 (54) Intracorporeal Vascular Access Device	(71) Birkgrove Pty Ltd (21) 2018903229 (22) 31.08.2018 (54) Shock absorber	(71) Cel-Tech-Serv Pty Ltd (21) 2018903247 (22) 03.09.2018 (54) 3D PRINTING FILAMENT
(71) AMOG Technologies Pty Ltd (21) 2018903185 (22) 29.08.2018 (54) Wave energy converter	<b>Bongers, G. see Sustainable Enhanced Energy Pty Ltd</b> (21) 2018903199	(71) C I Corporation Pty Ltd (21) 2018903183 (22) 29.08.2018 (54) Single Axis Solar Tracker Assembly
(71) Apollo Biopharma Pty Ltd (21) 2018903193 (22) 29.08.2018 (54) Topical Pharmaceutical Formulation for Wound Treatment	(71) Bucciari, A. (21) 2018903258 (22) 01.09.2018 (54) Apparatus for making Bulk snow from ice machine	(71) C I Corporation Pty Ltd (21) 2018903184 (22) 29.08.2018 (54) A Photovoltaic System
(71) Attey, G. (21) 2018903262 (22) 04.09.2018 (54) IMPROVEMENTS IN EVAPORATIVE COOLING PROCESSES	(71) Cab Medical Pty Ltd (21) 2018903230 (22) 31.08.2018 (54) A DEVICE AND METHOD FOR FIXATION OF BONE FRAGMENTS IN AN OSTEOTOMY PROCEDURE	(71) Cleggett, R. (21) 2018903205 (22) 30.08.2018 (54) Apparatus for protecting a structure from fire or for extinguishing a structure on fire
(71) Azuma Design Pty Limited (21) 2018903178 (22) 29.08.2018 (54) A window stay	(71) Cabot, J. (21) 2018903218 (22) 31.08.2018 (54) ARRANGEMENTS AND METHODS IN THE PREPARATION OF THE PROXIMAL SURFACE OF THE TIBIA AND/OR FEMUR AND POSTERIOR FEMORAL CONDYLE PROXIMAL SURFACES FOR THE COMPONENTS OF A PROSTHETIC KNEE JOINT	(71) Cohda Wireless Pty Ltd (21) 2018903227 (22) 31.08.2018 (54) A method for estimating the position of an object
(71) Babuin, D. (21) 2018903200 (22) 30.08.2018 (54) BEDDING ASSEMBLY	(71) Caddy, V. (21) 2018903207 (22) 30.08.2018 (54) . Seamless high build rubber composite surface coating	(71) Cohen, P. (21) 2018903235 (22) 01.09.2018 (54) Handle For Balance Adjustment
(71) BELLEKOM, S. (21) 2018903175 (22) 29.08.2018 (54) The Autocam Hub (Autohub) is an automated hub mechanism, which holds splines in a cylindrical pattern around which wire fencing can be wound. The automation of the Autohub provides control in locking the splines and in releasing them.	(71) Callingham, J. (21) 2018903223 (22) 31.08.2018 (54) FISH ANALYSIS SYSTEM	(71) Commonwealth Bank of Australia (21) 2018903180 (22) 29.08.2018 (54) Biometric system and method
		(71) Compson, S. (21) 2018903245 (22) 03.09.2018 (54) Closed Resin Infusion System that allows resin degassing, regulating inlet pressure and stops excess resin flow.

Provisional Applications Filed - Name Index cont'd

(71) Conolly, N. (21) 2018903194 (22) 30.08.2018 (54) METHOD AND SYSTEM FOR OPTIMISING THE DELIVERY OF CONTENT TO MOBILE DEVICES USING MICROZONES AND MACROZONES	(71) EFTsure Pty Ltd (21) 2018903266 (22) 04.09.2018 (54) A System and Process for the Verification of Data	(71) Gardner, A. (21) 2018903215 (22) 31.08.2018 (54) Two-part recyclable coffee cup.
(71) Corearth Australia Pty Ltd (21) 2018903102 (22) 23.08.2018 (54) A system and method for navigating web-based software applications	(71) El Hindi, J. (21) 2018903167 (22) 28.08.2018 (54) High Pressure Washer Dryer Combo	(71) Gardner, A. (21) 2018903216 (22) 31.08.2018 (54) Recyclable coffee cup.
<b>Coughlan, P. see Ford, A.</b> (21) 2018903224	(71) Elmich Pte Ltd (21) 2018903162 (22) 28.08.2018 (54) Modular stormwater tank	(71) Gardner, A. (21) 2018903232 (22) 01.09.2018 (54) Eco cup.
<b>Coughlan, K. see Ford, A.</b> (21) 2018903224	(71) Energy Infrastructure and Resources Pty Limited (21) 2018903181 (22) 29.08.2018 (54) Renewable Methane Production Module	(71) Gardner, A. (21) 2018903233 (22) 01.09.2018 (54) Two-part recyclable coffee cup.
(71) Curtin University of Technology (21) 2018903164 (22) 28.08.2018 (54) Genotyping Method	(71) Fastbrick IP Pty Ltd (21) 2018903192 (22) 29.08.2018 (54) GRIPPING APPARATUS	(71) Gardner, A. (21) 2018903234 (22) 01.09.2018 (54) Recyclable coffee cup.
(71) Dalziel, R. (21) 2018903257 (22) 04.09.2018 (54) Bin Tipping Auto Positioning Locking Device	(71) Fewre, J. (21) 2018903219 (22) 31.08.2018 (54) shorts designed for greater flexibility during exercise and sport.	(71) Geng Pty Ltd (21) 2018903208 (22) 31.08.2018 (54) Geng Popper Target for Live Fire from Light Arms Weapons
(71) Dang, A. (21) 2018903237 (22) 02.09.2018 (54) A three-layer cooking pot - between two layers of metal, there is a layer of oil. This invention allows for even distribution of heat, preventing food from over cooking or burning.	(71) Filtaworx Pty Ltd (21) 2018903259 (22) 04.09.2018 (54) Cleaning arrangement for a filter vessel	(71) Geng Pty Ltd (21) 2018903209 (22) 31.08.2018 (54) Geng Flip Target
(71) Davey Water Products Pty Ltd (21) 2018903173 (22) 29.08.2018 (54) SYSTEMS AND METHODS FOR FORECASTING A WATER LEVEL IN A WATER STORAGE RECEPTACLE	(71) Flatow, W. (21) 2018903240 (22) 03.09.2018 (54) MANAGEMENT SYSTEM	(71) Gordon, A. (21) 2018903176 (22) 29.08.2018 (54) Cyber Attack Barrier, device.
(71) Deaton, J. (21) 2018903228 (22) 31.08.2018 (54) Fishing lure	(71) Ford, A.; Coughlan, P.; Coughlan, K. (21) 2018903224 (22) 31.08.2018 (54) METHOD AND APPARATUS FOR JOINING TILING TRIM	(71) Gratuk Technologies Pty Ltd (21) 2018903217 (22) 31.08.2018 (54) DIETARY SUPPLEMENT FOR TREATMENT OF ACUTE ENVIRONMENTAL INFLAMMATION
(71) Destec Pty Ltd (21) 2018903189 (22) 29.08.2018 (54) A MOTOR VEHICLE WITH TILTING WHEELS	(71) G&T Service Company Pty Ltd (21) 2018903236 (22) 02.09.2018 (54) A Computer Implemented Tool for Document Verification	(71) Greenwood, C. (21) 2018903241 (22) 03.09.2018 (54) Gas Bottle Cradle
(71) Dommett, T. (21) 2018903206 (22) 30.08.2018 (54) Nu-English - A Simpler English Language for the Future	(71) Gardner, A. (21) 2018903186 (22) 29.08.2018 (54) Eco Cup.	(71) Guardian Agchem Pty Ltd (21) 2018903177 (22) 29.08.2018 (54) Method for the Processing of Lithium Containing Tuffs
(71) Douar, M. (21) 2018903263 (22) 04.09.2018 (54) An insertion tool and a method of inserting into a substrate a pin	(71) Gardner, A. (21) 2018903196 (22) 30.08.2018 (54) Two-part recyclable coffee cup.	(71) Holdsworth, E. (21) 2018903195 (22) 30.08.2018 (54) A MOTORHOME
	(71) Gardner, A. (21) 2018903213 (22) 31.08.2018 (54) Recyclable coffee cup.	(71) Holownia, L. (21) 2018903174 (22) 29.08.2018 (54) MOUTHPIECE ATTACHMENT FOR BRASS MUSICAL INSTRUMENTS

Provisional Applications Filed - Name Index cont'd

(71) Hosler, G.  
(21) 2018903244 (22) 03.09.2018  
(54) METHOD OF COIN IDENTIFICATION

(71) Inautec Pty Ltd  
(21) 2018903197 (22) 30.08.2018  
(54) Castor Wheel Assembly

(71) Jaycan Developments Pty Ltd  
(21) 2018903225 (22) 31.08.2018  
(54) Installing and bracing shuttering

(71) JOHN ROBERT & SUSAN JANE VAUGHAN  
(21) 2018903140 (22) 27.08.2018  
(54) Piezo electric gas igniter with magnetic base.

(71) Juxtapus Pty Ltd  
(21) 2018903198 (22) 30.08.2018  
(54) GRAPHICAL USER INTERFACE AND METHOD OF USE FOR MUSICAL COMPOSITION

(71) Juxtapus Pty Ltd  
(21) 2018903201 (22) 30.08.2018  
(54) GRAPHICAL USER INTERFACE AND METHOD OF USE FOR MUSICAL COMPOSITION

**Kinaev, N. see Sustainable Enhanced Energy Pty Ltd**  
(21) 2018903199

(71) Lettela Pty Limited  
(21) 2018903166 (22) 28.08.2018  
(54) Screen Panel Locking System

(71) Marsh, A.  
(21) 2018903231 (22) 31.08.2018  
(54) SYSTEM AND METHOD FOR ASSISTING IN NAVIGATION OF A BODY

(71) Matthews, N.  
(21) 2018903169 (22) 22.08.2018  
(54) Marine Craft. TYPE II

(71) McFadyen, L.  
(21) 2018903212 (22) 31.08.2018  
(54) Method relates to the asset protection of equity holders in relation to tangible and intangible assets. The Asset Equity Right (AER) is a digital license enabling unit of entitlement ownership of assets, enabling whole or fractional transfer capability of asset. The digital license enables real time transfer and securitised ownership register.

(71) Mega Group Australia Pty Ltd  
(21) 2018903168 (22) 28.08.2018  
(54) Improvements relating to sandwich panels

(71) Metrologi Pty Ltd  
(21) 2018903238 (22) 03.09.2018  
(54) Slurry Pipeline and Component Therefor

(71) Milspec Technologies Pty Ltd  
(21) 2018903251 (22) 03.09.2018  
(54) Vehicle alternator

(71) MOOSE CREATIVE MANAGEMENT PTY LIMITED  
(21) 2018903268 (22) 04.09.2018  
(54) TOY CONTAINER

(71) Moukatas, C.  
(21) 2018903243 (22) 03.09.2018  
(54) Pro-stager art tote bag

(71) MRA Racing Pty Ltd  
(21) 2018903190 (22) 29.08.2018  
(54) Motion component for simulator

(71) MUSCENTE, J.  
(21) 2018903246 (22) 03.09.2018  
(54) OPTICAL DEVICE ADAPTER

(71) NewSouth Innovations Pty Limited  
(21) 2018903163 (22) 28.08.2018  
(54) Apparatus, Systems and Methods for Controlling Precision Optical Systems

(71) NewSouth Innovations Pty Limited  
(21) 2018903179 (22) 29.08.2018  
(54) PROCESS OF FABRICATING LEAD ZIRCONATE TITANATE (PZT) based PIEZOELECTRIC DEVICES

(71) NewSouth Innovations Pty Limited  
(21) 2018903188 (22) 29.08.2018  
(54) Advanced piezoelectric microlens actuator

(71) NORQSES IP Pty Ltd  
(21) 2018903210 (22) 31.08.2018  
(54) AN IMPLEMENT FOR DRIVING AND EXTRACTING EARTH STAKES

(71) Onetide Modular Systems Pty Ltd  
(21) 2018903254 (22) 03.09.2018  
(54) Mobile Power Grid and Power Generation

(71) Opaque Investments Pty Ltd  
(21) 2018903211 (22) 31.08.2018  
(54) BLADELESS INTUBATING LARYNGOSCOPE SYSTEM

(71) OrkaWyze Pty Ltd  
(21) 2018903191 (22) 29.08.2018  
(54) Improved Torque Transmitting Device

(71) Pagden, K.  
(21) 2018903250 (22) 03.09.2018  
(54) Relative humidity controlled natural cooling system, using ceramic coated, natural fibre filter pads.

(71) Pavino, S.  
(21) 2018903271 (22) 04.09.2018  
(54) Magnes Muralis: Double Acting Jackhammer

(71) Pettit, B.  
(21) 2018903267 (22) 04.09.2018  
(54) A device for retrieving stones

**Pregelj, Z. see Sustainable Enhanced Energy Pty Ltd**  
(21) 2018903199

(71) Price, J.  
(21) 2018903172 (22) 29.08.2018  
(54) A serving station rapid order docket configuration and printout system

(71) QIP INTERNATIONAL PTY LTD  
(21) 2018903242 (22) 03.09.2018  
(54) Method for conditioning wood barrels

(71) Rachakatla, K.  
(21) 2018903256 (22) 03.09.2018  
(54) TERMINAL AND STATION DELIVERY SYSTEM AND METHOD

(71) Reln Pty Ltd  
(21) 2018903170 (22) 29.08.2018  
(54) Drainage Channel Support Assembly

(71) Roam Safe Pty Ltd  
(21) 2018903265 (22) 04.09.2018  
(54) Door Hatch Assembly

(71) S & C BACK FAMILY TRUST  
(21) 2018903269 (22) 04.09.2018  
(54) RING TOP PLASTIC REINFORCING BAR CHAIR

**Smart Paddock Pty Ltd see Wolchyn, D.**  
(21) 2018903249



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(71) Smeekes, R.  
 (21) 2018903165 (22) 28.08.2018  
 (54) Removable load carrying liner and interchangeable trailer system

(71) Solar Eye Pty Ltd  
 (21) 2018903204 (22) 30.08.2018  
 (54) Dust Detection Device

(71) Solved IT Pty Ltd  
 (21) 2018903202 (22) 30.08.2018  
 (54) Mechanical linkage

(71) Starpan Pty Ltd  
 (21) 2018903260 (22) 04.09.2018  
 (54) Paddle Board Center Board Stabilizer

(71) StretchSense Limited  
 (21) 2018903214 (22) 31.08.2018  
 (54) Improvements in Soft Electronics on a Stretchable Substrate

(71) Sustainable Enhanced Energy Pty Ltd;  
 Pregelj, Z.; Bongers, G.; Kinaev, N.  
 (21) 2018903199 (22) 30.08.2018  
 (54) Method for improving efficiency of carbon capture from power plants

(71) TAUV Pty Ltd  
 (21) 2018903253 (22) 03.09.2018  
 (54) Ruggedised Drone

(71) The University of Sydney  
 (21) 2018903171 (22) 29.08.2018  
 (54) COMPOSITIONS AND PROCESSES FOR PRODUCING VITAMIN K

(71) The University of Sydney  
 (21) 2018903222 (22) 31.08.2018  
 (54) Fibre forming process

(71) Tunnel Vision IP Pty Ltd  
 (21) 2018903220 (22) 31.08.2018  
 (54) SURFING WAVE POOL

(71) W.R.B. Nominees Pty Ltd  
 (21) 2018903187 (22) 29.08.2018  
 (54) Device and method for attaching a connecting link

(71) Walnab Pty Ltd  
 (21) 2018903182 (22) 29.08.2018  
 (54) Pilot Operated Flow Control Valves

(71) Webber, G.  
 (21) 2018903239 (22) 03.09.2018  
 (54) Floating surf reef

(71) Williams, L.  
 (21) 2018903252 (22) 03.09.2018  
 (54) PolyBat

(71) Wolchyn, D.; Smart Paddock Pty Ltd  
 (21) 2018903249 (22) 03.09.2018  
 (54) An Advanced Smart Tag for Monitoring Livestock

(71) Yeomans, A.  
 (21) 2018903203 (22) 30.08.2018  
 (54) METHOD OF VALIDATING A TEST

(71) Young, G.  
 (21) 2018903221 (22) 31.08.2018  
 (54) Crusher assembly

(71) Yttrium Limited  
 (21) 2018903226 (22) 31.08.2018  
 (54) Frame for reinforced concrete

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2018903222	The University of Sydney		
2018903223	Callingham, J.		
2018903224	Ford, A.; Coughlan, P.; Coughlan, K.		
2018903225	Jaycan Developments Pty Ltd		
2018903226	Yttrium Limited		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 28 Aug 2018 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

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(71) 24/7 Customer, Inc.  
 (21) 2018223060 (22) 02.09.2018  
 (54) METHOD AND APPARATUS FOR PROVIDING CUSTOMIZED INTERACTION EXPERIENCE TO CUSTOMERS  
 (62) 2015300932

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(71) ABB Schweiz AG  
 (21) 2018222962 (22) 29.08.2018  
 (54) Method and system for data stream processing  
 (31) 17188881.1 (32) 31.08.17 (33) EP

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(71) Accenture Global Solutions Limited  
 (21) 2018222886 (22) 27.08.2018  
 (54) BENCHMARKING FOR AUTOMATED TASK MANAGEMENT  
 (31) 15/843,607 (32) 15.12.17 (33) US  
 201741030909 31.08.17 IN

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(71) Actuant Corporation  
 (21) 2018222981 (22) 30.08.2018  
 (54) Hybrid spring for a hydraulic cylinder  
 (31) 62/553,338 (32) 01.09.17 (33) US

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(71) Advanced Optical Technologies, Inc  
 (21) 2018222946 (22) 29.08.2018  
 (54) POLARIMETER WITH MULTIPLE INDEPENDENT TUNABLE CHANNELS AND METHOD FOR MATERIAL AND OBJECT CLASSIFICATION AND RECOGNITION  
 (62) 2016388716, 2017208258

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(71) Aimmune Therapeutics, Inc.  
 (21) 2018222980 (22) 30.08.2018  
 (54) Manufacture of peanut formulations for oral desensitization  
 (62) 2016231523

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(71) Akamai Technologies, Inc.  
 (21) 2018222978 (22) 30.08.2018  
 (54) Stream-based data deduplication in a multi-tenant shared infrastructure using asynchronous data dictionaries  
 (62) 2013262620

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(71) ALSTOM Transport Technologies  
 (21) 2018222956 (22) 29.08.2018  
 (54) Method for controlling the circulation of vehicles in a network  
 (31) 17 58096 (32) 01.09.17 (33) FR

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(71) Amgen Inc.  
 (21) 2018222973 (22) 30.08.2018  
 (54) Variants of tissue inhibitor of metalloproteinase type three (TIMP-3), compositions and methods  
 (62) 2014236683

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(71) Apple Inc.  
 (21) 2018222890 (22) 27.08.2018  
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device  
 (62) 2016268860

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(71) Apple Inc.  
 (21) 2018222899 (22) 28.08.2018  
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device  
 (62) 2016268860

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(71) ARCH HOLDINGS, LP  
 (21) 2018220156 (22) 24.08.2018  
 (54) Kiosk gift card system and method  
 (62) 2016206788

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2018220162 (22) 24.08.2018  
 (54) A Modular Visual Output Component  
 (62) 2016204302

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2018222966 (22) 29.08.2018  
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
 (31) 2017903582 (32) 05.09.17 (33) AU

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2018222977 (22) 30.08.2018  
 (54) Gaming machine  
 (62) 2016208426

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(71) Auspex Pharmaceuticals, Inc.  
 (21) 2018222896 (22) 28.08.2018  
 (54) Formulations pharmacokinetics of deuterated benzoquinoline inhibitors of vesicular monoamine transporter 2  
 (62) 2013318182

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(71) Beijing Hanergy Solar Power Investment Co., Ltd.  
 (21) 2018222892 (22) 27.08.2018  
 (54) DATA COLLECTION METHOD, DATA TRANSMISSION METHOD, DATA COLLECTION DEVICE AND NETWORK DEVICE  
 (31) 201810495526.X (32) 22.05.18 (33) CN

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(71) BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.  
 (21) 2018220161 (22) 24.08.2018  
 (54) Solar module  
 (31) 201820679745.9 (32) 08.05.18 (33) CN

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(71) BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.  
 (21) 2018220915 (22) 27.08.2018  
 (54) Coated plate, preparation method thereof and solar module  
 (31) 201810434303.2 (32) 08.05.18 (33) CN

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(71) Beijing JuntailInnovation Technology Co., Ltd.  
 (21) 2018222934 (22) 28.08.2018  
 (54) Heterojunction solar cell and preparation method thereof  
 (31) 201711132081.0 (32) 15.11.17 (33) CN

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(71) Boehringer Ingelheim Vetmedica GmbH  
 (21) 2018222965 (22) 29.08.2018  
 (54) INHALER  
 (62) 2014310918

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(71) Butterfly Network, Inc.  
 (21) 2018222929 (22) 28.08.2018  
 (54) Ultrasound signal processing circuitry and related apparatus and methods  
 (62) 2015328134

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**China University of Petroleum (East China)**  
**see Inner Mongolia ShengYuan Technology Co. Ltd.**  
 (21) 2018222933

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(71) Civitas Therapeutics, Inc.  
 (21) 2018222983 (22) 30.08.2018  
 (54) Ultra Low Density Pulmonary Powders  
 (62) 2013342248

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- (71) Clariant International Ltd  
(21) 2018222944 (22) 29.08.2018  
(54) Energy-efficient and environmentally friendly process for the production of target chemical compounds from cellulosic material  
(62) 2015299202
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- (71) Coogee Minerals Pty Ltd  
(21) 2018222897 (22) 28.08.2018  
(54) METHOD FOR PRODUCTION OF HYDROMAGNESITE  
(31) 2017904112 (32) 11.10.17 (33) AU
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- (71) Covidien LP  
(21) 2018222882 (22) 27.08.2018  
(54) Electrosurgical tissue sealing device with non-stick coating  
(31) 16/059,279 (32) 09.08.18 (33) US  
62/561,812 22.09.17 US
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- (71) Covidien LP  
(21) 2018222883 (22) 27.08.2018  
(54) Access apparatus with integrated fluid connector and control valve  
(31) 62/555,231 (32) 07.09.17 (33) US  
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- (71) CREATIVE IMPACT INC  
(21) 2018220158 (22) 24.08.2018  
(54) GAS INFLATABLE BALLOONS
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- (71) Deere & Company  
(21) 2018222879 (22) 27.08.2018  
(54) Using unmanned aerial vehicles to provide ground control points for aerial survey  
(31) 15/720,207 (32) 29.09.17 (33) US
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- (71) Deere & Company  
(21) 2018222901 (22) 28.08.2018  
(54) VARIABLE BASECUTTER ASSEMBLY  
(31) 15/799,054 (32) 31.10.17 (33) US
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- (71) Deere & Company  
(21) 2018222902 (22) 28.08.2018  
(54) AUTOMATIC PRODUCT FILL METHOD AND CONTROL SYSTEM  
(31) 15/800,923 (32) 01.11.17 (33) US
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- (71) Deere & Company  
(21) 2018222904 (22) 28.08.2018  
(54) WRAP DELIVERY SYSTEM WITH PIVOTING ROLLER  
(31) 15/991,070 (32) 29.05.18 (33) US  
62/585,792 14.11.17 US
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- (71) Deere & Company  
(21) 2018222905 (22) 28.08.2018  
(54) MODULAR MOUNTING SYSTEM FOR A COTTON HARVESTER  
(31) 15/817,862 (32) 20.11.17 (33) US
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- (71) Dow Global Technologies LLC  
(21) 2018222974 (22) 30.08.2018  
(54) WATERBORNE COATING COMPOSITION  
(31) 17290117.5 (32) 13.09.17 (33) EP
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- Dridan, M. see O'Brien, G.**  
(21) 2018222972
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- (71) Echowell Electronic Co., Ltd.  
(21) 2018222961 (22) 29.08.2018  
(54) Grounding structure and grounding method of vacuum tube audio amplifier  
(31) 15/692,209 (32) 31.08.17 (33) US
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- (71) EFFEBI S.P.A.  
(21) 2018222885 (22) 27.08.2018  
(54) Fitting for Pipes and Relevant Pipe Connecting Method  
(62) 2017202815
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- (71) Elastagen Pty Ltd  
(21) 2018222971 (22) 30.08.2018  
(54) Preparation and/or formulation of proteins cross-linked with polysaccharides  
(62) 2016256813
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- (71) Endemic Landscapes Pty Ltd  
(21) 2018222914 (22) 28.08.2018  
(54) DRAINAGE SYSTEM  
(31) 2017903529 (32) 01.09.17 (33) AU
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- (71) ENSPEC Pty Ltd  
(21) 2018222895 (22) 28.08.2018  
(54) TRAFFIC LOAD BEARING STRUCTURE  
(31) 2017903473 (32) 28.08.17 (33) AU
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- (71) Eyewear From Barcelona, S.L.  
(21) 2018222913 (22) 28.08.2018  
(54) Flexible temple for spectacles  
(62) 2014211287
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- (71) FB Rice Pty Ltd  
(21) 2018222920 (22) 28.08.2018  
(54) Printhead employing data packets including address data  
(62) 2015382437
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- (71) Fliteboard Pty Ltd  
(21) 2018222940 (22) 29.08.2018  
(54) Powered hydrofoil system
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- Freeman, D. see Freeman, D.**  
(21) 2018222893
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- (71) Freeman, D.; Freeman, D.  
(21) 2018222893 (22) 27.08.2018
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- (54) Rammed earth forming apparatus  
(31) 2017903457 (32) 27.08.17 (33) AU
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- (71) FRESENIUS KABI DEUTSCHLAND GMBH  
(21) 2018222887 (22) 27.08.2018  
(54) Liquid pharmaceutical composition  
(62) 2015263246
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- (71) GECKO TYRE PTY LTD  
(21) 2018222900 (22) 28.08.2018  
(54) IMPROVED WHEEL AND WHEEL ATTACHMENT
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- (71) General Electric Company  
(21) 2018222880 (22) 27.08.2018  
(54) System, method and computer software code for remotely assisted operation of a railway vehicle system  
(62) 2016202970
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- (71) Genzyme Corporation  
(21) 2018222985 (22) 30.08.2018  
(54) Perfusion culturing methods and uses thereof  
(62) 2013334602
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- (71) Glialogix, Inc  
(21) 2018222921 (22) 28.08.2018  
(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF NEURODEGENERATIVE AND OTHER DISEASES  
(62) 2014212109
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- (71) Global Blue S.A.  
(21) 2018222938 (22) 29.08.2018  
(54) Transaction Processing  
(62) 2013224185
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- (71) Gynesonics, Inc.  
(21) 2018222955 (22) 29.08.2018  
(54) Methods and systems for controlled deployment of needle structures in tissue  
(62) 2013312372
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- (71) Indian Motorcycle International, LLC  
(21) 2018222903 (22) 28.08.2018  
(54) Two-wheeled vehicle  
(62) 2014346428
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- (71) Indigo AG, Inc.  
(21) 2018222918 (22) 28.08.2018  
(54) SEED-ORIGIN ENDOPHYTE POPULATIONS, COMPOSITIONS, AND METHODS OF USE  
(62) 2017210482
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- (71) Infestation Tracking Systems Pty. Ltd.  
(21) 2018222957 (22) 29.08.2018

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(54) TRACKING SYSTEM AND METHOD  
(62) 2014268121

(71) Inner Mongolia ShengYuan Technology Co. Ltd.; China University of Petroleum (East China)

(21) 2018222933 (22) 28.08.2018

(54) COMBINED HYDROGENATION PROCESS METHOD FOR PRODUCING HIGH-QUALITY FUEL BY MEDIUM-LOW-TEMPERATURE COAL TAR

(31) 201810448892.X (32) 11.05.18 (33) CN

(71) Isolynx, LLC

(21) 2018222928 (22) 28.08.2018

(54) SYSTEM AND METHOD FOR OBJECT TRACKING ANTI-JITTER FILTERING

(62) 2017203780

(71) Johnson & Johnson Vision Care, Inc.

(21) 2018222924 (22) 28.08.2018

(54) OPHTHALMIC LENS VIEWING SETS FOR THREE-DIMENSIONAL PERCEPTION OF STEREOSCOPIC MEDIA

(62) 2014201475

(71) Johnson & Johnson Vision Care, Inc.

(21) 2018222952 (22) 29.08.2018

(54) METHODS FOR MANUFACTURING AND PROGRAMMING AN ENERGIZABLE OPHTHALMIC LENS WITH A PROGRAMMABLE MEDIA INSERT

(62) 2014274374

Jones, W. see Klin, A.

(21) 2018222906

(71) Kaurin, Z.

(21) 2018226378 (22) 27.08.2018

(54) SINHRONI GENERATOR BEZ ČETKICA I ČISTOM IZLAZNOM NAIZMJENIČNOM STRUJOM NA STATORU

(71) Kaurin, Z.

(21) 2018226396 (22) 01.09.2018

(54) High-Voltage Switch with Transformer

(71) Klin, A.; Jones, W.; Schultz, S.

(21) 2018222906 (22) 28.08.2018

(54) Systems and methods for detecting blink inhibition as a marker of engagement and perceived stimulus salience

(62) 2013359304

(71) Landmark Graphics Corporation

(21) 2018220157 (22) 24.08.2018

(54) Systems and methods for reordering sequential actions

(62) 2017200434

(71) Lee, S.K.

(21) 2018220165 (22) 25.08.2018

(54) Smartloo Green Cleaner

(71) LG ELECTRONICS INC.

(21) 2018222909 (22) 28.08.2018

(54) PURIFICATION DEVICE

(31) 10-2017-0108888 (32) 28.08.17 (33) KR

(71) Lycopodium Minerals Pty Ltd

(21) 2018222916 (22) 28.08.2018

(54) PIVOTING ROCK BOX

(31) 2017904757 (32) 24.11.17 (33) AU

(71) McKnight, G.; Yang, Z.; Rayborn, R.; Semple, A.; Parker, D.; Perkins, R.; Xu, W.

(21) 2018222967 (22) 30.08.2018

(54) Nitrification inhibitors designed for urea and manure based fertilizers

(62) 2014354854

(71) Mettler Packaging Pty Ltd.

(21) 2018222908 (22) 28.08.2018

(54) Reusable plastic carrier bag

(31) 20 2017 105 180.3 (32) 28.08.17 (33) DE

(71) Mettler Packaging Pty Ltd.

(21) 2018222922 (22) 28.08.2018

(54) Reusable plastic carrier bag and holding strap for a plastic carrier bag

(31) 20 2017 105 180.3 (32) 28.08.17 (33) DE

(71) MiaSole Photovoltaic Technology Co., Ltd.

(21) 2018222975 (22) 30.08.2018

(54) FENDER WITH SOLAR POWER GENERATION FUNCTION

(31) 201810571906.7 (32) 31.05.18 (33) CN

(71) Michael Comfort Pty Ltd

(21) 2018220118 (22) 23.08.2018

(54) PEST CONTROL ASSEMBLY AND METHOD

(62) PCT/AU2016/000295

Millennium Pharmaceuticals, Inc. see Sunesis Pharmaceuticals, Inc.

(21) 2018222943

(71) Minelab Electronics Pty. Limited

(21) 2018222954 (22) 29.08.2018

(54) A SIGNAL PROCESSING TECHNIQUE FOR METAL DETECTOR

(31) 2017903479 (32) 29.08.17 (33) AU

(71) Mitsubishi Hitachi Power Systems, Ltd.

(21) 2018222964 (22) 29.08.2018

(54) A spark detecting apparatus for devices using electric sliding contact, a spark detecting method for devices using

electric sliding contact, a spark reduction method for devices using electric sliding contact, a sliding error detecting apparatus for devices using electric sliding contact, and a sliding error detecting method for devices using electric sliding contact

(31) 2017-175578 (32) 13.09.17 (33) JP

(71) National Yang-Ming University

(21) 2018222881 (22) 27.08.2018

(54) Method for treating drug resistant cancer

(62) 2015271561

(71) Nokia Solutions and Networks Oy

(21) 2018222948 (22) 29.08.2018

(54) Sub-frame configuration

(62) 2016213860

(71) Novoluto GmbH

(21) 2018222907 (22) 28.08.2018

(54) PIN-SHAPED STIMULATION DEVICE

(62) 2017228536

(71) Nuctech Company Limited; Tsinghua University

(21) 2018222941 (22) 29.08.2018

(54) X-ray conversion target

(31) 201710856486.2 (32) 19.09.17 (33) CN

(71) O'Brien, G.; Dridan, M.

(21) 2018222972 (22) 30.08.2018

(54) HITCH ADAPTER

(31) 2017903509 (32) 31.08.17 (33) AU

(71) Oisín Biotechnologies

(21) 2018220160 (22) 24.08.2018

(54) SYSTEMS AND METHODS FOR THE TARGETED PRODUCTION OF A THERAPEUTIC PROTEIN WITHIN A TARGET CELL

(62) 2014241622

(71) Olive Medical Corporation

(21) 2018222963 (22) 29.08.2018

(54) Videostroboscopy of vocal chords with CMOS sensors

(62) 2014223163

(71) ONESTEEL WIRE PTY LIMITED

(21) 2018222884 (22) 27.08.2018

(54) POST ATTACHMENT

(62) 2016203439

(71) Optimedica Corporation

(21) 2018222939 (22) 29.08.2018

(54) Laser capsulovitreotomy

(62) 2014228568

Complete Applications Filed - Name Index cont'd

(71) Otis Elevator Company  
 (21) 2018222931 (22) 28.08.2018  
 (54) Adaptive split group elevator operation  
 (31) 15/691,373 (32) 30.08.17 (33) US

(71) Pangang Group Research Institute Co., Ltd.  
 (21) 2018222891 (22) 27.08.2018  
 (54) A MOBILE FLASH BUTT WELDING METHOD FOR 136RE+SS HEAT-TREATED RAIL  
 (31) 201710771298.X (32) 31.08.17 (33) CN

**Parker, D. see McKnight, G.**  
 (21) 2018222967

**Perkins, R. see McKnight, G.**  
 (21) 2018222967

(71) PGS Geophysical AS  
 (21) 2018222932 (22) 28.08.2018  
 (54) Seismic data acquisition for velocity modeling and imaging  
 (31) 16/103,867 (32) 14.08.18 (33) US  
 62/551,275 29.08.17 US

(71) PIONEER HI-BRED INTERNATIONAL, INC.  
 (21) 2018222949 (22) 29.08.2018  
 (54) EMBRYO SAMPLING FOR MOLECULAR ANALYSIS  
 (62) 2013337418

(71) PPG Packaging Coatings (Suzhou) Co., Ltd  
 (21) 2018222935 (22) 28.08.2018  
 (54) A coating composition comprising a High Mn Polyester and a Low Mn Polyester  
 (62) 2015343055

(71) Protagonist Therapeutics, Inc.  
 (21) 2018220168 (22) 27.08.2018  
 (54) Novel alpha4beta7 peptide dimer antagonists  
 (62) 2014248321

**Rayborn, R. see McKnight, G.**  
 (21) 2018222967

(71) Renaissance Learning, Inc.  
 (21) 2018222970 (22) 30.08.2018  
 (54) INTERACTIVE ORGANIZATION OF COMMENTS ON AN ONLINE SOCIAL PLATFORM  
 (62) 2013266044

(71) Rolapal Limited  
 (21) 2018222915 (22) 28.08.2018  
 (54) Seat Padding

(71) Ronda, V.  
 (21) 2018222911 (22) 28.08.2018  
 (54) SPRAY NOZZLE  
 (31) 2017904609 (32) 14.11.17 (33) AU

(71) Rosemount Inc.  
 (21) 2018222951 (22) 29.08.2018  
 (54) WIRELESS INDUSTRIAL PROCESS MONITOR  
 (62) 2015324515

(71) Ruentex Engineering & Construction Co., Ltd.  
 (21) 2018222984 (22) 30.08.2018  
 (54) Apparatus and method for manufacturing a helical stirrup  
 (31) 107100322 (32) 04.01.18 (33) TW

(71) Safatli, H.  
 (21) 2018222923 (22) 28.08.2018  
 (54) Roof safety device  
 (31) 2017903572 (32) 04.09.17 (33) AU

**Schultz, S. see Klin, A.**  
 (21) 2018222906

(71) Securus Medical Group, Inc.  
 (21) 2018222930 (22) 28.08.2018  
 (54) Temperature measurement systems, method and devices  
 (62) 2013371430

**Semple, A. see McKnight, G.**  
 (21) 2018222967

(71) SHEARER, D.  
 (21) 2018222969 (22) 30.08.2018  
 (54) A DRILL STRING ELEMENT AND ASSOCIATED EQUIPMENT AND METHODS  
 (62) 2014356222

(71) SITERWELL ELECTRONICS CO., LIMITED  
 (21) 2018222919 (22) 28.08.2018  
 (54) COMBINED FIXING APPARATUS AND ALARM DEVICE  
 (31) 201711207450.8 (32) 27.11.17 (33) CN

(71) Smart Medical Systems Ltd.  
 (21) 2018222936 (22) 29.08.2018  
 (54) Endoscopy Devices And Applications Thereof  
 (62) 2013340300

(71) Snap-on Incorporated  
 (21) 2018222986 (22) 30.08.2018  
 (54) Tool with teeth on side  
 (31) 15/901,048 (32) 21.02.18 (33) US

(71) Snap-on Incorporated  
 (21) 2018222987 (22) 30.08.2018  
 (54) Tool with handle offsets  
 (31) 15/901,051 (32) 21.02.18 (33) US

(71) Snap-on Incorporated  
 (21) 2018222988 (22) 30.08.2018  
 (54) Tool with teeth in slot  
 (31) 15/901,060 (32) 21.02.18 (33) US

(71) Sony Corporation  
 (21) 2018222910 (22) 28.08.2018  
 (54) Inspection vehicle control device, control method, and computer program  
 (62) 2015331965

(71) Sony Corporation  
 (21) 2018222976 (22) 30.08.2018  
 (54) Blu-ray pairing with video portal  
 (62) 2016222442

(71) South East Water Corporation  
 (21) 2018222937 (22) 29.08.2018  
 (54) System and method for monitoring sewer wet well conditions  
 (31) 2018900017 (32) 03.01.18 (33) AU

(71) Southwire Company, LLC  
 (21) 2018222953 (22) 29.08.2018  
 (54) TRACEABLE AND THEFT DETERRENT RECLAIMABLE PRODUCT  
 (62) 2014210629

(71) Stryker Corporation  
 (21) 2018220167 (22) 27.08.2018  
 (54) Systems and methods for robotic surgery  
 (62) 2013296278

(71) Sudelac Limited  
 (21) 2018222960 (22) 29.08.2018  
 (54) Apparatus and method for testing float equipment  
 (62) 2012227159

(71) Sunesis Pharmaceuticals, Inc.; Millennium Pharmaceuticals, Inc.  
 (21) 2018222943 (22) 29.08.2018  
 (54) Heterocyclic compounds useful as PDK1 inhibitors  
 (62) 2016225896

(71) Tata Consultancy Services Limited  
 (21) 2018222950 (22) 29.08.2018  
 (54) METHOD AND SYSTEM FOR ENTRY AND EXIT MONITORING USING BLUETOOTH LOW ENERGY (BLE) BEACONS  
 (31) 201721030497 (32) 29.08.17 (33) IN

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(71) The Boeing Company  
 (21) 2018222959 (22) 29.08.2018  
 (54) Flight crew connectivity systems and methods  
 (31) 15/717,731 (32) 27.09.17 (33) US

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(71) Theranos IP Company, LLC  
 (21) 2018222926 (22) 28.08.2018  
 (54) Biological sample processing  
 (62) 2014241182

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(71) TherapeuticsMD, Inc.  
 (21) 2018222947 (22) 29.08.2018  
 (54) Progesterone Formulations  
 (62) 2013277233

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(71) The Texas A&M University System  
 (21) 2018222979 (22) 30.08.2018  
 (54) FIBROSIS INHIBITING COMPOUNDS AND METHODS OF USE THEREOF IN THE PREVENTION OR TREATMENT OF FIBROSING DISEASES  
 (62) 2014324574

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(71) Tidi Products, LLC  
 (21) 2018222968 (22) 30.08.2018  
 (54) SEPARABLE STERILE DRAPE WITH Z-SHAPED FOLDS  
 (31) 62/552,865 (32) 31.08.17 (33) US

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**Tsinghua University see Nuctech Company Limited**  
 (21) 2018222941

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(71) Tucker, P.  
 (21) 2018220166 (22) 26.08.2018  
 (54) MONOSCOPIC 3D VIEWING-SYSTEM  
 (31) 2017903965 (32) 30.09.17 (33) AU  
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(71) Underwood Companies Holdings Pty Ltd  
 (21) 2018220159 (22) 24.08.2018  
 (54) Composite panels  
 (31) 2017902891 (32) 24.07.17 (33) AU

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(71) Velocity, The Greatest Phone Company Ever, Inc.  
 (21) 2018222925 (22) 28.08.2018  
 (54) System and method for delivering digital content  
 (31) 62/551,304 (32) 29.08.17 (33) US  
 62/580,486 02.11.17 US

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(71) Windward Pharma, Inc.  
 (21) 2018222878 (22) 27.08.2018  
 (54) Aerosol tyrosine kinase inhibitor compounds and uses thereof  
 (62) 2014296032

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(71) Wirebutter Pty Ltd  
 (21) 2018222942 (22) 29.08.2018  
 (54) SYSTEM AND METHOD OF CONTROLLING SUPPLY OF ELECTRICAL POWER  
 (62) 2015306067

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(71) wong, c.  
 (21) 2018220164 (22) 25.08.2018  
 (54) A formula of a oil that contain many ingredient for muscle pain.

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(71) Woods, R.  
 (21) 2018222888 (22) 27.08.2018  
 (54) Swag  
 (31) 2017903521 (32) 01.09.17 (33) AU

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**Xu, W. see McKnight, G.**  
 (21) 2018222967

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(71) Xyleco, Inc.  
 (21) 2018222927 (22) 28.08.2018  
 (54) Saccharifying biomass  
 (62) 2016222347

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**Yang, Z. see McKnight, G.**  
 (21) 2018222967

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2018220118	Michael Comfort Pty Ltd	2018222934	Beijing JuntailInnovation Technology Co., Ltd.
2018220156	ARCH HOLDINGS, LP	2018222935	PPG Packaging Coatings (Suzhou) Co., Ltd
2018220157	Landmark Graphics Corporation	2018222936	Smart Medical Systems Ltd.
2018220158	CREATIVE IMPACT INC	2018222937	South East Water Corporation
2018220159	Underwood Companies Holdings Pty Ltd	2018222938	Global Blue S.A.
2018220160	Oisin Biotechnologies	2018222939	Optimedica Corporation
2018220161	BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.	2018222940	Fliteboard Pty Ltd
2018220162	Aristocrat Technologies Australia Pty Limited	2018222941	Nuctech Company Limited; Tsinghua University
2018220164	wong, c.	2018222942	Wirebutter Pty Ltd
2018220165	Lee, S.K.	2018222943	Sunesis Pharmaceuticals, Inc.; Millennium Pharmaceuticals, Inc.
2018220166	Tucker, P.	2018222944	Clariant International Ltd
2018220167	Stryker Corporation	2018222946	Advanced Optical Technologies, Inc
2018220168	Protagonist Therapeutics, Inc.	2018222947	TherapeuticsMD, Inc.
2018220915	BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.	2018222948	Nokia Solutions and Networks Oy
2018222878	Windward Pharma, Inc.	2018222949	PIONEER HI-BRED INTERNATIONAL, INC.
2018222879	Deere & Company	2018222950	Tata Consultancy Services Limited
2018222880	General Electric Company	2018222951	Rosemount Inc.
2018222881	National Yang-Ming University	2018222952	Johnson & Johnson Vision Care, Inc.
2018222882	Covidien LP	2018222953	Southwire Company, LLC
2018222883	Covidien LP	2018222954	Minelab Electronics Pty. Limited
2018222884	ONESTEEL WIRE PTY LIMITED	2018222955	Gynesonics, Inc.
2018222885	EFFEBI S.P.A.	2018222956	ALSTOM Transport Technologies
2018222886	Accenture Global Solutions Limited	2018222957	Infestation Tracking Systems Pty. Ltd.
2018222887	FRESENIUS KABI DEUTSCHLAND GMBH	2018222959	The Boeing Company
2018222888	Woods, R.	2018222960	Sudelac Limited
2018222890	Apple Inc.	2018222961	Echowell Electronic Co., Ltd.
2018222891	Pangang Group Research Institute Co., Ltd.	2018222962	ABB Schweiz AG
2018222892	Beijing Hanergy Solar Power Investment Co., Ltd.	2018222963	Olive Medical Corporation
2018222893	Freeman, D.; Freeman, D.	2018222964	Mitsubishi Hitachi Power Systems, Ltd.
2018222895	ENSPEC Pty Ltd	2018222965	Boehringer Ingelheim Vetmedica GmbH
2018222896	Auspex Pharmaceuticals, Inc.	2018222966	Aristocrat Technologies Australia Pty Limited
2018222897	Coogee Minerals Pty Ltd	2018222967	McKnight, G.; Yang, Z.; Rayborn, R.; Semple, A.; Parker, D.; Perkins, R.; Xu, W.
2018222899	Apple Inc.	2018222968	Tidi Products, LLC
2018222900	GECKO TYRE PTY LTD	2018222969	SHEARER, D.
2018222901	Deere & Company	2018222970	Renaissance Learning, Inc.
2018222902	Deere & Company	2018222971	Elastagen Pty Ltd
2018222903	Indian Motorcycle International, LLC	2018222972	O'Brien, G.; Dridan, M.
2018222904	Deere & Company	2018222973	Amgen Inc.
2018222905	Deere & Company	2018222974	Dow Global Technologies LLC
2018222906	Klin, A.; Jones, W.; Schultz, S.	2018222975	MiaSole Photovoltaic Technology Co., Ltd.
2018222907	Novoluto GmbH	2018222976	Sony Corporation
2018222908	Mettler Packaging Pty Ltd.	2018222977	Aristocrat Technologies Australia Pty Limited
2018222909	LG ELECTRONICS INC.	2018222978	Akamai Technologies, Inc.
2018222910	Sony Corporation	2018222979	The Texas A&M University System
2018222911	Ronda, V.	2018222980	Aimmune Therapeutics, Inc.
2018222913	Eyewear From Barcelona, S.L.	2018222981	Actuant Corporation
2018222914	Endemic Landscapes Pty Ltd	2018222983	Civitas Therapeutics, Inc.
2018222915	Rolapal Limited	2018222984	Ruentex Engineering & Construction Co., Ltd.
2018222916	Lycopodium Minerals Pty Ltd	2018222985	Genzyme Corporation
2018222918	Indigo AG, Inc.	2018222986	Snap-on Incorporated
2018222919	SITERWELL ELECTRONICS CO., LIMITED	2018222987	Snap-on Incorporated
2018222920	FB Rice Pty Ltd	2018222988	Snap-on Incorporated
2018222921	Glialogix, Inc	2018223060	24/7 Customer, Inc.
2018222922	Mettler Packaging Pty Ltd.	2018226378	Kaurin, Z.
2018222923	Safatli, H.	2018226396	Kaurin, Z.
2018222924	Johnson & Johnson Vision Care, Inc.		
2018222925	Velocity, The Greatest Phone Company Ever, Inc.		
2018222926	Theranos IP Company, LLC		
2018222927	Xyleco, Inc.		
2018222928	Isolynx, LLC		
2018222929	Butterfly Network, Inc.		
2018222930	Securus Medical Group, Inc.		
2018222931	Otis Elevator Company		
2018222932	PGS Geophysical AS		
2018222933	Inner Mongolia ShengYuan Technology Co. Ltd.; China University of Petroleum (East China)		



**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Aug 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Axis Pty Ltd (21) 2018101261 (22) 29.08.2018 (54) A PACK FOR TRANSFERRING HEAT WITH A PORTION OF A BODY</p> <hr/> <p>(71) Amiad Water Systems Ltd. (21) 2018101253 (22) 28.08.2018 (54) Multi-screen self-cleaning mechanism</p> <hr/> <p>(71) Amiad Water Systems Ltd. (21) 2018101254 (22) 28.08.2018 (54) Versatile-connectability filter housing and system</p> <hr/> <p>(71) Apple Inc. (21) 2018101238 (22) 27.08.2018 (54) Coatings for transparent substrates in electronic devices (31) 62/556,243 (32) 08.09.17 (33) US 15/900,575 20.02.18 US</p> <hr/> <p>(71) Apple Inc. (21) 2018101245 (22) 27.08.2018 (54) Situationally-aware alerts (62) PCT/US2017/020444</p> <hr/> <p>(71) Bampton, C. (21) 2018101239 (22) 27.08.2018 (54) Horse Therapy Boots and Pads that are all natural filling and biodegradable for hot or cold use</p> <hr/> <p>(71) BISSELL Homecare, Inc. (21) 2018101242 (22) 27.08.2018 (54) Vacuum cleaner (31) 62/556,618 (32) 11.09.17 (33) US</p> <hr/> <p>(71) Brooks, S.; Buono, J.C. (21) 2018101240 (22) 27.08.2018 (54) Solar Plant Structures - Improved and Multi-Functional Solar Panels Support Structure</p> <hr/> <p><b>Buono, J.C. see Brooks, S.</b> (21) 2018101240</p> <hr/> <p>(71) Cally and Claire Pty Ltd (21) 2018101199 (22) 17.08.2018 (54) Personalized recorded greeting cards and invitations, that can be recorded on the website and sent to recipient.</p> <hr/>	<p><b>Choi, H.K. see Hossain, K.</b> (21) 2018101236</p> <hr/> <p>(71) Corearth Australia Pty Ltd (21) 2018101218 (22) 23.08.2018 (54) A system and method for navigating web-based software applications</p> <hr/> <p>(71) Dreamtime Technologies Pty Ltd (21) 2018101234 (22) 25.08.2018 (54) An improved method for the production of reduced-alcohol wine and beer by perstraction through hydrophobic membranes (Dreamtime Technologies' process)</p> <hr/> <p>(71) Dreamtime Technologies Pty Ltd (21) 2018101235 (22) 25.08.2018 (54) An innovative process for extending the life of membrane contactors containing hydrophobic membranes</p> <hr/> <p>(71) Dumbaugh, G. (21) 2018101246 (22) 28.08.2018 (54) VIBRATING SCREENING FEEDER AND METHOD OF USE (62) 2016289709</p> <hr/> <p>(71) Durie, S. (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</p> <hr/> <p>(71) Eyewear From Barcelona, S.L. (21) 2018101241 (22) 27.08.2018 (54) Flexible temple for spectacles (62) 2014211287</p> <hr/> <p>(71) EzoTech Inc. (21) 2018101260 (22) 29.08.2018 (54) Automated Security Testing System and Method (31) 62/763,121 (32) 29.06.18 (33) US</p> <hr/> <p>(71) Fish, P.A. (21) 2018101233 (22) 25.08.2018 (54) Improved Mouth Mechanism for a Hand Puppet</p> <hr/> <p>(71) Gekko Systems Pty Ltd (21) 2018101267 (22) 30.08.2018</p> <hr/>	<p>(54) Bio-Digester (31) 2017903679 (32) 11.09.17 (33) AU</p> <hr/> <p>(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2018101255 (22) 28.08.2018 (54) A STEAM TABLE</p> <hr/> <p>(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2018101256 (22) 28.08.2018 (54) A WATER HEATER WITH ESSENTIAL-OIL BATH FUNCTION</p> <hr/> <p>(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2018101257 (22) 28.08.2018 (54) WINE CABINET</p> <hr/> <p>(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2018101258 (22) 28.08.2018 (54) A CIGARETTE EXTINGUISHER</p> <hr/> <p>(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2018101259 (22) 28.08.2018 (54) Infant Bathtub</p> <hr/> <p>(71) Hangzhou Shanshuo Technology Co., Ltd (21) 2018101248 (22) 28.08.2018 (54) INTELLIGENT DRYER</p> <hr/> <p>(71) Hangzhou Shanshuo Technology Co., Ltd (21) 2018101249 (22) 28.08.2018 (54) SMART HUMIDIFIER</p> <hr/> <p>(71) Hangzhou Shanshuo Technology Co., Ltd (21) 2018101250 (22) 28.08.2018 (54) SMART NOODLE MAKING MACHINE</p> <hr/> <p>(71) Hangzhou Shanshuo Technology Co., Ltd (21) 2018101251 (22) 28.08.2018 (54) WATER DISPENSER</p> <hr/> <p>(71) Hangzhou Shanshuo Technology Co., Ltd (21) 2018101252 (22) 28.08.2018 (54) FOOT BATH</p> <hr/>
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## Innovation Patent Applications Filed - Name Index cont'd

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- (71) Hossain, K.; Subedi, R.; Choi, H.K.  
(21) 2018101236 (22) 25.08.2018  
(54) TRANSDERMAL DELIVERY OF LIDOCAINE PRILOCAINE MIXTURE FROM CATAPLASM MATRIX
- 
- (71) Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Company Limited  
(21) 2018101247 (22) 28.08.2018  
(54) Application of persimmon leaf extract in the preparation of medicines for the treatment of primary insomnia  
(31) 201711334516 (32) 12.12.17 (33) CN
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- (71) Shuoxing Metal Products (Kunshan) Co., Ltd.  
(21) 2018101262 (22) 29.08.2018  
(54) Quick-Disassembly Nipple Connector Structure  
(31) 201821228549.6 (32) 01.08.18 (33) CN
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- (71) Shuoxing Metal Products (Kunshan) Co., Ltd.  
(21) 2018101263 (22) 29.08.2018  
(54) Quick-Disassembly Nipple Connector Structure  
(31) 201821263669.X (32) 01.08.18 (33) CN
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- (71) Smiff Pty Ltd  
(21) 2018101243 (22) 27.08.2018  
(54) Water distillation system  
(62) PCT/AU2017/050402
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- (71) SU, Y.  
(21) 2018101264 (22) 29.08.2018  
(54) Storage Cap and Storage Bottle Thereof
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- Subedi, R. see Hossain, K.**  
(21) 2018101236
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- (71) Vuly IP Holdings No. 2 Pty Ltd  
(21) 2018101244 (22) 27.08.2018  
(54) Basketball Hoop
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- (71) Wang, M.  
(21) 2018101265 (22) 29.08.2018  
(54) A new methodology and system to automatically generate WeChat-based web form.
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- (71) WIND-GEN PTY LTD  
(21) 2018101266 (22) 29.08.2018  
(54) Vertical Wind Turbine with integrated Solar Panels and Battery Storage Systems

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<b>2018101199</b>	Cally and Claire Pty Ltd	<b>2018101249</b>	Hangzhou Shanshuo Technology Co., Ltd
<b>2018101218</b>	Corearth Australia Pty Ltd	<b>2018101250</b>	Hangzhou Shanshuo Technology Co., Ltd
<b>2018101233</b>	Fish, P.A.	<b>2018101251</b>	Hangzhou Shanshuo Technology Co., Ltd
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<b>2018101237</b>	Durie, S.	<b>2018101255</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2018101238</b>	Apple Inc.	<b>2018101256</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2018101239</b>	Bampton, C.	<b>2018101257</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2018101240</b>	Brooks, S.; Buono, J.C.	<b>2018101258</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2018101241</b>	Eyewear From Barcelona, S.L.	<b>2018101259</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2018101242</b>	BISSELL Homecare, Inc.	<b>2018101260</b>	EzoTech Inc.
<b>2018101243</b>	Smiff Pty Ltd	<b>2018101261</b>	Aaxis Pty Ltd
<b>2018101244</b>	Vuly IP Holdings No. 2 Pty Ltd	<b>2018101262</b>	Shuoxing Metal Products (Kunshan) Co., Ltd.
<b>2018101245</b>	Apple Inc.	<b>2018101263</b>	Shuoxing Metal Products (Kunshan) Co., Ltd.
<b>2018101246</b>	Dumbaugh, G.	<b>2018101264</b>	SU, Y.
<b>2018101247</b>	Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Company Limited	<b>2018101265</b>	Wang, M.
<b>2018101248</b>	Hangzhou Shanshuo Technology Co., Ltd	<b>2018101266</b>	WIND-GEN PTY LTD
		<b>2018101267</b>	Gekko Systems 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
G	Patents Certified
N	Applications not Open to Public Inspection

**1998**

1998081853 ( 14 )	1998081857 ( 14 )	1998081863 ( 14 )
1998081866 ( 14 )	1998081876 ( 14 )	1998081889 ( 14 )
1998081922 ( 14 )	1998081923 ( 14 )	1998081941 ( 14 )
1998081942 ( 14 )	1998081954 ( 14 )	1998081957 ( 14 )
1998081976 ( 14 )	1998086422 ( 14 )	1998087434 ( 14 )
1998087436 ( 14 )	1998087498 ( 14 )	1998087509 ( 14 )
1998087937 ( 14 )	1998087946 ( 14 )	1998087983 ( 14 )
1998088710 ( 14 )	1998088756 ( 14 )	1998088762 ( 14 )
1998088952 ( 14 )	1998088953 ( 14 )	1998088964 ( 14 )
1998089225 ( 14 )	1998089234 ( 14 )	1998089637 ( 14 )
1998090121 ( 14 )	1998090388 ( 14 )	1998090393 ( 14 )
1998091120 ( 14 )	1998091174 ( 14 )	1998091211 ( 14 )
1998091219 ( 14 )	1998092057 ( 14 )	1998092060 ( 14 )
1998092092 ( 14 )	1998092107 ( 14 )	1998092109 ( 14 )
1998094372 ( 14 )	1998095335 ( 14 )	1998096237 ( 14 )

**1999**

1999017308 ( 14 )	1999017343 ( 14 )	1999024409 ( 14 )
1999026043 ( 14 )	1999026387 ( 14 )	1999026516 ( 14 )
1999027258 ( 14 )	1999027675 ( 14 )	1999027731 ( 14 )
1999031409 ( 14 )	1999033024 ( 14 )	1999043527 ( 14 )
1999059553 ( 14 )		

**2000**

2000017528 ( 14 )	2000017558 ( 14 )	2000025628 ( 14 )
2000025642 ( 14 )	2000026519 ( 14 )	2000033632 ( 14 )
2000054387 ( 14 )	2000056530 ( 14 )	

**2001**

2001023035 ( 14 )	2001023036 ( 14 )	2001023110 ( 14 )
2001023140 ( 14 )	2001035093 ( 14 )	2001059881 ( 14 )
2001235695 ( 14 )	2001236214 ( 14 )	2001237111 ( 14 )
2001237397 ( 14 )	2001237401 ( 14 )	2001242404 ( 14 )
2001250318 ( 14 )		

**2002**

2002015641 ( 14 )	2002016795 ( 14 )	2002044436 ( 14 )
2002229999 ( 14 )	2002232007 ( 14 )	2002232361 ( 14 )
2002233168 ( 14 )	2002233377 ( 14 )	2002236368 ( 14 )
2002237520 ( 14 )	2002247212 ( 14 )	2002252100 ( 14 )
2002323720 ( 14 )		

**2003**

2003200193 ( 14 )	2003200571 ( 14 )	2003201322 ( 14 )
2003203584 ( 14 )	2003204024 ( 14 )	2003210307 ( 14 )
2003210314 ( 14 )	2003211384 ( 14 )	2003212611 ( 14 )
2003213199 ( 14 )	2003224616 ( 14 )	2003230553 ( 14 )

**2004**

2004200562 ( 14 )	2004200598 ( 14 )	2004200694 ( 14 )
2004212104 ( 14 )	2004212650 ( 14 )	2004212757 ( 14 )
2004213297 ( 14 )	2004213573 ( 14 )	2004213597 ( 14 )
2004220637 ( 14 )	2004289162 ( 14 )	2004316617 ( 14 )

**2005**

2005200714 ( 14 )	2005214146 ( 14 )	2005215039 ( 14 )
2005219510 ( 14 )	2005228979 ( 14 )	2005229082 ( 14 )

**2006**

2006200706 ( 14 )	2006202217 ( 14 )	2006214142 ( 14 )
2006214166 ( 14 )	2006214438 ( 14 )	2006214896 ( 14 )
2006215602 ( 14 )	2006216085 ( 14 )	2006217214 ( 14 )
2006217615 ( 14 )	2006217931 ( 14 )	2006222350 ( 14 )
2006225914 ( 14 )	2006225915 ( 14 )	2006234853 ( 14 )

**2007**

2007200671 ( 14 )	2007214685 ( 14 )	2007215015 ( 14 )
2007215394 ( 14 )	2007217349 ( 14 )	2007217770 ( 14 )
2007217870 ( 14 )	2007220416 ( 14 )	2007220596 ( 14 )
2007221918 ( 14 )	2007221919 ( 14 )	2007228927 ( 14 )
2007229065 ( 14 )	2007241466 ( 14 )	2007254462 ( 14 )
2007281055 ( 14 )		

**2008**

2008215182 ( 14 )	2008217195 ( 14 )	2008217572 ( 14 )
2008217735 ( 14 )	2008217791 ( 14 )	2008218065 ( 14 )
2008219174 ( 14 )	2008219304 ( 14 )	2008225239 ( 14 )
2008243469 ( 14 )	2008246909 ( 14 )	2008264210 ( 14 )
2008351276 ( 14 )		

**2009**

2009200650 ( 14 )	2009202265 ( 14 )	2009215364 ( 14 )
2009215627 ( 14 )	2009215837 ( 14 )	2009215973 ( 14 )
2009216005 ( 14 )	2009216080 ( 14 )	2009216176 ( 14 )
2009216287 ( 14 )	2009216955 ( 14 )	2009217338 ( 14 )
2009218563 ( 14 )	2009222455 ( 14 )	2009229020 ( 14 )
2009229120 ( 14 )	2009251759 ( 14 )	

**2010**

2010100918 ( 22 )	2010100920 ( 22 )	2010100921 ( 22 )
2010100922 ( 22 )	2010100923 ( 22 )	2010100933 ( 22 )
2010100938 ( 22 )	2010100939 ( 22 )	2010200544 ( 14 )
2010200558 ( 14 )	2010200582 ( 14 )	2010212634 ( 14 )
2010214818 ( 14 )	2010215035 ( 14 )	2010215934 ( 14 )
2010216190 ( 14 )	2010216383 ( 14 )	2010216472 ( 14 )

2010216509 ( 14 )    2010216980 ( 14 )    2010217661 ( 14 )  
 2010218519 ( 14 )    2010218946 ( 14 )    2010256020 ( 14 )  
 2010272444 ( 14 )

**2011**

2011200094 ( 14 )    2011200643 ( 14 )    2011200691 ( 14 )  
 2011200733 ( 14 )    2011201929 ( 14 )    2011214104 ( 14 )  
 2011216589 ( 14 )    2011216591 ( 14 )    2011216596 ( 14 )  
 2011216647 ( 14 )    2011216682 ( 14 )    2011216964 ( 14 )  
 2011217010 ( 14 )    2011217068 ( 14 )    2011217128 ( 14 )  
 2011217496 ( 14 )    2011217742 ( 14 )    2011217940 ( 14 )  
 2011218019 ( 14 )    2011218127 ( 14 )    2011223100 ( 14 )  
 2011227641 ( 14 )    2011258819 ( 14 )    2011299572 ( 14 )  
 2011302570 ( 14 )    2011314319 ( 14 )    2011359108 ( 14 )  
 2011359109 ( 14 )

**2012**

2012100166 ( 22E )    2012100184 ( 22E )    2012100187 ( 22E )  
 2012100306 ( 22 )    2012200031 ( 14 )    2012200866 ( 14 )  
 2012200937 ( 14 )    2012202229 ( 14 )    2012217127 ( 14 )  
 2012217128 ( 14 )    2012217616 ( 14 )    2012217751 ( 14 )  
 2012217763 ( 14 )    2012219023 ( 14 )    2012219251 ( 14 )  
 2012219675 ( 14 )    2012220773 ( 14 )    2012220826 ( 14 )  
 2012221159 ( 14 )    2012221766 ( 14 )    2012222267 ( 14 )  
 2012223125 ( 14 )    2012231642 ( 14 )    2012231643 ( 14 )  
 2012244187 ( 14 )    2012254144 ( 14 )    2012261723 ( 14 )  
 2012265189 ( 14 )    2012268903 ( 14 )    2012369989 ( 14 )  
 2012370000 ( 14 )    2012370005 ( 14 )    2012370013 ( 14 )  
 2012381098 ( 5C )

**2013**

2013100157 ( 22E )    2013100158 ( 22E )    2013100168 ( 22E )  
 2013100181 ( 22E )    2013100245 ( 22 )    2013200329 ( 5C )  
 2013200845 ( 14 )    2013200920 ( 14 )    2013200923 ( 14 )  
 2013200980 ( 14 )    2013202789 ( 14 )    2013203874 ( 14 )  
 2013206599 ( 5C )    2013220102 ( 4C )    2013220906 ( 14 )  
 2013221304 ( 4D )    2013221998 ( 5C )    2013222633 ( 14 )  
 2013223200 ( 14 )    2013223201 ( 14 )    2013223341 ( 14 )  
 2013224082 ( 4C )    2013224102 ( 14 )    2013224145 ( 14 )  
 2013237949 ( 5C )    2013240504 ( 14 )    2013242806 ( 25D )  
 2013242985 ( 14 )    2013242988 ( 14 )    2013263150 ( 5C )  
 2013263373 ( 14 )    2013263787 ( 14 )    2013300971 ( 14 )  
 2013308568 ( 5C )    2013315370 ( 5C )    2013318298 ( 5C )  
 2013331379 ( 25D )    2013339046 ( 5C )    2013342725 ( 5C )  
 2013346578 ( 5C )    2013356680 ( 5C )    2013366011 ( 5C )  
 2013376761 ( 14 )    2013378823 ( 14 )    2013378824 ( 14 )

**2014**

2014200830 ( 14 )    2014200838 ( 4C )    2014200873 ( 14 )  
 2014200896 ( 4C )    2014201046 ( 5C )    2014201136 ( 5C )  
 2014201194 ( 5C )    2014201208 ( 5C )    2014201210 ( 5C )  
 2014201233 ( 5C )    2014201352 ( 5C )    2014217461 ( 4C )  
 2014217917 ( 4C )    2014218453 ( 5C )    2014218706 ( 4C )  
 2014218732 ( 4C )    2014218800 ( 14 )    2014218801 ( 14 )  
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 2014219440 ( 14 )    2014219665 ( 4C )    2014220499 ( 4C )  
 2014220708 ( 4C )    2014220723 ( 4C )    2014221262 ( 1B )  
 2014222855 ( 14 )    2014223949 ( 14 )    2014226441 ( 14 )  
 2014226472 ( 4B )    2014226533 ( 4C )    2014231780 ( 5C )  
 2014238313 ( 4B )    2014241534 ( 5C )    2014242202 ( 4B )  
 2014244318 ( 5C )    2014248855 ( 5C )    2014249976 ( 14 )  
 2014252704 ( 5C )    2014259269 ( 5C )    2014261070 ( 5C )  
 2014265193 ( 5C )    2014268272 ( 1B )    2014268285 ( 1B )  
 2014268872 ( 5C )    2014273682 ( 5C )    2014273741 ( 5C )  
 2014279324 ( 5C )    2014279325 ( 5C )    2014298312 ( 5C )  
 2014306435 ( 5C )    2014312178 ( 25D )    2014318661 ( 1B )  
 2014318704 ( 25D )    2014343351 ( 25D )    2014346842 ( 5C )  
 2014360737 ( 5C )    2014364797 ( 5C )    2014383552 ( 4B )  
 2014383565 ( 4B )    2014402028 ( 5C )

**2015**

2015200991 ( 1B )    2015204587 ( 1B )    2015206715 ( 1B )

2015213284 ( 14 )    2015226036 ( 1B )    2015226917 ( 1B )  
 2015227067 ( 1B )    2015227273 ( 1B )    2015252086 ( 1B )  
 2015256250 ( 5C )    2015263888 ( 5C )    2015273098 ( 25D )  
 2015274972 ( 5C )    2015280467 ( 25D )    2015292008 ( 25D )  
 2015295507 ( 5C )    2015296315 ( 5C )    2015322583 ( 1B )  
 2015326419 ( 1B )    2015327882 ( 1B )    2015331962 ( 25D )  
 2015369266 ( 5C )    2015392003 ( 25D )    2015392006 ( 25D )

**2016**

2016100163 ( 22E )    2016100168 ( 22E )    2016100179 ( 22E )  
 2016100181 ( 22E )    2016100182 ( 22E )    2016100184 ( 22E )  
 2016100442 ( 22E )    2016102122 ( 21F )    2016102385 ( 22 )  
 2016200994 ( 5C )    2016201505 ( 5C )    2016201617 ( 5C )  
 2016201648 ( 4C )    2016203067 ( 4C )    2016203774 ( 4C )  
 2016203797 ( 5C )    2016204049 ( 5C )    2016204084 ( 5C )  
 2016204317 ( 5C )    2016204409 ( 5C )    2016204489 ( 5C )  
 2016204648 ( 5C )    2016204681 ( 5C )    2016208372 ( 5C )  
 2016210653 ( 5C )    2016210666 ( 5C )    2016213863 ( 5C )  
 2016216564 ( 25D )    2016216689 ( 5C )    2016219587 ( 5C )  
 2016225893 ( 5C )    2016225952 ( 5C )    2016228194 ( 5C )  
 2016238873 ( 4C )    2016238901 ( 5C )    2016244263 ( 5C )  
 2016244295 ( 5C )    2016250348 ( 5C )    2016250423 ( 5C )  
 2016250468 ( 4C )    2016253581 ( 5C )    2016253654 ( 5C )  
 2016254447 ( 5C )    2016266059 ( 5C )    2016287614 ( 5C )

**2017**

2017101722 ( 21F )    2017200391 ( 5C )    2017200502 ( 5C )  
 2017201392 ( 5C )    2017201679 ( 5C )    2017202141 ( 4C )  
 2017208271 ( 4C )    2017208377 ( 5CN )    2017208388 ( 5C )  
 2017239608 ( 4C )    2017903614 ( 12AN )    2017904288 ( 12AN )

**2018**

2018101218 ( 12AN )    2018204090 ( 1B )    2018204096 ( 1B )  
 2018204129 ( 1B )    2018204137 ( 1B )    2018204242 ( 7AN )  
 2018217312 ( 12A )    2018903102 ( 12AN )

**Assignments before Grant, Section 113**

**2013**

2013299403 HallStar Innovations Corp. The application has been assigned to **HallStar Beauty and Personal Care Innovations Company**

2013377470 Alevo International S.A. The application has been assigned to **Innolith Assets AG**

**2014**

2014209548 Alcyone LifeSciences, Inc. The application has been assigned to **Anuncia, Inc**

2014214850 Anthrogenesis Corporation The application has been assigned to **Celgene Corporation**

2014215005 Oasys Water, Inc. The application has been assigned to **Oasys Water LLC**

2014229502 Lonza Cologne GmbH The application has been assigned to **Van Den Bos, Christian**

2014237109 Oasys Water, Inc. The application has been assigned to **Oasys Water LLC**

2014266935 Delforge, Michel; Verfaillie, Catherine; Katholieke Universiteit Leuven; Roobrouck, Valerie The application has been assigned to **Katholieke Universiteit Leuven**

**Assignments before Grant, Section 113**

2014344789 Pitney Pharmaceuticals Pty Limited; NewSouth Innovations Pty Limited The application has been assigned to **Pitney Pharmaceuticals Pty Limited**

2014353129 Oasys Water, Inc. The application has been assigned to **Oasys Water LLC**

2014359362 BC Training, Brain Centred Training The application has been assigned to **SENSEBALL HOLDING**

**2015**

2015215962 Tait Limited The application has been assigned to **Tait International Limited**

2015244268 Oasys Water, Inc. The application has been assigned to **Oasys Water LLC**

2015244828 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

2015247353 Alcyone Lifesciences, Inc. The application has been assigned to **Anuncia, Inc**

2015265705 Pragma Well Technology Limited The application has been assigned to **Well-SENSE Technology Limited**

2015271651 Little, Anthony The application has been assigned to **Ecosea Pty Ltd**

2015330490 Guangdong Zhongsheng Pharmaceutical Co., Ltd; Med-shine Discovery Inc. The application has been assigned to **Guangdong Zhongsheng Pharmaceutical Co., Ltd**

2015368963 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

**2016**

2016205659 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

2016207504 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

2016207505 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

2016224522 Suntory Beverage & Food Limited The application has been assigned to **Suntory Holdings Limited**

2016334413 Syddansk Universitet The application has been assigned to **Particle3D ApS**

2016354511 Abbasi, Hamid The application has been assigned to **Advance Research System, LLC**

2016379813 Vickers, Matthew John; Katyal, Dinesh The application has been assigned to **Xero Limited**

**Assignments before Grant, Section 113**

**2017**

2017202533 Hallstar Innovations Corp. The application has been assigned to **HallStar Beauty and Personal Care Innovations Company**

2017211858 Studer, Lorenz; Qi, Yuchen; Memorial Sloan-Kettering Cancer Center The application has been assigned to **Memorial Sloan-Kettering Cancer Center**

2017217389 Cajiga, Jose; Cajiga, Alexandra; Villar, Vincente; Villar, Arturo The application has been assigned to **Capat LLC**

2017901359 Saatchi & Saatchi Australia Pty Ltd The application has been assigned to **WESTPAC BANKING CORPORATION**

2017904196 Tellus Holdings Ltd The application has been assigned to **TechVault Pty Ltd**

2017904246 Young Guns Holdings Pty Ltd The application has been assigned to **YGCC Holdings Pty Ltd**

**2018**

2018203558 Anthrogenesis Corporation The application has been assigned to **Celgene Corporation**

2018900136 Steelvision Pty Ltd The application has been assigned to **Automated Facade Systems Pty Ltd**

2018901003 Young Guns Holdings Pty Ltd The application has been assigned to **YGCC Holdings 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.

**2004**

2004274002 **Xenoport, Inc.** An application to extend the time from 17 Sep 2017 to 17 Sep 2018 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

**2005**

2005301970 **Xenoport, Inc.** An application to extend the time from 03 Nov 2016 to 03 Sep 2018 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

**2007**

2007215394 **Gravitas Technologies Pty Ltd** An application to extend the time from 16 Feb 2018 to 16 Sep 2018 in which to pay a renewal fee has been filed . Address for service - STEELE ENVIRONMENT SOLUTIONS PTY. LTD. PO BOX 91 Lynbrook VIC 3975 AU

**2008**

2008351276 **RAG AKTIENGESELLSCHAFT** An application to extend the time from 19 Feb 2018 to 19 Sep 2018 in which to pay a renewal

**Extensions of Time, Section 223**

fee has been filed . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

**2010**

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

**2012**

2012342258 **CompactGTL Limited** An application to extend the time from 15 Nov 2017 to 15 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2012362378 **Development Center for Biotechnology; DCB-USA LLC** An application to extend the time from 27 Dec 2017 to 27 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Collision & Co Gpo Box 2556 Adelaide SA 5001 AU

**2013**

2013316001 **Munger, K.** An application to extend the time from 23 Aug 2017 to 23 Jul 2018 in which to pay a continuation fee has been filed . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

**2014**

2014237438 **Smith & Nephew, Inc.** An application to extend the time from 15 Sep 2018 to 15 Nov 2018 in which to make a further application for a divisional patent and gain acceptance has been filed . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014337188 **LanzaTech New Zealand Limited** An application to extend the time from 23 Jun 2018 to 23 Jan 2019 in which to gain acceptance has been filed . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**2016**

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

**2017**

2017202256 **Wave Power Renewables Limited** An application to extend the time from 03 Dec 2017 to 03 Jul 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

2017203568 **LTA Corporation** An application to extend the time from 06 Feb 2018 to 06 Sep 2018 in which to pay a continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**Extensions of Time, Section 223**

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

**2004**

2004300755 **Kahn, A.** The time in which to pay a renewal fee has been extended to 12 May 2018 . Address for service - PIPERS PIPERS Melbourne U 9B 9 Beach St Port Melbourne VIC 3207 AU

**2010**

2010302454 **Roquette Freres** The time in which to pay a renewal fee has been extended to 30 May 2018 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

**2011**

2011294744 **Triple T Purification Ltd.** The time in which to pay a continuation fee has been extended to 24 May 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2012**

2012339611 **Calverley, R.** The time in which to pay a renewal fee has been extended to 13 Jun 2018 . Address for service - Robert Calverley 6 Lindal Street Ashmore QLD 4214 AU

**2014**

2014240738 **Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; Technion Research and Development Foundation Ltd.** The time in which to gain acceptance has been extended to 11 Nov 2018 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

**2015**

2015205809 **Barberio, A.** The time in which to request Examination has been extended to 24 Aug 2018 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2015215966 **Forrest, G.** The time in which to gain acceptance has been extended to 09 Nov 2018 . Address for service - Gabriel Forrest Belconnen U 32 1 Howie Ct Belconnen ACT 2617 AU

2015342005 **Petroleum Technology Company AS** The time in which to pay the acceptance fee has been extended to 10 Sep 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016262706 **KIM THI PHAM, L.** The time in which to request examination and pay a continuation fee has been extended to 29 Mar 2018 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2016353261 **Koch Agronomic Services, LLC** The time in which to enter the National Phase has been extended to 11 Jul 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2018**

2018202157 **eBet Gaming Systems** The time in which to request Examination has been extended to 10 Jul 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43, 101 Collins Street Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

2018203716 **Vinecombe, B.** The time in which to request examination has been extended to 05 Sep 2018 . Address for service - Barbara Jean Vinecombe P O Box 5 Yorkeys Knob QLD 4878 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.

**2012**

2012342547 Method for producing substituted 5-fluoro-1H-pyrazolopyridines **Adverio Pharma GmbH** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2012391049 Method of making a panel **Kachigian LP** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2013**

2013255031 Methods and compositions for generating pancreatic progenitors and functional beta cells from hPSCs **University Health Network** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2018 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

**2014**

2014214850 Modified T lymphocytes having improved specificity **Celgene Corporation** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014290143 Secure remote payment transaction processing **Visa International Service Association** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014396794 Adjustable dumbbell system **Nautilus, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2015**

2015394001 Methods for controlling a headset device, headset devices, computer readable media, and infrared sensors **Razer (Asia-Pacific) Pte. Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2018 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2017**

2017371908 Dispenser having a sub-assembly for selectively engaging and disengaging a plunger rod **Neogen Corporation** The nature of the amendment is as shown in the statement(s) filed 31

**Amendments**

Aug 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made****2013**

2013201314 **Eshaghpour, B.** The nature of the amendment is: Application is to proceed under the number 2013101805

2013201314 **Eshaghpour, B.** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2018

2013267357 **Curemark, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Jun 2018

2013353965 **Valvulas Arco, S.L.** The nature of the amendment is: Application is to proceed under the number 2013101804

2013364047 **DEKA Products Limited Partnership** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2018

**2014**

2014222767 **BASF SE** The nature of the amendment is: Amend the name of the inventor to read Wortmann, Juergen; Lutz, Michael; Gaertner, Martin; Schierle-Arndt, Kerstin; Maurer, Stephan; Ladenberger, Michael; Geyer, Karolin and Garlichs, Florian

2014230489 **Intervet International B.V.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 26 Jul 2018

2014246870 **TopiVert Pharma Limited; Respivert Limited** The nature of the amendment is as shown in the statement(s) filed 30 May 2018

2014271198 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2014101642

2014296308 **Gilead Connecticut, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 May 2018

**2015**

2015229217 **Huwais, S.; Huwais IP Holding LLC** The nature of the amendment is: Application is to proceed under the number 2015101930

2015240667 **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2018

2015266453 **Beijing Pearl Biotechnology Limited Liability Company** The nature of the amendment is as shown in the statement(s) filed 22 May 2018

2015327930 **Aspen Aerogels, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 May 2018

2015339739 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 May 2018



**Amendments**

**2016**

2016225896 **Sunesis Pharmaceuticals, Inc.; Millennium Pharmaceuticals, Inc** The nature of the amendment is as shown in the statement(s) filed 28 May 2018

2016280161 **Imprimis Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Berdahl, John; Wiley, William F. and Saadeh, Dennis Elias

2016298227 **MacroGenics, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2018

2016372824 **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read Hallen, Paul R. and Stark III, Walter J.

2016384364 **Snipr Technologies Limited** The nature of the amendment is: Amend the invention title to read Recombinogenic nucleic acid strands in situ

2016398123 **Honda Motor Co., Ltd.** The nature of the amendment is: Amend the invention title to read Unmanned Operation Vehicle

2016424227 **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to read Lin, Baiquan; Yan, Fazhi; Zhang, Xiangliang; Kong, Jia; Liu, Ting and Zhu, Chuanjie

**2017**

2017100075 **Webb, M.; Anderson, S.** The nature of the amendment is: Amend the invention title to read MyCareerBase is a national cloud based online training management application that allows individuals and businesses to store skills/qualifications that have been gained from their careers. This application allows the storage and sharing of individual qualifications nation wide.

2017200911 **Advanced Bariatric Technology, LLC** The nature of the amendment is: Amend the name of the inventor to read Armenteros, Jesus R.; Jacobs, Moises and French, C. Kenneth

2017206089 **Arbele Limited** The nature of the amendment is: Amend the name of the inventor to read Staunton, Donald E.; Luk, John Moonching and Li, Zhijie

2017207906 **American Gene Technologies International Inc.** The nature of the amendment is: Amend the invention title to read Methods and compositions for the activation of gamma-delta T-cells

2017209352 **Shanghai Hongyan Returnable Transit Packagings Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read FANG, Zhengwei

2017212295 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Refrigeration apparatus

2017213404 **Kyowa Hakko Kirin Co., Ltd.** The nature of the amendment is: Amend the invention title to read Nucleic acid conjugate

2017214566 **The General Hospital Corporation** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2018

**Amendments**

2017217377 **The Sherwin-Williams Company** The nature of the amendment is: Amend the name of the inventor to read Levand, Victor J.; Gaurav, Sharad; Mulroy, Sarah Bridget; Robertson, Joshua R.; Goodwin, Edward Ray; Boss, Randi and Lambertson JR, Michael C.

2017217559 **Smart Drilling GmbH** The nature of the amendment is: Amend the invention title to read Directional drilling device and method for calibrating the same

2017221623 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2018

2017224479 **Noul Co., Ltd.** The nature of the amendment is: Amend the invention title to read BLOOD STAINING PATCH, METHOD AND DEVICE FOR BLOOD TEST USING THE SAME

2017227323 **Japan Agency for Marine-Earth Science and Technology** The nature of the amendment is: Amend the name of the inventor to read NISHIURA, Daisuke

2017227455 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Steel Sheet for Can and Method for Manufacturing the Same

2017227700 **Fairlife, LLC** The nature of the amendment is: Amend the name of the inventor to read Ur-Rehman, Shakeel; Kopesky, Brandon; Backinoff, Scott; Doelman, Timothy Peter and White, Calvin

2017232873 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read Putrescine-Producing Microorganism and Method for Producing Putrescine Using the Same

2017249050 **Fresenius Medical Care Holdings, Inc.** The nature of the amendment is: Amend the name of the inventor to read Crawford, William Scott and Ohline, Robert Matthew

2017253080 **Kao Corporation** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING LIPID

**2018**

2018100502 **CMTE Development Limited** The nature of the amendment is: Amend the name of the inventor to read Adam, Scott Christopher; Pienaar, Barend Jacobus; Bajram, Enver and Kok, Joel Chern Liang

2018101244 **Vuly IP Holdings No. 2 Pty Ltd** The nature of the amendment is: Amend the invention title to read A goal hoop stand assembly

2018201341 **View, Inc.** The nature of the amendment is: Amend the name of the inventor to read BROWN, Stephen C.; KHOWAL, Deepika; VORA, Namrata and PHILIP, Santosh V.

2018211324 **Uber Technologies, Inc.** The nature of the amendment is: Amend the invention title to read Multi-modal switching on a collision mitigation system

2018217226 **Biotechnology Research Center, Shandong Academy of Agricultural Sciences** The nature of the amendment is: Amend the invention title to read Special film-coated controlled release fertilizer for peanut in high yield field and preparation process thereof

**Amendments**

2018220089 **Centre for Addiction and Mental Health; Memotext Corporation** The nature of the amendment is: Amend the invention title to read Tool for Identifying Occurrence of Acute Incident Symptomatic of Mental Condition or Disorder

2018900924 **Massa, M.** The nature of the amendment is: Amend the invention title to read Deployable Flight Data Recorder with Data Recovery and Method

2018903177 **Guardian Agchem Pty Ltd** The nature of the amendment is: Amend the invention title to read Method for the Processing of Lithium Containing Materials

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

**2001**

2001024626 NPS PHARMACEUTICALS, INC. The name of the patentee has been altered to **Shire-NPS Pharmaceuticals, Inc.**

**2002**

2002232537 Safegate International AB The name of the patentee has been altered to **ADB Safegate Sweden AB**

**2004**

2004201489 Electro-Motive Diesel, Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

2004201491 Electro-Motive Diesel, Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

**2006**

2006203759 Safegate International AB The name of the patentee has been altered to **ADB Safegate Sweden AB**

**2007**

2007323703 Electro-Motive Diesel, Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

**2009**

2009219353 Electro-Motive Diesel Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

2009270847 Electro-Motive Diesel, Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

2009279944 Medivation Technologies, Inc. The name of the patentee has been altered to **Medivation Technologies, LLC**

**2010**

2010247874 Triagenics, LLC The name of the patentee has been altered to **TriAgenics, Inc.**

2010349739 Myriant Corporation The name of the patentee has been altered to **PTTGC Innovation America Corporation**

**Amendments**

**2011**

2011268342 Inflammatory Response Research, Inc. The name of the patentee has been altered to **IRR, Inc.**

2011373671 Myriant Corporation The name of the patentee has been altered to **PTTGC Innovation America Corporation**

**2012**

2012272512 Bemax Resources Limited The name of the patentee has been altered to **CRISTAL MINING AUSTRALIA LIMITED**

2012340365 Novartis Consumer Health S.A. The name of the patentee has been altered to **GSK Consumer Healthcare S.A**

**2013**

2013204655 Bemax Resources Limited The name of the patentee has been altered to **CRISTAL MINING AUSTRALIA LIMITED**

2013226100 Electro-Motive Diesel, Inc. The name of the patentee has been altered to **Progress Rail Locomotive Inc.**

2013240003 The Regents of the University of Colorado The name of the patentee has been altered to **The Regents of the University of Colorado, a body corporate**

2013342257 Smith & Nephew, Inc-- The name of the applicant has been altered to **Smith & Nephew, Inc.**

**2014**

2014210584 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2014225553 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2014236086 Epeius Biotechnologies Corporation The name of the applicant has been altered to **Genvivo, Inc.**

2014236208 Epeius Biotechnologies Corporation The name of the applicant has been altered to **Genvivo, Inc.**

2014240342 Electro-Motive Diesel, Inc The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2014243155 Arjo Hospital Equipment AB The name of the applicant has been altered to **Arjo IP Holding Aktiebolag**

2014249456 Inflammatory Response Research, Inc. The name of the applicant has been altered to **IRR, Inc.**

2014249530 Inflammatory Response Research, Inc. The name of the applicant has been altered to **IRR, Inc.**

2014249531 Inflammatory Response Research, Inc. The name of the applicant has been altered to **IRR, Inc.**

2014249534 Inflammatory Response Research, Inc. The name of the applicant has been altered to **IRR, Inc.**

**Amendments**

2014311275 Quicksmart Stairs International Pty Ltd The name of the applicant has been altered to **Clickstair Pty Ltd**

2014363636 Institut Curie; Universite Pierre et Marie Curie (Paris 6) The name of the applicant has been altered to **Institut Curie; Sorbonne Université**

2014379449 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

**2015**

2015213261 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2015213262 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2015213338 Triagenics, LLC The name of the patentee has been altered to **TriAgenics, Inc.**

2015235549 SoundFun!Co., Ltd. The name of the patentee has been altered to **Sound Fun Corporation**

2015268587 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2015268588 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2015317538 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2015328429 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2015339679 Myriant Corporation The name of the applicant has been altered to **PTTGC Innovation America Corporation**

2015369627 Massachusetts Institute of Technology; Synlogic, Inc. The name of the applicant has been altered to **Massachusetts Institute of Technology; Synlogic Operating Company, Inc.**

**2016**

2016202101 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016202102 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016202103 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016202606 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016202731 University of Technology, Sydney The name of the applicant has been altered to **University of Technology Sydney**

**Amendments**

2016206293 ELECTRO-MOTIVE DIESEL, INC. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016208429 ELECTRO-MOTIVE DIESEL, INC. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016234923 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016247053 ELECTRO-MOTIVE DIESEL, INC. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016253593 Reoxcyn Discoveries Group, Inc. The name of the applicant has been altered to **Reoxcyn, LLC**

2016256721 ELECTRO-MOTIVE DIESEL, INC. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016266439 Treamid GmbH The name of the applicant has been altered to **Treamid Therapeutics GmbH**

2016273931 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016273978 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2016313409 Volexity, LLC The name of the applicant has been altered to **Volexity, Inc.**

2016377580 Myriant Corporation The name of the applicant has been altered to **PTTGC Innovation America Corporation**

2016393828 Facebook, Inc; The name of the applicant has been altered to **Facebook, Inc.**

**2017**

2017200920 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2017206089 Arbele Limited; Donald E. Staunton The name of the applicant has been altered to **Arbele Limited**

2017206191 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2017208160 Paskal Technologies Agriculture Cooperative Ltd. The name of the applicant has been altered to **PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE SOCIETY LTD.**

2017216258 Imagine Intelligent Materials Pty Ltd The name of the applicant has been altered to **IMAGINE INTELLIGENT MATERIALS LIMITED**

2017245423 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

2017245424 Electro-Motive Diesel, Inc. The name of the applicant has been altered to **Progress Rail Locomotive Inc.**

**Amendments**

2017268561 Novartis Consumer Health S.A. The name of the applicant has been altered to **GSK Consumer Healthcare S.A.**

2017272184 Impact Technologies Australia PTY LTD The name of the applicant has been altered to **HitIQ Limited**

2017272185 Impact Technologies Australia PTY LTD The name of the applicant has been altered to **HitIQ Limited**

**2018**

2018217997 Kabushiki Kaisha Toshiba The name of the applicant has been altered to **Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba**

2018220090 Collison & Co The name of the applicant has been altered to **SMART VENT PRODUCTS, INC.**

Applications Open to Public Inspection

Name Index

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

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(71) 4 Season Company Pty Ltd  
 (11) AU-A-2017202678  
 (21) 2017202678 (22) 21.04.2017  
 (54) Medicated Molasses Block  
 (51) Int. Cl.  
**A23K 10/33** ( 2016.01 )  
**A23K 20/22** ( 2016.01 )  
**A23K 20/24** ( 2016.01 )  
**A23K 20/26** ( 2016.01 )  
**A23K 40/20** ( 2016.01 )  
**A23K 50/10** ( 2016.01 )  
**A61K 31/403** ( 2006.01 )  
**A61K 31/5415** ( 2006.01 )  
**A61K 47/46** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
 (31) 2017900683 (32) 28.02.17 (33) AU  
 (43) 13.09.2018  
 (72) Olsson, Charles Robert; Windsor, Peter  
 (74) Spruson & Ferguson

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018200874  
 (21) 2018200874 (22) 06.02.2018  
 (54) MACHINE LEARNING FOR PREVENTIVE ASSURANCE AND RECOVERY ACTION OPTIMIZATION  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06F 17/18** ( 2006.01 )  
**G06N 7/02** ( 2006.01 )  
 (31) 15/441,696 (32) 24.02.17 (33) US  
 (43) 13.09.2018  
 (72) FIUMARA, Thomas; GRIGOLETTI, Marco; TRIPPUTI, Luigi; CASTRIGNO, Marta  
 (74) Murray Trento & Associates Pty Ltd

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(71) Agensys, Inc.; Seattle Genetics, Inc.  
 (11) AU-A-2018220120  
 (21) 2018220120 (22) 24.08.2018  
 (54) ANTIBODY DRUG CONJUGATES (ADC) THAT BIND TO 158P1D7 PROTEINS  
 (51) Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12P 21/08** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2013305534  
 (72) Morrison, Robert Kendall; An, Zili; Morrison, Karen Jane Meyrick; Snyder, Josh; Jia, Xiao-chi  
 (74) Phillips Ormonde Fitzpatrick

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(71) Apple Inc.  
 (11) AU-A-2018220115  
 (21) 2018220115 (22) 23.08.2018  
 (54) Virtual assistant continuity

(51) Int. Cl.  
**G06F 9/48** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2016230001  
 (72) SUMNER, Michael R.; DIBIASE, Evan S.; PHIPPS, Benjamin S.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018222890  
 (21) 2018222890 (22) 27.08.2018  
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device  
 (51) Int. Cl.  
**G06F 3/0486** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**G06F 9/44** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2016268860  
 (72) GROSS, Daniel C.; COFFMAN, Patrick L.; DELLINGER, Richard R.; FOSS, Christopher P.; GAUCI, Jason J.; HAGHIGHI, Aria D.; IRANI, Cyrus D.; JONES, Bronwyn A.; KAPOOR, Gaurav; LEMAY, Stephen O.; MORRIS, Colin C.; SIRACUSA, Michael R.; YANG, Lawrence Y.; RAMERTH, Brent D.; BELLEGARDA, Jerome R.; DOLFING, Jannes G. A.; PAGALLO, Guilia M.; WANG, Xin; HATORI, Jun; MOHA, Alexandre R.; TOUDJI, Sofiane; CLARK, Kevin D.; KOHLSCHUETTER, Karl Christian; ANDERSEN, Jesper S.; ARRAS, Hafid; CARLHIAN, Alexandre; DENIAU, Thomas; MARTEL, Mathieu J.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018222899  
 (21) 2018222899 (22) 28.08.2018  
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device  
 (51) Int. Cl.  
**G06F 3/0486** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**G06F 9/44** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2016268860  
 (72) GROSS, Daniel C.; COFFMAN, Patrick L.; DELLINGER, Richard R.; FOSS, Christopher P.; GAUCI, Jason J.; HAGHIGHI, Aria D.; IRANI, Cyrus D.; JONES, Bronwyn A.; KAPOOR, Gaurav; LEMAY, Stephen O.; MORRIS, Colin C.; SIRACUSA, Michael R.; YANG, Lawrence Y.; RAMERTH, Brent D.; BELLEGARDA, Jerome R.; DOLFING, Jannes G. A.; PAGALLO, Guilia M.; WANG, Xin; HATORI, Jun; MOHA, Alexandre R.; TOUDJI, Sofiane;

CLARK, Kevin D.; KOHLSCHUETTER, Karl Christian; ANDERSEN, Jesper S.; ARRAS, Hafid; CARLHIAN, Alexandre; DENIAU, Thomas; MARTEL, Mathieu J.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Aquinox Pharmaceuticals (Canada) Inc.  
 (11) AU-A-2018220093  
 (21) 2018220093 (22) 23.08.2018  
 (54) SHIP1 modulators and methods related thereto  
 (51) Int. Cl.  
**C07C 39/08** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/09** ( 2006.01 )  
**C07C 43/205** ( 2006.01 )  
**C07C 49/83** ( 2006.01 )  
**C07C 61/39** ( 2006.01 )  
**C07C 233/76** ( 2006.01 )  
**C07D 213/38** ( 2006.01 )  
**C07D 213/82** ( 2006.01 )  
**C07D 213/89** ( 2006.01 )  
**C07D 233/64** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2014205587  
 (72) Mackenzie, Lloyd F.; Macrury, Thomas B.; Harwig, Curtis; Bogucki, David; Raymond, Jeffery R.; Pettigrew, Jeremy D.; Khlebnikov, Vladimir; Shan, Rudong  
 (74) Davies Collison Cave Pty Ltd

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(71) ARCH HOLDINGS, LP  
 (11) AU-A-2018220156  
 (21) 2018220156 (22) 24.08.2018  
 (54) Kiosk gift card system and method  
 (51) Int. Cl.  
**G06Q 40/00** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2016206788  
 (72) CURTIS, James Robert  
 (74) Griffith Hack

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(71) Arconic, Inc.  
 (11) AU-A-2018219985  
 (21) 2018219985 (22) 20.08.2018  
 (54) METHODS FOR PRODUCING FORGED PRODUCTS AND OTHER WORKED PRODUCTS  
 (51) Int. Cl.  
**B21K 3/04** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2014287260  
 (72) Bush, Dustin M.; Roegner, Eric V.; Colvin, Edward L.; Mueller, Larry N.; Rioja, Roberto J.; Bodily, Brandon Hendrickson  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017201335  
 (21) 2017201335 (22) 27.02.2017  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
 (43) 13.09.2018  
 (72) GUPTA, Lipi  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018220144  
 (21) 2018220144 (22) 24.08.2018  
 (54) An Electronic Gaming System, Device, Machine and Method  
 (51) Int. Cl.  
**A63F 13/79** ( 2014.01 )  
 (43) 13.09.2018  
 (62) 2016210630  
 (72) LY, Sen  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018220162  
 (21) 2018220162 (22) 24.08.2018  
 (54) A Modular Visual Output Component  
 (51) Int. Cl.  
**A63F 13/26** ( 2014.01 )  
 (43) 13.09.2018  
 (62) 2016204302  
 (72) HWANG, John Shi Feng  
 (74) Griffith Hack

(71) Astellas Institute for Regenerative Medicine  
 (11) AU-A-2018220083  
 (21) 2018220083 (22) 23.08.2018  
 (54) Highly efficient methods for reprogramming differentiated cells and for generating animals and embryonic stem cells from reprogrammed cells  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
**C12N 5/0735** ( 2010.01 )  
**C12N 15/00** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2016250484  
 (72) Lanza, Robert; Chung, Young  
 (74) Watermark Intellectual Property Pty Ltd

(71) Astellas Institute for Regenerative Medicine  
 (11) AU-A-2018220130  
 (21) 2018220130 (22) 24.08.2018  
 (54) Derivation of Embryonic Stem Cells and Embryo-Derived Cells  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/0735** ( 2010.01 )

(43) 13.09.2018  
 (62) 2016250412  
 (72) Chung, Young; Lanza, Robert; Klimanskaya, Irina V.  
 (74) Spruson & Ferguson

(71) Auspex Pharmaceuticals, Inc.  
 (11) AU-A-2018222896  
 (21) 2018222896 (22) 28.08.2018  
 (54) Formulations pharmacokinetics of deuterated benzoquinoline inhibitors of vesicular monoamine transporter 2  
 (51) Int. Cl.  
**A61K 31/4375** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2013318182  
 (72) Sommer, Andreas; Carter, John; Arthur, John; Bradbury, Margaret; Gant, Thomas; Shahbaz, Manouchehr; Zhang, Chengzhi  
 (74) In-Legal Limited

(71) AVALON Industries AG  
 (11) AU-A-2018201390  
 (21) 2018201390 (22) 27.02.2018  
 (54) Process for the manufacture of thermally curable resins as well as resins obtainable by the process  
 (51) Int. Cl.  
**C08L 61/24** ( 2006.01 )  
**B27N 3/06** ( 2006.01 )  
**B32B 21/08** ( 2006.01 )  
**C08G 12/12** ( 2006.01 )  
 (31) 17158247.1 (32) 27.02.17 (33) EP  
 (43) 13.09.2018  
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 (74) Griffith Hack

(71) AVALON Industries AG  
 (11) AU-A-2018201394  
 (21) 2018201394 (22) 27.02.2018  
 (54) Method for producing thermosetting phenolic resins and phenolic resins obtainable by the method  
 (51) Int. Cl.  
**C08G 8/28** ( 2006.01 )  
**C08G 8/08** ( 2006.01 )  
 (31) 17158247.1 (32) 27.02.17 (33) EP  
 17158248.9 27.02.17 EP  
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 (43) 13.09.2018

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(71) AVALON Industries AG  
 (11) AU-A-2018201396  
 (21) 2018201396 (22) 27.02.2018

(54) Process for the manufacture of wood composite materials as well as wood composite materials obtainable by the process  
 (51) Int. Cl.  
**C08J 5/04** ( 2006.01 )  
**C08G 8/06** ( 2006.01 )  
 (31) 17158248.9 (32) 27.02.17 (33) EP  
 (43) 13.09.2018  
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(71) AVALON Industries AG  
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 (21) 2018201399 (22) 27.02.2018  
 (54) New HMF oligomers  
 (51) Int. Cl.  
**C08G 61/12** ( 2006.01 )  
**C08K 3/013** ( 2018.01 )  
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 (74) Griffith Hack

(71) Bartco Traffic Equipment Pty Ltd  
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 (21) 2018201416 (22) 27.02.2018  
 (54) Portable programmable display and display system  
 (51) Int. Cl.  
**G08G 1/07** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
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 (54) Lancet device with first-drop removal  
 (51) Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/151** ( 2006.01 )  
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 (62) 2015290049  
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2018220104  
 (21) 2018220104 (22) 23.08.2018  
 (54) Biological fluid micro-sample management device  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**A61B 5/15** ( 2006.01 )  
**A61B 5/154** ( 2006.01 )  
**B01L 3/02** ( 2006.01 )  
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 (21) 2018220086 (22) 23.08.2018  
 (54) METHOD AND APPARATUS FOR CARTRIDGE-BASED CARBONATION OF BEVERAGES  
 (51) Int. Cl.  
*B67D 1/00* ( 2006.01 )  
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*B67D 3/00* ( 2006.01 )
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Method for plant improvement  
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*A01H 5/10* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )
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 (72) Paul, Wyatt; Rouster, Jacques  
 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.  
*A61B 1/05* ( 2006.01 )  
*A61B 1/32* ( 2006.01 )  
*A61M 29/02* ( 2006.01 )
- (31) 15/444,521 (32) 28.02.17 (33) US  
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*A61B 5/04* ( 2006.01 )  
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*A61B 5/0408* ( 2006.01 )  
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*E04C 2/38* ( 2006.01 )
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*E04F 11/025* ( 2006.01 )  
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 (74) Anderson IP
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 (54) APPARATUS FOR AND METHOD OF PULLING A TENSILE MEMBER FROM A MEDICAL DEVICE  
 (51) Int. Cl.  
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 (54) METHOD AND APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE  
 (51) Int. Cl.  
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 (72) Ivanoff, Enda  
 (74) Madderns Patent & Trade Mark Attorneys
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 (54) Pet waste bag  
 (51) Int. Cl.  
*A01K 23/00* ( 2006.01 )  
*A01K 1/01* ( 2006.01 )  
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 (72) Chen, Chung-Hung  
 (74) Watermark Intellectual Property Pty Ltd
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 (54) GLASS PACKAGING ENSURING CONTAINER INTEGRITY  
 (51) Int. Cl.  
*C03C 21/00* ( 2006.01 )  
*C03B 7/08* ( 2006.01 )  
*C03B 9/31* ( 2006.01 )  
*C03B 27/00* ( 2006.01 )  
*C03B 27/04* ( 2006.01 )  
*C03B 27/06* ( 2006.01 )
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*F24D 11/00* ( 2006.01 )  
*F24D 19/08* ( 2006.01 )  
*F24F 7/00* ( 2006.01 )  
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*F24F 7/10* ( 2006.01 )  
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 (72) Coulter, Grace  
 (74) Grace Coulter

(71) Covidien LP  
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 (54) Tool assembly including axially spaced splines  
 (51) Int. Cl.  
*A61B 17/115* ( 2006.01 )  
*A61B 17/072* ( 2006.01 )  
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 (72) GUERRERA, Joseph; MOZDZIERZ, Patrick  
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*A61B 17/115* ( 2006.01 )  
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 (72) GUERRERA, Joseph; VALENTINE, David  
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(71) CSR Building Products Limited  
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 (54) Cover Assembly  
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*E04F 13/076* ( 2006.01 )

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(71) Culligan International Company  
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 (54) CONTROL VALVE ASSEMBLY FOR FLUID TREATMENT APPARATUS  
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*F16K 11/10* ( 2006.01 )  
*C02F 1/00* ( 2006.01 )  
*F16K 11/22* ( 2006.01 )  
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 (51) Int. Cl.  
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*A01F 15/08* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) DENTSPLY International Inc.  
 (11) AU-A-2018220102  
 (21) 2018220102 (22) 23.08.2018  
 (54) Self-ligating orthodontic brackets  
 (51) Int. Cl.  
*A61C 7/12* ( 2006.01 )  
*A61C 7/14* ( 2006.01 )  
*A61C 7/28* ( 2006.01 )  
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(71) Depuy Synthes Products, LLC  
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 (21) 2018220106 (22) 23.08.2018  
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 (51) Int. Cl.  
*A61B 17/22* ( 2006.01 )  
 (43) 13.09.2018  
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 (72) Follmer, Brett Allen; Asuncion, Sheila Vallesteros  
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(71) Diasa Industrial, S.A.  
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 (51) Int. Cl.  
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*B01D 15/00* ( 2006.01 )  
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 (21) 2018201423 (22) 27.02.2018  
 (54) FILTER APPARATUS FOR THE TREATMENT OF HYDROCARBON CONTAMINATED WATER  
 (51) Int. Cl.  
*C02F 1/28* ( 2006.01 )  
*B01D 17/00* ( 2006.01 )  
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 (72) Tat, Kim; Tanner, Alan; Purchas, Mark  
 (74) FPA Patent Attorneys Pty Ltd

(71) Dow AgroSciences LLC  
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 (51) Int. Cl.  
*C07D 401/04* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) E.I. Du Pont De Nemours and Company  
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 (51) Int. Cl.  
*A01N 43/76* ( 2006.01 )  
*A61K 31/42* ( 2006.01 )  
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**(21)** 2018222885 **(22)** 27.08.2018  
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**(51)** Int. Cl.  
**F16L 19/08** ( 2006.01 )  
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**(74)** Fraser Old & Sohn

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**C07D 453/02** ( 2006.01 )  
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**(21)** 2018220154

**(71)** Evolva SA  
**(11)** AU-A-2018220068  
**(21)** 2018220068 **(22)** 22.08.2018  
**(54)** Methods for improved production of rebaudioside D and rebaudioside M  
**(51)** Int. Cl.  
**A23L 2/60** ( 2006.01 )  
**A23L 27/30** ( 2016.01 )  
**C12N 9/02** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/90** ( 2006.01 )  
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**C12P 15/00** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Eyewear From Barcelona, S.L.  
**(11)** AU-A-2018222913  
**(21)** 2018222913 **(22)** 28.08.2018  
**(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 )  
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**(72)** Cabre Ozores, Alejandro  
**(74)** Ellis Terry

**(71)** FRESENIUS KABI DEUTSCHLAND GMBH  
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**(21)** 2018222887 **(22)** 27.08.2018  
**(54)** Liquid pharmaceutical composition  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
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**(54)** Particle detection system and related methods  
**(51)** Int. Cl.  
**G08B 17/107** ( 2006.01 )  
**G01N 15/02** ( 2006.01 )  
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**(72)** Knox, Ronald; Cooper, Kate  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** GARUDADRI, H.  
**(11)** AU-A-2018220152  
**(21)** 2018220152 **(22)** 24.08.2018  
**(54)** Ambulatory diagnostic device and method thereof  
**(51)** Int. Cl.  
**A61B 5/1455** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
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**(71)** General Electric Company  
**(11)** AU-A-2018222880  
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**(51)** Int. Cl.  
**B61L 3/12** ( 2006.01 )  
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**(71)** General Kinematics Corporation  
**(11)** AU-A-2018200432  
**(21)** 2018200432 **(22)** 18.01.2018  
**(54)** Spring Assembly with a Protected Attachment Site  
**(51)** Int. Cl.  
**F16F 1/12** ( 2006.01 )  
**B06B 1/10** ( 2006.01 )  
**B07B 13/11** ( 2006.01 )  
**F16F 3/04** ( 2006.01 )  
**(31)** 62/463,574 **(32)** 24.02.17 **(33)** US  
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**(54)** FLAME SIMULATING ASSEMBLY WITH FLICKER ELEMENT INCLUDING PADDLE ELEMENTS  
**(51)** Int. Cl.  
**F21S 10/04** ( 2006.01 )  
**F21S 10/06** ( 2006.01 )  
**F24C 7/00** ( 2006.01 )  
**(31)** 15/444,994 **(32)** 28.02.17 **(33)** US  
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**(71)** Hanmi Pharm. Co., Ltd  
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**(54)** IGG4 FC Fragment Comprising Modified Hinge Region  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 47/42** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
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**(74)** WRAYS PTY LTD

**(71)** Hantash, B.  
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**(51)** Int. Cl.  
**C07K 14/74** ( 2006.01 )  
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**(72)** Hantash, Basil M.  
**(74)** Peter Maxwell & Associates

**(71)** Hill-Rom Services Pte. Ltd.  
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**A61M 16/10** ( 2006.01 )  
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**A61M 16/08** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.

(71) Hypometer Technologies Pty Ltd  
 (11) AU-A-2017201362  
 (21) 2017201362 (22) 28.02.2017  
 (54) GROUP SELECTION METHOD AND APPARATUS  
 (51) Int. Cl.  
**G06F 17/30** ( 2006.01 )  
**G06Q 30/02** ( 2012.01 )  
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 (72) WOODFORD, Darryl Paul; PROWD, Kate Frances  
 (74) Davies Collison Cave Pty Ltd

(71) Indian Motorcycle International, LLC  
 (11) AU-A-2018222903  
 (21) 2018222903 (22) 28.08.2018  
 (54) Two-wheeled vehicle  
 (51) Int. Cl.  
**B60K 13/02** ( 2006.01 )  
**B62J 17/04** ( 2006.01 )  
**B62J 33/00** ( 2006.01 )  
**B62K 11/04** ( 2006.01 )  
**F02M 35/02** ( 2006.01 )  
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**F02M 35/16** ( 2006.01 )  
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 (74) Watermark Intellectual Property Pty Ltd

(71) INTERNATIONAL MAGNETIC SOLUTIONS PTY LTD  
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 (21) 2017201266 (22) 24.02.2017  
 (54) Push Release Magnet Assembly  
 (51) Int. Cl.  
**H01H 5/02** ( 2006.01 )  
**H01H 5/00** ( 2006.01 )

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 (72) Cassar, Victor E.  
 (74) INTERNATIONAL MAGNETIC SOLUTIONS PTY LTD

(71) Intervet International B.V.  
 (11) AU-A-2018220125  
 (21) 2018220125 (22) 24.08.2018  
 (54) Manufacturing of semi-plastic pharmaceutical dosage units  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
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 (62) 2013349850  
 (72) KLUGER, Dominique; HAULER, Albin; SCHMIDT, Carsten; SCHROECKENFUCHS, David; WALDRON, Niki  
 (74) Spruson & Ferguson

(71) ITINTEANG, T.; TAN, S.; DAVIS, P.  
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 (54) TREATMENT OF VASCULAR ANOMALIES  
 (51) Int. Cl.  
**A61P 7/00** ( 2006.01 )  
**A61K 31/592** ( 2006.01 )  
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**A61K 38/55** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
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 (72) TAN, Swee Thong; DAVIS, Paul Frank; ITINTEANG, Tinte  
 (74) Catalyst Intellectual Property

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 (51) Int. Cl.  
**B01J 19/24** ( 2006.01 )  
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 (72) Blanchard, Kenneth L.; Mann, David P.  
 (74) Shelston IP Pty Ltd.

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 (54) Systems and methods for detecting blink inhibition as a marker of engagement and perceived stimulus salience  
 (51) Int. Cl.  
**A61B 5/16** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2013359304  
 (72) Klin, Ami; Jones, Warren; Schultz, Sarah  
 (74) Davies Collison Cave Pty Ltd

(71) KONE CORPORATION  
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 (54) A METHOD, A NETWORK NODE AND A SYSTEM FOR TRIGGERING A TRANSMISSION OF SENSOR DATA FROM A WIRELESS DEVICE  
 (51) Int. Cl.  
**G08C 17/02** ( 2006.01 )  
**H04W 84/18** ( 2009.01 )  
 (31) 17158338.8 (32) 28.02.17 (33) EP  
 (43) 13.09.2018  
 (72) Parviainen, Olli; Kinnari, Jouko  
 (74) Collison & Co

(71) KONE CORPORATION  
 (11) AU-A-2018201372  
 (21) 2018201372 (22) 26.02.2018  
 (54) A DEVICE, SYSTEM, AND METHOD FOR GENERATING INFORMATION REPRESENTING A CONDITION OF AN AUTOMATIC DOOR  
 (51) Int. Cl.  
**G08C 25/04** ( 2006.01 )  
**B66B 13/14** ( 2006.01 )  
**H04W 84/18** ( 2009.01 )  
 (31) 17158372.7 (32) 28.02.17 (33) EP  
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 (72) Kinnari, Jouko; Parviainen, Olli; Laakso, Matti  
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(71) Landmark Graphics Corporation  
 (11) AU-A-2018220157  
 (21) 2018220157 (22) 24.08.2018  
 (54) Systems and methods for reordering sequential actions  
 (51) Int. Cl.  
**G06E 1/00** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2017200434  
 (72) GEHIN, Maurice Christopher  
 (74) FB Rice Pty Ltd

Latin, M. see LTL Associates Pty Limited  
 (21) 2017279629

Latin, M. see LTL Associates Pty Limited  
 (21) 2017279630

(71) LG Electronics Inc.  
 (11) AU-A-2017204361  
 (21) 2017204361 (22) 27.06.2017  
 (54) Laundry treatment apparatus and method of controlling the same  
 (51) Int. Cl.  
**D06F 39/04** ( 2006.01 )  
**D06F 33/02** ( 2006.01 )  
 (31) 10-2017-0025737 (32) 27.02.17 (33) KR  
 (43) 13.09.2018  
 (72) Jung, Jonegseok; Kim, Hyunsang  
 (74) Davies Collison Cave Pty Ltd

(71) Lightwave Logic, Inc  
 (11) AU-A-2018220105  
 (21) 2018220105 (22) 23.08.2018

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- (51) Int. Cl.  
**G02F 1/361** ( 2006.01 )
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- (62) 2016222470
- (72) Goetz, Frederick J.; Ashton, Andrew; Goetz, Frederick J.; Eaton, David F.; Arduengo, Anthony J.; Simmons, Howard E.; Runyon, Jason W.
- (74) Watermark Intellectual Property Pty Ltd
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- (71) Longi Magnet Co., Ltd
- (11) AU-A-2017279840
- (21) 2017279840 (22) 13.03.2017
- (54) Vertical ring wet high intensity magnetic separator with pulsation and forced oil cooled
- (51) Int. Cl.  
**B03C 1/00** ( 2006.01 )
- (31) 201710104569.6 (32) 24.02.17 (33) CN
- (43) 13.09.2018
- (72) Zhang, Chengchen; Tang, Qi; Yang, Chengwei; Feng, Ji; Bai, Zhichao; Liu, Zhenkai; Ma, Yue; Li, Bin; Yang, Jiao; Wu, Qiong; Deng, Xuejiao
- (74) Shelston IP Pty Ltd.
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- (71) Longi Magnet Co., Ltd.
- (11) AU-A-2018217255
- (21) 2018217255 (22) 11.01.2018
- (54) Wet high gradient strong magnetic separator
- (51) Int. Cl.  
**B03C 1/025** ( 2006.01 )
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- (43) 13.09.2018
- (72) Zhang, Chengchen; Tang, Qi; Yang, Chengwei; Feng, Ji; Yang, Jiao; Wu, Qiong; Deng, Xuejiao; Li, Bin
- (74) Shelston IP Pty Ltd.
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- (71) LTL Associates Pty Limited; Latin, M.
- (11) AU-A-2017279629
- (21) 2017279629 (22) 19.12.2017
- (54) RnPad keypad can be used where access must be controlled. This keypad does not suffer from the lack of security associated with traditional keypads. Onlooker can easily discover the PIN of a conventional keypad by observing which keys are pressed. With the RnPad, using scrambling technology, it can remove the visualization of depressing numbers in a common pattern, further its mechanics are based on touchpad technology & piezo glass limiting visual side access to the touch-screen number display.
- (51) Int. Cl.  
**G06F 3/01** ( 2006.01 )
- (31) 2017900649 (32) 27.02.17 (33) AU
- (43) 13.09.2018
- (72) Latin, Maurice; Toma, Sorin; Leonas, Vladas
- (74) Maurice Latin
- 
- (71) LTL Associates Pty Limited; Latin, M.
- (11) AU-A-2017279630
- (21) 2017279630 (22) 20.12.2017
- (54) When it comes to low clearance bridges, tunnels and overpasses, we are constantly amazed at how some experienced drivers of higher than normal vehicles ignore provided signage or are unaware of the height of the vehicle they are driving. As amazing as it seems the incident of vehicle / infrastructure collision is all too common resulting in damage to infrastructure, inconvenience to road users and in some cases personal injury to themselves and others.
- (51) Int. Cl.  
**G08G 1/0967** ( 2006.01 )  
**G08G 1/0968** ( 2006.01 )  
**G08G 1/16** ( 2006.01 )
- (31) 2017900652 (32) 27.02.17 (33) AU
- (43) 13.09.2018
- (72) Latin, Maurice; Leonas, Vladas; Toma, Sorin
- (74) Maurice Latin
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- (71) Mac Ute Accessories Limited
- (11) AU-A-2018201365
- (21) 2018201365 (22) 26.02.2018
- (54) AN IMPROVED TRAY FOR A UTILITY VEHICLE
- (51) Int. Cl.  
**B60R 9/06** ( 2006.01 )
- (31) 729610 (32) 28.02.17 (33) NZ
- (43) 13.09.2018
- (72) Underwood, Luke
- (74) Origin Patent and Trade Mark Attorneys
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- (71) Maxtrax Australia Pty Ltd
- (11) AU-A-2018201290
- (21) 2018201290 (22) 22.02.2018
- (54) An automotive recovery coupler
- (51) Int. Cl.  
**B60D 1/02** ( 2006.01 )
- (31) 2017900663 (32) 27.02.17 (33) AU
- (43) 13.09.2018
- (72) McCarthy, Bradley John
- (74) Spruson & Ferguson
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- (71) Mechanical System Dynamics Pty Ltd
- (11) AU-A-2018201357
- (21) 2018201357 (22) 26.02.2018
- (54) Compact Multi-articulated Goods-carrying Road Vehicle
- (51) Int. Cl.  
**B62D 65/18** ( 2006.01 )
- (31) 2017900670 (32) 27.02.17 (33) AU
- (43) 13.09.2018
- (72) Prem, Hans; Mai, Kinh-Luan Viet
- (74) Morcom Pernat
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- (71) MedicalTree Patent Ltd
- (11) AU-A-2018220138
- (21) 2018220138 (22) 24.08.2018
- (54) Surgical Assisting Device
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- (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )
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- (62) 2014205723
- (72) Forsell, Peter
- (74) WRAYS PTY LTD
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- (71) Michael Comfort Pty Ltd
- (11) AU-A-2018220118
- (21) 2018220118 (22) 23.08.2018
- (54) PEST CONTROL ASSEMBLY AND METHOD
- (51) Int. Cl.  
**A01M 29/06** ( 2011.01 )  
**B64C 39/02** ( 2006.01 )
- (43) 13.09.2018
- (62) PCT/AU2016/000295
- (72) Comfort, Michael Tony
- (74) protectmyidea.com.au
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- (71) Minerva Biotechnologies Corporation
- (11) AU-A-2018220126
- (21) 2018220126 (22) 24.08.2018
- (54) Stem cell enhancing therapeutics
- (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )
- (43) 13.09.2018
- (62) 2013302620
- (72) Bamdad, Cynthia
- (74) FPA Patent Attorneys Pty Ltd
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- (71) Naboso Technology, LLC
- (11) AU-A-2018201318
- (21) 2018201318 (22) 23.02.2018
- (54) Proprioceptor stimulation material
- (51) Int. Cl.  
**A63B 6/00** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
**A63B 23/035** ( 2006.01 )  
**A63B 26/00** ( 2006.01 )
- (31) 15/441,553 (32) 24.02.17 (33) US
- (43) 13.09.2018
- (72) Splichal, Emily; Delgado, Mauricio
- (74) FPA Patent Attorneys Pty Ltd
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- (71) National Yang-Ming University
- (11) AU-A-2018222881
- (21) 2018222881 (22) 27.08.2018
- (54) Method for treating drug resistant cancer
- (51) Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )
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- (62) 2015271561
- (72) HUANG, Chi-Ying; CHANG, Peter Mu-Hsin; CHEN, Kuan-Yu; WU, Chun-Hung; CHENG, Tai-Shan; YU, Cheng-Hao
- (74) Griffith Hack

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(71) NeuSpera Medical Inc.  
 (11) AU-A-2018220109  
 (21) 2018220109 (22) 23.08.2018  
 (54) Midfield coupler  
 (51) Int. Cl.  
**A61B 18/14** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2015264517  
 (72) Yeh, Alexander Jueshyan; Morris,  
 Milton M.  
 (74) FB Rice Pty Ltd

(71) NIPPON TELEGRAPH AND TELE-  
 PHONE CORPORATION  
 (11) AU-A-2018220129  
 (21) 2018220129 (22) 24.08.2018  
 (54) Spatial image display device  
 (51) Int. Cl.  
**G02B 27/22** ( 2006.01 )  
**H04N 13/30** ( 2018.01 )  
 (43) 13.09.2018  
 (62) 2016315065  
 (72) MAKIGUCHI, Motohiro; NIIJIMA,  
 Arinobu; MATSUMURA, Narimune;  
 HIDAKA, Kota  
 (74) Griffith Hack

(71) NovImmune S.A.  
 (11) AU-A-2018220150  
 (21) 2018220150 (22) 24.08.2018  
 (54) Anti-CD47 Antibodies and Methods of  
 Use Thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2013353763  
 (72) Masternak, Krzysztof; Fischer, Nicolas;  
 Rousseau, Francois; Dheilly, Elie; Ko-  
 sco-Vilbois, Marie  
 (74) Spruson & Ferguson

(71) Novoluto GmbH  
 (11) AU-A-2018222907  
 (21) 2018222907 (22) 28.08.2018  
 (54) PIN-SHAPED STIMULATION DEVICE  
 (51) Int. Cl.  
**A61H 19/00** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2017228536  
 (72) Lenke, Michael  
 (74) Spruson & Ferguson

(71) Oisín Biotechnologies  
 (11) AU-A-2018220160  
 (21) 2018220160 (22) 24.08.2018  
 (54) SYSTEMS AND METHODS FOR THE  
 TARGETED PRODUCTION OF A  
 THERAPEUTIC PROTEIN WITHIN A  
 TARGET CELL  
 (51) Int. Cl.  
**C12P 21/06** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )

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 (72) Scholz, Matthew R.  
 (74) Phillips Ormonde Fitzpatrick

(71) ONESTEEL WIRE PTY LIMITED  
 (11) AU-A-2018222884  
 (21) 2018222884 (22) 27.08.2018  
 (54) POST ATTACHMENT  
 (51) Int. Cl.  
**E04H 12/22** ( 2006.01 )  
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 (62) 2016203439  
 (72) O'Toole, Lawrence  
 (74) Griffith Hack

(71) Orreco Ltd.  
 (11) AU-A-2017201400  
 (21) 2017201400 (22) 28.02.2017  
 (54) SYSTEMS AND METHODS TO  
 TRACK AND MANAGE INDIVIDUAL-  
 IZED REDOX HOMEOSTASIS  
 (51) Int. Cl.  
**G01N 33/52** ( 2006.01 )  
 (43) 13.09.2018  
 (72) Lewis, Nathan; Newell, John; Pedlar,  
 Charles R.; Moore, Brian  
 (74) Griffith Hack

(71) P.G. & A.M. Campbell Pty. Limited  
 (11) AU-A-20182200364  
 (21) 20182200364 (22) 16.01.2018  
 (54) Fertilizer  
 (51) Int. Cl.  
**C05F 11/02** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
**C05C 3/00** ( 2006.01 )  
**C05D 3/00** ( 2006.01 )  
 (31) 2017900662 (32) 27.02.17 (33) AU  
 (43) 13.09.2018  
 (72) Campbell, Peter Glen  
 (74) Spruson & Ferguson

(71) Paynet Payments Network, LLC  
 (11) AU-A-2018220030  
 (21) 2018220030 (22) 22.08.2018  
 (54) SYSTEMS AND METHODS FOR  
 REAL-TIME ACCOUNT ACCESS  
 (51) Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
 (43) 13.09.2018  
 (62) 2013235387  
 (72) Marcous, Neil; Woodbury, Robert; Gor-  
 don, Peter  
 (74) Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Pfizer Inc.; Epic Sciences, Inc.  
 (11) AU-A-2018220154  
 (21) 2018220154 (22) 24.08.2018  
 (54) Methods for detecting 5T4-positive cir-  
 culating tumor cells and methods of  
 diagnosis of 5T4-positive cancer in a  
 mammalian subject  
 (51) Int. Cl.  
**G01N 33/50** ( 2006.01 )

**G01N 33/574** ( 2006.01 )  
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 (62) 2013213301  
 (72) Gerber, Hans-Peter; Marrinucci, Dena;  
 Pirie-Shepherd, Steven; Tucker, Eric  
 (74) Shelston IP Pty Ltd.

(71) Pixobot, Inc.  
 (11) AU-A-2018220079  
 (21) 2018220079 (22) 23.08.2018  
 (54) METHOD AND SYSTEM FOR TRACK-  
 ING HEALTH IN ANIMAL POPULA-  
 TIONS  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A01K 29/00** ( 2006.01 )  
 (31) 62/549,358 (32) 23.08.17 (33) US  
 16/108,000 21.08.18 US  
 (43) 13.09.2018  
 (62) 2016266101  
 (72) Singh, Vishal; Schupbach, Brian; Uden,  
 Andrew; Mathankeri, Aaron; Sonty,  
 Adam; Heine, Alex; Franco, Colton;  
 Hoffmeyer, Paul; Armstrong, Jacob;  
 Leacock, Matt; Kelle, Spencer; Howell,  
 Perry  
 (74) Argon IP Pty Ltd

(71) Poviva Tea, LLC  
 (11) AU-A-2018220067  
 (21) 2018220067 (22) 22.08.2018  
 (54) FOOD AND BEVERAGE COMPOSI-  
 TIONS INFUSED WITH LIPOPHILIC  
 ACTIVE AGENTS AND METHODS OF  
 USE THEREOF  
 (51) Int. Cl.  
**A23L 33/15** ( 2016.01 )  
**A61K 35/06** ( 2006.01 )  
**A61K 35/60** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2018202584  
 (72) Washington, Marian E.; Reillo, Michelle  
 (74) Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Precision Biologics, Inc.  
 (11) AU-A-2018220085  
 (21) 2018220085 (22) 23.08.2018  
 (54) Humanized monoclonal antibodies and  
 methods of use for the diagnosis and  
 treatment of colon and pancreas cancer  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2013370171  
 (72) Wang, Xue-Ping; Arlen, Philip M.  
 (74) Watermark Intellectual Property Pty Ltd

(71) Precision Planting LLC  
 (11) AU-A-2018220153  
 (21) 2018220153 (22) 24.08.2018  
 (54) Seed delivery apparatus, systems, and  
 methods  
 (51) Int. Cl.  
**A01C 7/12** ( 2006.01 )

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 (72) RADTKE, Ian  
 (74) Spruson & Ferguson

(71) Protagonist Therapeutics, Inc.  
 (11) AU-A-2018220168  
 (21) 2018220168 (22) 27.08.2018  
 (54) Novel alpha4beta7 peptide dimer antagonists  
 (51) Int. Cl.  
 C07K 7/08 ( 2006.01 )  
 A61K 38/10 ( 2006.01 )

(43) 13.09.2018  
 (62) 2014248321  
 (72) Bhandari, Ashok; Patel, Dinesh V.; Mattheakis, Larry C.  
 (74) Davies Collison Cave Pty Ltd

(71) REBIOTIX, INC.  
 (11) AU-A-2018220114  
 (21) 2018220114 (22) 23.08.2018  
 (54) Microbiota restoration therapy (MRT), compositions and methods of manufacture

(51) Int. Cl.  
 A61K 35/38 ( 2006.01 )  
 A61K 35/74 ( 2006.01 )  
 A61P 1/00 ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2017201330  
 (72) GORDON, Ryan D.; JONES, Lee A.; JONES, Courtney R.; HLAVKA, Edwin J.  
 (74) Griffith Hack

Schultz, S. see Klin, A.  
 (21) 2018222906

Seattle Genetics, Inc. see Agensys, Inc.  
 (21) 2018220120

(71) SMART VENT PRODUCTS, INC.  
 (11) AU-A-2018220090  
 (21) 2018220090 (22) 23.08.2018  
 (54) FLOOD VENT HAVING A PANEL  
 (51) Int. Cl.  
 E04H 9/00 ( 2006.01 )  
 E04B 1/70 ( 2006.01 )  
 E04F 17/00 ( 2006.01 )

(43) 13.09.2018  
 (62) 2016269553  
 (72) ANDERSON Jr., Winfield Scott; LITTLE, Tom; GRAHAM, Michael J.  
 (74) Collison & Co

(71) Sony Corporation  
 (11) AU-A-2018222910  
 (21) 2018222910 (22) 28.08.2018  
 (54) Inspection vehicle control device, control method, and computer program  
 (51) Int. Cl.  
 A63H 30/04 ( 2006.01 )  
 G01C 21/20 ( 2006.01 )  
 G05D 1/00 ( 2006.01 )

G06T 3/40 ( 2006.01 )  
 G08G 5/00 ( 2006.01 )  
 H04N 5/232 ( 2006.01 )  
 (43) 13.09.2018  
 (62) 2015331965  
 (72) SABE, Kohtarō; DUERR, Peter  
 (74) Griffith Hack

(71) Spinalcyte, LLC  
 (11) AU-A-2018220112  
 (21) 2018220112 (22) 23.08.2018  
 (54) Methods and Compositions for Repair of Cartilage Using an In Vivo Bioreactor  
 (51) Int. Cl.  
 A61F 2/30 ( 2006.01 )  
 A61F 2/44 ( 2006.01 )  
 A61K 38/18 ( 2006.01 )  
 A61L 27/38 ( 2006.01 )  
 C12N 5/00 ( 2006.01 )  
 C12N 5/077 ( 2010.01 )

(43) 13.09.2018  
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 H02G 3/00 ( 2006.01 )  
 F16L 3/22 ( 2006.01 )  
 H02G 7/00 ( 2006.01 )  
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 C07D 403/06 ( 2006.01 )  
 A61K 31/506 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 (54) Aircraft landing gear, aircraft, and related methods  
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 B64C 25/40 ( 2006.01 )  
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 (21) 2018200471 (22) 19.01.2018  
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*F16D 23/02* ( 2006.01 )  
*F16D 11/00* ( 2006.01 )  
*F16D 23/04* ( 2006.01 )  
*F16D 23/06* ( 2006.01 )  
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(31) 2017-034222 (32) 26.02.17 (33) JP  
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(72) Yoshida, Michio; Nakada, Hirofumi; Saito, Kazunori  
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(11) AU-A-2018220095  
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(74) Watermark Intellectual Property Pty Ltd

(71) Tru-Line Suspensions Pty Ltd  
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(21) 2017201334 (22) 27.02.2017  
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(21) 2018220143 (22) 24.08.2018  
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(51) Int. Cl.  
*A61D 1/02* ( 2006.01 )  
*C08G 73/02* ( 2006.01 )  
*C08L 79/02* ( 2006.01 )  
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(71) Vactronix Scientific, Inc.  
(11) AU-A-2018220082  
(21) 2018220082 (22) 23.08.2018

(54) TOPOGRAPHICAL FEATURES AND PATTERNS ON A SURFACE OF A MEDICAL DEVICE AND METHODS OF MAKING THE SAME  
(51) Int. Cl.  
*A61F 2/04* ( 2013.01 )  
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*C07D 401/14* ( 2006.01 )  
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(71) Warsaw Orthopedic, Inc.  
(11) AU-A-2018200583  
(21) 2018200583 (22) 24.01.2018  
(54) Expanding interbody implant and articulating inserter and methods of use  
(51) Int. Cl.  
*A61F 2/44* ( 2006.01 )  
(31) 15/442,101 (32) 24.02.17 (33) US  
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(74) FB Rice Pty Ltd

(71) Windward Pharma, Inc.  
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(21) 2018222878 (22) 27.08.2018  
(54) Aerosol tyrosine kinase inhibitor compounds and uses thereof  
(51) Int. Cl.  
*A61K 31/506* ( 2006.01 )  
*A01N 43/04* ( 2006.01 )  
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(62) 2014296032  
(72) Surber, Mark William  
(74) FB Rice Pty Ltd

(71) Yeda Research and Development Co. Ltd.  
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(21) 2018220155 (22) 24.08.2018

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(54) Reducing systemic regulatory T cell levels or activity for treatment of disease and injury of the CNS

(51) Int. Cl.  
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**A61P 25/14** ( 2006.01 )  
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(71) Zoetis Services LLC

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(21) 2018220151 (22) 24.08.2018

(54) Apparatus for selectively processing eggs, and associated method

(51) Int. Cl.  
**A01K 43/00** ( 2006.01 )  
**A01K 45/00** ( 2006.01 )  
**A23L 15/00** ( 2016.01 )

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<b><u>A61B 17 /-</u></b> 2018200839 2018200841 2018220106 2018220138 2018220167	<b><u>A61K 9 /-</u></b> 2018220125 2018222887 2018222896	<b><u>B01L 3 /-</u></b> 2018220104	<b><u>B64C 39 /-</u></b> 2018220118	<b><u>C07D 453 /-</u></b> 2018220108	<b><u>D06F 39 /-</u></b> 2017204361
	<b><u>A61L 27 /-</u></b> 2018220112	<b><u>B03B 5 /-</u></b> 2018201257	<b><u>B64D 45 /-</u></b> 2017258947	<b><u>C07K 14 /-</u></b> 2018220087	<b><u>E04B 1 /-</u></b> 2018220090

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<u><b>E04B 2 /-</b></u> 2017201287	<u><b>F24F 7 /-</b></u> 2018219966	<u><b>G08C 25 /-</b></u> 2018201372
<u><b>E04C 2 /-</b></u> 2017201287	<u><b>G01C 21 /-</b></u> 2018222910	<u><b>G08G 1 /-</b></u> 2017279630 2018201416
<u><b>E04F 11 /-</b></u> 2017201385	<u><b>G01G 19 /-</b></u> 2017258947	<u><b>G08G 5 /-</b></u> 2018222910
<u><b>E04F 13 /-</b></u> 2018220091	<u><b>G01N 15 /-</b></u> 2018220149	<u><b>H01H 5 /-</b></u> 2017201266
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<u><b>E04H 9 /-</b></u> 2018220090	<u><b>G02B 27 /-</b></u> 2018220129	<u><b>H04M 1 /-</b></u> 2018220152
<u><b>E05B 15 /-</b></u> 2018220116	<u><b>G02C 5 /-</b></u> 2018222913	<u><b>H04N 13 /-</b></u> 2018220129
<u><b>E05B 17 /-</b></u> 2018220116	<u><b>G02F 1 /-</b></u> 2018220105	<u><b>H04N 5 /-</b></u> 2018222910
<u><b>E06C 1 /-</b></u> 2017201385	<u><b>G05D 1 /-</b></u> 2018222910	<u><b>H04W 84 /-</b></u> 2018201368 2018201372
<u><b>E21B 33 /-</b></u> 2018220095	<u><b>G06E 1 /-</b></u> 2018220157	<u><b>No IPC Mark</b></u>
<u><b>F02M 35 /-</b></u> 2018222903	<u><b>G06F 17 /-</b></u> 2017201362 2018200874	
<u><b>F16D 11 /-</b></u> 2018201386	<u><b>G06F 3 /-</b></u> 2017279629 2018222890 2018222899	
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<u><b>F16L 19 /-</b></u> 2018222885	<u><b>G06Q 20 /-</b></u> 2018220030	
<u><b>F16L 3 /-</b></u> 2018201395	<u><b>G06Q 30 /-</b></u> 2017201362	
<u><b>F21S 10 /-</b></u> 2018201220	<u><b>G06Q 40 /-</b></u> 2018220100 2018220101 2018220156	
<u><b>F24C 7 /-</b></u> 2018201220	<u><b>G06T 3 /-</b></u> 2018222910	
<u><b>F24D 11 /-</b></u> 2018219966	<u><b>G08B 17 /-</b></u> 2018220149	
<u><b>F24D 19 /-</b></u> 2018219966	<u><b>G08C 17 /-</b></u> 2018201368	
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. (\*) Title not in Roman characters

. (\*\*) Title not given

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

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*E05B 15/02* ( 2006.01 )  
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*G06F 3/0481* ( 2013.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) An Electrical Isolator  
 (51) Int. Cl.  
*H01H 31/28* ( 2006.01 )  
*H01H 1/10* ( 2006.01 )  
*H01H 9/16* ( 2006.01 )  
*H01H 9/52* ( 2006.01 )  
 (31) 2017902845 (32) 20.07.17 (33) AU  
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 (72) George, Thomas; Cooling, Alan  
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*E02D 29/02* ( 2006.01 )  
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*A63B 69/36* ( 2006.01 )  
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 (54) AUGMENTED REALITY(AR) BASED INDOOR NAVIGATION APPLICATION  
 (51) Int. Cl.  
*G01C 21/20* ( 2006.01 )  
*G01C 21/36* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )  
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 (72) Chen, Peng; Chen, Tao; Chen, Yunan  
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 (51) Int. Cl.  
*C07C 51/305* ( 2006.01 )  
*C07C 33/20* ( 2006.01 )  
*C07C 57/30* ( 2006.01 )  
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 (72) Yan, Yida  
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 (11) AU-A-2018101134  
 (21) 2018101134 (22) 12.08.2018  
 (54) 1,2-naphthoquinone drug intermediates synthesis method  
 (51) Int. Cl.  
*C07C 46/02* ( 2006.01 )  
*C07B 41/00* ( 2006.01 )  
*C07C 50/12* ( 2006.01 )  
 (31) 2017108366645 (32) 17.09.17 (33) CN  
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 (51) Int. Cl.  
*C07C 51/373* ( 2006.01 )  
*C07C 46/02* ( 2006.01 )  
*C07C 66/00* ( 2006.01 )  
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*C07B 41/06* ( 2006.01 )  
*C07C 55/02* ( 2006.01 )  
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*C07C 221/00* ( 2006.01 )  
*C07B 43/04* ( 2006.01 )  
*C07C 205/19* ( 2006.01 )  
*C07C 223/06* ( 2006.01 )  
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 (54) 2-nitro-4-aminobenzaldehyde drug intermediates synthesis method  
 (51) Int. Cl.  
*C07C 221/00* ( 2006.01 )  
*C07B 43/04* ( 2006.01 )  
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(54) P-methoxyphenylacetic acid drug intermediates synthesis method  
(51) Int. Cl.  
C07C 51/16 ( 2006.01 )  
C07B 41/08 ( 2006.01 )  
C07C 47/575 ( 2006.01 )  
C07C 57/30 ( 2006.01 )  
(31) 2017108367385 (32) 17.09.17 (33) CN  
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(11) AU-A-2018101140  
(21) 2018101140 (22) 12.08.2018  
(54) 9 (11) -estosterone-16 $\alpha$ , 17 $\alpha$ -epoxy-3 $\beta$ -ol-20-one drug intermediates synthesis method  
(51) Int. Cl.  
C07D 301/02 ( 2006.01 )  
C07B 41/04 ( 2006.01 )  
C07C 47/47 ( 2006.01 )  
C07D 303/32 ( 2006.01 )  
(31) 2017108370176 (32) 17.09.17 (33) CN  
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(21) 2018101141 (22) 12.08.2018  
(54) 5-pregnen-16 $\alpha$ , 17 $\alpha$ -epoxy-3 $\beta$ -alcohol-20-one drug intermediates synthesis method  
(51) Int. Cl.  
C07D 301/26 ( 2006.01 )  
C07B 41/04 ( 2006.01 )  
C07C 47/47 ( 2006.01 )  
C07D 303/32 ( 2006.01 )  
(31) 2017108366791 (32) 17.09.17 (33) CN  
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(54) 5-pregnen-16 $\beta$ -methyl-16 $\alpha$ , 17 $\beta$ -epoxy-3 $\beta$ -alcohol-20-ketone drug intermediates synthesis method  
(51) Int. Cl.  
C07J 71/00 ( 2006.01 )  
C07J 75/00 ( 2006.01 )  
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(54) 2,3-dihydroxy-succinic acid drug intermediates synthesis method  
(51) Int. Cl.  
C07C 51/04 ( 2006.01 )  
C07C 51/367 ( 2006.01 )  
C07C 59/245 ( 2006.01 )  
C07C 59/255 ( 2006.01 )  
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C07C 233/65 ( 2006.01 )  
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C07C 407/00 ( 2006.01 )  
C07C 409/34 ( 2006.01 )  
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(51) Int. Cl.  
C07C 407/00 ( 2006.01 )  
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C07C 409/30 ( 2006.01 )  
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 (54) Nicotinamide-N-oxide drug intermediates synthesis method  
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**C07D 213/89** ( 2006.01 )  
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**B01J 19/00** ( 2006.01 )  
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 (74) Michael Buck IP

(71) DEKS Industries Pty Ltd  
 (11) AU-A-2018101157  
 (21) 2018101157 (22) 14.08.2018  
 (54) TAP LUBRICANT PACKAGE  
 (51) Int. Cl.  
**B65D 25/38** ( 2006.01 )  
**B65D 25/30** ( 2006.01 )  
 (45) 13.09.2018  
 (72) CARLOS, Benjamin; DEVALLA, Asrit  
 (74) K&L Gates

(71) Derrick, L.  
 (11) AU-A-2018101156  
 (21) 2018101156 (22) 14.08.2018  
 (54) WEATHER PROTECTION DEVICE  
 (51) Int. Cl.  
**E01F 9/608** ( 2016.01 )  
**A45B 23/00** ( 2006.01 )  
**G08B 5/00** ( 2006.01 )  
 (45) 13.09.2018  
 (72) Derrick, Leonard Henry  
 (74) Lord & Company

(71) Direct Adventures Pty Ltd  
 (11) AU-A-2018101152

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(21) 2018101152 (22) 13.08.2018  
 (54) An apparatus for cooking  
 (51) Int. Cl.  
*A47J 37/07* ( 2006.01 )  
*A47J 33/00* ( 2006.01 )  
 (31) 2017903540 (32) 01.09.17 (33) AU  
 (45) 13.09.2018  
 (72) Florea, Mihai; Cociuba, Noel  
 (74) WADESON

(71) Dudziak, R.  
 (11) AU-A-2018101112  
 (21) 2018101112 (22) 11.08.2018  
 (54) Passive Thermal Control System for Nano Satellite Applications  
 (51) Int. Cl.  
*H01H 37/32* ( 2006.01 )  
*B64G 1/10* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Dudziak, Roger Paul  
 (74) Roger Paul Dudziak

Fahey, D. see Fahey, D.  
 (21) 2018101132

(71) Fahey, D.; Fahey, D.  
 (11) AU-A-2018101132  
 (21) 2018101132 (22) 12.08.2018  
 (54) Wine Pods - a vessel made of either glass, plastic, foil, aluminium, steel, cardboard, composite fibre or paper containing between 5-100 ml of alcoholic beverage of any type and sealed with either a foil, plastic, aluminium, cardboard, composite fibre or paper lid.  
 (51) Int. Cl.  
*B65D 77/20* ( 2006.01 )  
*A47G 19/22* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Fahey, Darren  
 (74) Darren Fahey

(71) Freightquip Pty Ltd  
 (11) AU-A-2018101168  
 (21) 2018101168 (22) 15.08.2018  
 (54) Freight container  
 (51) Int. Cl.  
*B65D 88/12* ( 2006.01 )  
*B65D 90/54* ( 2006.01 )  
*B65D 90/62* ( 2006.01 )  
 (31) 2017903267 (32) 15.08.17 (33) AU  
 (45) 13.09.2018  
 (72) Steel, John  
 (74) FB Rice Pty Ltd

(71) GIANNI INDUSTRIES INC.  
 (11) AU-A-2018101170  
 (21) 2018101170 (22) 15.08.2018  
 (54) LOCKING DEVICE  
 (51) Int. Cl.  
*E05B 47/00* ( 2006.01 )  
*E05B 9/08* ( 2006.01 )  
*E05B 63/24* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Chang, Chih Chung  
 (74) Alfred Lei

(71) GT SYSTEMS PTY LTD  
 (11) AU-A-2018101078  
 (21) 2018101078 (22) 03.08.2018  
 (54) Media Distribution & Management System & Apparatus  
 (51) Int. Cl.  
*G06F 15/00* ( 2006.01 )  
*G06Q 50/00* ( 2006.01 )  
*H04N 19/00* ( 2014.01 )  
 (45) 13.09.2018  
 (62) 2015342719  
 (72) SAMPSON, Keith Rhett  
 (74) Wallington-Dummer

(71) H.M Wishart & J.E Wishart  
 (11) AU-A-2018101149  
 (21) 2018101149 (22) 13.08.2018  
 (54) An Improved Bucket  
 (51) Int. Cl.  
*E02F 3/407* ( 2006.01 )  
*E02F 3/40* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Wishart, Howard  
 (74) Raven IP

(71) Hanergy New Material Technology Co., Ltd  
 (11) AU-A-2018101195  
 (21) 2018101195 (22) 17.08.2018  
 (54) SOLAR CELL AND MANUFACTURING METHOD THEREFOR  
 (51) Int. Cl.  
*H01L 31/02* ( 2006.01 )  
 (31) 201820893330.1 (32) 08.06.18 (33) CN  
 (45) 13.09.2018  
 (72) Zhang, Pengju; Li, Shengchun; Tan, Xiaotian; Yu, Zhijian; Su, Zhiqian; Zhang, Yu  
 (74) Madderns Patent & Trade Mark Attorneys

(71) HICKIES, Inc.  
 (11) AU-A-2018101169  
 (21) 2018101169 (22) 15.08.2018  
 (54) Fastening device  
 (51) Int. Cl.  
*A43C 19/00* ( 2006.01 )  
*A41F 1/00* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Frydlewski, Gaston; Waingarten, Maria Raquel; Le Gette, Brian; Reeb, David; Tipp, Alan  
 (74) FB Rice Pty Ltd

(71) Invention Holdings Pty Ltd  
 (11) AU-A-2018101162  
 (21) 2018101162 (22) 14.08.2018  
 (54) Tile Laying Accessory  
 (51) Int. Cl.  
*E04F 21/20* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Castellanos, Peter  
 (74) Eagar & Associates Pty Ltd

(71) KYNOCH MINERALS PTY LTD  
 (11) AU-A-2018101150  
 (21) 2018101150 (22) 13.08.2018  
 (54) This patent application is a description of an extraction process which maximises resource utilisation by extracting valuable molybdenum oxides from overburden developed by oxidation processes above a metal deposit. The product of this process is then utilised as components of molybdenum trioxide - based fertiliser.  
 (51) Int. Cl.  
*C05D 9/02* ( 2006.01 )  
 (45) 13.09.2018  
 (72) PAYNTER, GREGORY THOMAS; ED-SER, GARRY ALEXANDER; STARR, KRISTINE JANE  
 (74) KYNOCH MINERALS PTY LTD

(71) Litvinov, K.  
 (11) AU-A-2018101167  
 (21) 2018101167 (22) 15.08.2018  
 (54) AN APPLICATOR NOZZLE FOR AN ADHESIVE DISPENSER  
 (51) Int. Cl.  
*B05C 5/00* ( 2006.01 )  
*B05B 1/00* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Litvinov, Konstantin  
 (74) Collison & Co

(71) Liu, Y.  
 (11) AU-A-2018101131  
 (21) 2018101131 (22) 11.08.2018  
 (54) A Real-time Accurate Stock Price Prediction System Based on KNN Algorithm  
 (51) Int. Cl.  
*G06Q 40/06* ( 2012.01 )  
*G06F 17/18* ( 2006.01 )  
 (45) 13.09.2018  
 (72) Liu, Yitao  
 (74) Zhenhua Zhang

(71) Loyyal Corporation  
 (11) AU-A-2018101194  
 (21) 2018101194 (22) 16.08.2018  
 (54) DISTRIBUTED LEDGER PROTOCOL TO INCENTIVIZE TRANSACTIONAL AND NON-TRANSACTIONAL COMMERCE  
 (51) Int. Cl.  
*G06Q 20/36* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
 (45) 13.09.2018  
 (62) 2015287566  
 (72) Simon, Gregory; Dennis, Sean; Barker, Levi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Macau University of Science and Technology  
 (11) AU-A-2018101071  
 (21) 2018101071 (22) 02.08.2018

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(54) METHODS AND COMPOSITIONS FOR TREATING MULTIDRUG-RESISTANT CANCER

(51) Int. Cl.  
**A61K 31/704** ( 2006.01 )  
**A61K 8/63** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07J 17/00** ( 2006.01 )

(45) 13.09.2018  
(72) XIE, Ying; JIANG, Zhi-Hong  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) MOLONEY, L.; Scott, G.  
(11) AU-A-2018101148

(21) 2018101148 (22) 13.08.2018  
(54) A SYSTEM AND METHOD FOR DOCUMENT INFORMATION AUTHENTICITY VERIFICATION

(51) Int. Cl.  
**G06F 21/64** ( 2013.01 )  
**H04L 9/32** ( 2006.01 )

(45) 13.09.2018  
(62) PCT/AU2017/050096  
(72) MOLONEY, Lindsay; Scott, Guy  
(74) Patentec Patent Attorneys

(71) Pickdelso Oy  
(11) AU-A-2018101188  
(21) 2018101188 (22) 15.08.2018  
(54) Put-to-light device

(51) Int. Cl.  
**B65G 1/02** ( 2006.01 )  
**B65G 1/06** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )

(45) 13.09.2018  
(72) Saviranta, Tapio  
(74) Tapio Saviranta

(71) Pickdelso Oy  
(11) AU-A-2018101189  
(21) 2018101189 (22) 15.08.2018  
(54) Rack controller to sorter to guide items into rack storage places

(51) Int. Cl.  
**B65G 1/06** ( 2006.01 )  
**B62B 3/00** ( 2006.01 )  
**B65G 1/02** ( 2006.01 )

(45) 13.09.2018  
(72) Saviranta, Tapio  
(74) Tapio Saviranta

(71) Sack, A.  
(11) AU-A-2018101160  
(21) 2018101160 (22) 14.08.2018  
(54) CHILD'S COMFORTER

(51) Int. Cl.  
**A61J 17/00** ( 2006.01 )  
**A47G 9/02** ( 2006.01 )

(31) 2017903517 (32) 31.08.17 (33) AU  
(45) 13.09.2018  
(72) Sack, Alina  
(74) Belyea IP

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(21) 2018101148

(71) Steelvision Pty Ltd  
(11) AU-A-2018101154  
(21) 2018101154 (22) 13.08.2018  
(54) Window or Door Assembly

(51) Int. Cl.  
**E06B 3/36** ( 2006.01 )  
**E06B 3/32** ( 2006.01 )  
(31) 2018900136 (32) 16.01.18 (33) AU  
(45) 13.09.2018  
(72) Chaponnel, John Christopher; Gooley, David; Kaye, Nicholas  
(74) Davies Collison Cave Pty Ltd

(71) stodulka, a.  
(11) AU-A-2018101155  
(21) 2018101155 (22) 13.08.2018  
(54) Debris Chute

(51) Int. Cl.  
**B65G 11/02** ( 2006.01 )  
(31) 2017903252 (32) 14.08.17 (33) AU  
(45) 13.09.2018  
(72) stodulka, andrea mario  
(74) andrea mario stodulka

(71) Superior Engineering (QLD) Pty Ltd  
(11) AU-A-2018101191  
(21) 2018101191 (22) 16.08.2018  
(54) A Vehicle Support Arm Assembly

(51) Int. Cl.  
**B60K 17/16** ( 2006.01 )  
(45) 13.09.2018  
(62) 2018211225

(72) Heick, Gregory John  
(74) Spruson & Ferguson

(71) T.K.O. Engineering Australia Pty Ltd  
(11) AU-A-2018101165  
(21) 2018101165 (22) 15.08.2018  
(54) Ore Crusher

(51) Int. Cl.  
**B02C 1/02** ( 2006.01 )  
(45) 13.09.2018  
(72) Roberts, Trevor George  
(74) STELLAR IP PTY LTD

(71) Tiron, D.  
(11) AU-A-2018101084  
(21) 2018101084 (22) 06.08.2018  
(54) Walking floats ratchet twist

(51) Int. Cl.  
**E04F 21/16** ( 2006.01 )  
**E04F 21/00** ( 2006.01 )  
**E04F 21/02** ( 2006.01 )

(45) 13.09.2018  
(72) Tiron, Danut  
(74) Danut Tiron

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(11) AU-A-2018101161  
(21) 2018101161 (22) 14.08.2018  
(54) A seed spreader

(51) Int. Cl.  
**A01C 7/20** ( 2006.01 )

**A01C 7/02** ( 2006.01 )  
**A01C 7/08** ( 2006.01 )

(31) 201721270623.6 (32) 29.09.17 (33) CN  
(45) 13.09.2018  
(72) CHUNG, Koon For; AN, Wei Wei; WANG, Yu Long  
(74) Griffith Hack

(71) Villarama, A.  
(11) AU-A-2018101192  
(21) 2018101192 (22) 16.08.2018  
(54) khomoil (comb)

(51) Int. Cl.  
**A45D 24/22** ( 2006.01 )  
(31) 2017903308 (32) 17.08.17 (33) AU  
(45) 13.09.2018  
(72) Villarama, Antonio  
(74) Antonio Villarama

(71) WILLIAM READY PARTNERS PTY LTD  
(11) AU-A-2018101166  
(21) 2018101166 (22) 15.08.2018  
(54) Device and method to assist writing

(51) Int. Cl.  
**G09B 11/04** ( 2006.01 )  
**B43K 23/00** ( 2006.01 )  
**B43L 13/20** ( 2006.01 )

(45) 13.09.2018  
(72) Ryan, Andrew  
(74) WILLIAM READY PARTNERS PTY LTD

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(21) 2018100747

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

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(71) 3D Glass Solutions, Inc.  
 (11) AU-A-2017223993  
 (21) 2017223993 (22) 24.02.2017  
 (54) 3D capacitor and capacitor array fabricating photoactive substrates  
 (51) Int. Cl.  
*H01G 4/008* ( 2006.01 )  
*H01G 4/002* ( 2006.01 )  
*H01G 4/08* ( 2006.01 )  
*H01G 4/12* ( 2006.01 )  
*H01G 4/33* ( 2006.01 )  
*H01G 4/38* ( 2006.01 )  
 (87) WO2017/147511  
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**A45D 20/12** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.

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**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
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**A61P 1/04** ( 2006.01 )  
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**A61P 11/08** ( 2006.01 )  
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 method of using  
**(51)** Int. Cl.  
**B05B 11/00** ( 2006.01 )  
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**D01D 5/00** ( 2006.01 )  
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**C30B 33/00** ( 2006.01 )  
**H01L 21/329** ( 2006.01 )  
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 Schädler, René  
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**(21)** 2017225376 **(22)** 02.03.2017  
**(54)** Mutant pores  
**(51)** Int. Cl.  
**C07K 16/12** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/483** ( 2006.01 )  
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**(21)** 2017225354 **(22)** 28.02.2017  
**(54)** 3D printing of a cellularised scaffold  
**(51)** Int. Cl.  
**C12N 5/077** ( 2010.01 )  
**C12M 1/26** ( 2006.01 )  
**C12M 3/02** ( 2006.01 )  
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**(11)** AU-A-2017225355  
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**(54)** Phase transfer of a cargo laden scaffold  
**(51)** Int. Cl.  
**C12N 5/077** ( 2010.01 )  
**C12M 1/26** ( 2006.01 )  
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**C12N 5/00** ( 2006.01 )  
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**(54)** Regeneration of catalytic oxidation  
 catalyst impregnated with chromium
- (51)** Int. Cl.  
**B01J 38/48** ( 2006.01 )  
**B01J 23/26** ( 2006.01 )  
**B01J 23/86** ( 2006.01 )  
**B01J 23/92** ( 2006.01 )  
**B01J 23/94** ( 2006.01 )  
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**(31)** 62/292,991 **(32)** 09.02.16 **(33)** US  
**(43)** 17.08.2017  
**(72)** Kramer, Keith; Cowfer, Joseph A.  
**(74)** Phillips Ormonde Fitzpatrick
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**(11)** AU-A-2017220473  
**(21)** 2017220473 **(22)** 08.02.2017  
**(54)** Method for adjustment of system for  
 filling of big bags, and system for filling  
 of big bags  
**(51)** Int. Cl.  
**B65B 1/06** ( 2006.01 )  
**B65B 39/06** ( 2006.01 )  
**B65B 43/54** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.
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**(21)** 2017222642 **(22)** 24.02.2017  
**(54)** Multilayer device for separating blood  
 components and uses thereof  
**(51)** Int. Cl.  
**G01N 1/40** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
**G01N 33/49** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/52** ( 2006.01 )  
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 Bowers, Larry Donald  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
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- (71)** Peri GmbH  
**(11)** AU-A-2017236137  
**(21)** 2017236137 **(22)** 01.03.2017  
**(54)** Frame element with a support head,  
 and building scaffold comprising such a  
 frame element  
**(51)** Int. Cl.  
**E04G 1/06** ( 2006.01 )  
**E04G 7/20** ( 2006.01 )  
**E04G 7/30** ( 2006.01 )  
**E04G 7/32** ( 2006.01 )  
**E04G 11/48** ( 2006.01 )  
**E04G 25/06** ( 2006.01 )  
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**(74)** Baldwins Intellectual Property
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**(54)** Stable formulations for lyophilizing  
 therapeutic particles  
**(51)** Int. Cl.  
**A61K 9/51** ( 2006.01 )  
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**A61K 31/337** ( 2006.01 )  
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**(21)** 2017275417 **(22)** 02.05.2017  
**(54)** Cartridge for an aerosol-generating sys-  
 tem  
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**A24F 47/00** ( 2006.01 )  
**A61M 11/04** ( 2006.01 )  
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**(43)** 07.12.2017  
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**(54)** Resealable can lid  
**(51)** Int. Cl.  
**B65D 17/00** ( 2006.01 )  
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**(31)** 10 2016 103 801.6 **(32)** 03.03.16 **(33)** DE  
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**(74)** IP SOLVED (ANZ) PTY. LTD.
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**(54)** Insole with suspended mesh surface  
**(51)** Int. Cl.  
**A43B 13/12** ( 2006.01 )  
**A43B 13/00** ( 2006.01 )  
**A43B 13/14** ( 2006.01 )  
**A43B 13/18** ( 2006.01 )  
**A43B 17/00** ( 2006.01 )  
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**(72)** Ringholz, Ryan; Lin, Hung-Chia  
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 tions-GmbH  
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**E01C 13/08** ( 2006.01 )
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- (51) Int. Cl.  
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**C07K 14/54** ( 2006.01 )  
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**C07K 14/705** ( 2006.01 )
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- (74) Griffith Hack
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- (54) Method for manufacturing a cellulose product by a pressure moulding apparatus, pressure moulding apparatus and cellulose product
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**B65B 43/08** ( 2006.01 )  
**B29C 51/28** ( 2006.01 )
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**B29C 70/44** ( 2006.01 )
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- (54) Method for manufacturing a cellulose product, cellulose product forming apparatus and cellulose product
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**B65B 43/08** ( 2006.01 )  
**B29C 51/42** ( 2006.01 )  
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- (54) High-voltage analog circuit pulser and pulse generator discharge circuit
- (51) Int. Cl.  
**H03K 3/02** ( 2006.01 )  
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**A47C 27/00** ( 2006.01 )  
**C09D 123/06** ( 2006.01 )
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**H04L 29/08** ( 2006.01 )  
**H04N 21/414** ( 2011.01 )
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- (74) Madderns Patent & Trade Mark Attorneys
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- (54) Signaling of application content packaging and delivery
- (51) Int. Cl.  
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**H04N 21/414** ( 2011.01 )
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- (74) Madderns Patent & Trade Mark Attorneys
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- (51) Int. Cl.  
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**H04W 72/14** ( 2009.01 )
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 (21) 2017222653 (22) 24.02.2017  
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     C12Q 1/68 ( 2006.01 )  
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     C12N 15/11 ( 2006.01 )  
     C12N 15/113 ( 2010.01 )  
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 (51) Int. Cl.  
     G06F 3/0354 ( 2013.01 )  
     G06F 3/01 ( 2006.01 )  
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 (21) 2017222708 (22) 22.02.2017  
 (54) Electronic document platform  
 (51) Int. Cl.  
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     G06F 17/30 ( 2006.01 )  
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 (31) 62/298,434 (32) 22.02.16 (33) US  
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 (21) 2017228372 (22) 03.03.2017  
 (54) Neutral floor cleaner compositions  
 (51) Int. Cl.  
     C11D 1/722 ( 2006.01 )  
     C11D 1/825 ( 2006.01 )  
     C11D 3/20 ( 2006.01 )  
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- (71) S.C. Johnson & Son, Inc.  
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 (21) 2017228378 (22) 03.03.2017  
 (54) Multi-purpose floor finish composition  
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     C09D 5/02 ( 2006.01 )  
     C09D 7/00 ( 2006.01 )  
     C09D 133/04 ( 2006.01 )  
     C09G 1/10 ( 2006.01 )  
     E04F 15/00 ( 2006.01 )  
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     B63C 11/52 ( 2006.01 )  
     B63G 8/00 ( 2006.01 )  
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 (51) Int. Cl.  
     G01N 33/574 ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
     G06Q 50/26 ( 2012.01 )  
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     G06Q 50/10 ( 2012.01 )  
     G08B 25/10 ( 2006.01 )  
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 (21) 2017220488 (22) 16.02.2017  
 (54) Implement operating apparatus  
 (51) Int. Cl.  
     A01B 69/00 ( 2006.01 )  
     A01B 73/00 ( 2006.01 )  
     A01C 7/00 ( 2006.01 )  
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     F16K 1/18 ( 2006.01 )  
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     C07K 14/47 ( 2006.01 )

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**A61P 21/00** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Sico Incorporated  
**(11)** AU-A-2017221388  
**(21)** 2017221388 **(22)** 16.02.2017  
**(54)** Portable stage system  
**(51)** Int. Cl.  
**E04H 3/28** ( 2006.01 )  
**F16B 2/14** ( 2006.01 )  
**F16B 12/40** ( 2006.01 )  
**F16B 12/52** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd

**(71)** Siemens Aktiengesellschaft  
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**(21)** 2017242363 **(22)** 28.03.2017  
**(54)** Method for exchanging a fuel cell stack  
 in a fuel cell system  
**(51)** Int. Cl.  
**H01M 8/24** ( 2006.01 )  
**H01M 8/04007** ( 2016.01 )  
**H01M 8/04089** ( 2016.01 )  
**H01M 8/043** ( 2016.01 )  
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 Hoffmann, Joachim; Lochner, Torsten;  
 Mattejat, Arno; Stühler, Walter  
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**(71)** Signode Industrial Group LLC  
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**(21)** 2017274379 **(22)** 12.05.2017  
**(54)** Shock absorbing feed wheel assembly  
**(51)** Int. Cl.  
**B65B 13/22** ( 2006.01 )  
**B65B 13/18** ( 2006.01 )  
**B65B 13/04** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Sika Technology AG  
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 position for producing a hydrogel  
**(51)** Int. Cl.  
**C08F 120/20** ( 2006.01 )  
**C08K 5/09** ( 2006.01 )  
**C08K 5/098** ( 2006.01 )

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**(72)** Haufe, Markus; Gut, Cyrill  
**(74)** WRAYS PTY LTD

**(71)** Skell, J.  
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**(54)** Extracting substances from botanical  
 matter  
**(51)** Int. Cl.  
**B01D 36/02** ( 2006.01 )  
**A23F 5/26** ( 2006.01 )  
**B01D 11/02** ( 2006.01 )  
**B01D 24/10** ( 2006.01 )  
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**(31)** 15/053,687 **(32)** 25.02.16 **(33)** US  
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**(72)** Skell, Jeffrey  
**(74)** HENRY HUGHES IP LTD

**(71)** SleepYstrip Pty Ltd  
**(11)** AU-A-2017216252  
**(21)** 2017216252 **(22)** 24.01.2017  
**(54)** Sleepystrip disposable breathing appar-  
 atus  
**(51)** Int. Cl.  
**A61F 5/56** ( 2006.01 )  
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**(72)** Willis, Karen; Hanson, Daniel; Willis,  
 Daniel  
**(74)** Jogias Patent & Trade Marks Attorneys

**(71)** SMS Group Process Technologies  
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**(21)** 2017227985 **(22)** 28.02.2017  
**(54)** Process for the separation of vanadium  
**(51)** Int. Cl.  
**C22B 3/44** ( 2006.01 )  
**C22B 34/22** ( 2006.01 )  
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**(31)** 16158032.9 **(32)** 01.03.16 **(33)** EP  
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 bert  
**(74)** Griffith Hack

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**(11)** AU-A-2017226859  
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<b>2016388366</b>	Natura Cosméticos S.A.; Instituto de Pesquisas Tecnológicas do Estado de Sao Paulo S.A. - IPT	<b>2017214252</b>	La Marzocco S.r.l.
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<b>2017211525</b>	Metix Limited	<b>2017222226</b>	Provecs Medical GmbH
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<b>2017212027</b>	Vision Techniques (Group) Limited	<b>2017222445</b>	Colborn, J.C.
<b>2017212147</b>	3DMorphic Pty Ltd	<b>2017222543</b>	ABC Polymer Industries, LLC
<b>2017212295</b>	Daikin Industries, Ltd.	<b>2017222567</b>	Aspen Park Pharmaceuticals, Inc.
<b>2017212650</b>	Magnetek, Inc.	<b>2017222576</b>	Intuit Inc.
<b>2017212651</b>	University of Mississippi	<b>2017222580</b>	Fornetix LLC
<b>2017212801</b>	Nasdaq, Inc.	<b>2017222581</b>	Fornetix LLC
<b>2017212837</b>	Weston, A.	<b>2017222582</b>	Fornetix LLC
<b>2017213405</b>	Bonac Corporation	<b>2017222588</b>	The General Hospital Corporation
<b>2017213993</b>	EA Pharma Co., Ltd.	<b>2017222593</b>	Medos International Sarl
		<b>2017222636</b>	Meyer Intellectual Properties Ltd.; Cheng, S.
		<b>2017222642</b>	Partnership For Clean Competition
		<b>2017222644</b>	The Trustees of the University of Pennsylvania

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2017222673	PLAE, Inc.	2017226674	Otsuka Pharmaceutical Co., Ltd.
2017222688	LanzaTech New Zealand Limited	2017226831	4D Pharma PLC
2017222690	The Board of Regents of The University of Oklahoma; Hill, A.	2017226859	Softbank Robotics Europe
2017222693	GR and KA Gillespie Pty Ltd	2017226940	Vetco Gray Scandinavia AS
2017222708	Royal Bank of Canada	2017227061	Dainelli, A.
2017222910	Tanaka Kikinzoku Kogyo K.K.	2017227099	Sumitomo Metal Mining Co., Ltd.
2017222946	Tomra Sorting N.V.	2017227280	FUJIFILM Corporation
2017222975	Base4 Innovation Limited	2017227323	Japan Agency for Marine-Earth Science and Technology
2017223024	Brillux GmbH & Co. KG	2017227349	CJ Cheiljedang Corporation
2017223037	Debiopharm International S.A.	2017227681	Meyer Intellectual Properties Limited; Vengroff, D.; Jenkins, J.
2017223057	Temasek Life Sciences Laboratory Limited	2017227713	Regeneron Pharmaceuticals, Inc.
2017223078	Live Earth Imaging Enterprises, LLC	2017227802	Becton, Dickinson and Company
2017223176	Apple Inc.	2017227868	Piech, G.
2017223188	Amazon Technologies, Inc.	2017227985	SMS Group Process Technologies GmbH
2017223223	Myriota Pty Ltd	2017228039	Specialites Pet Food
2017223229	NewSouth Innovations Pty Limited	2017228221	Resene Paints Limited
2017223264	8 Rivers Capital, LLC	2017228223	Knapik, S.
2017223268	BCG Design Group Limited	2017228369	Osmosterilities Services, Inc.
2017223297	Skell, J.	2017228371	Gilead Sciences, Inc.; X-Rx, Inc.
2017223365	Velox-Puredigital Ltd.	2017228372	S.C. Johnson & Son, Inc.
2017223410	BWXT Nuclear Operations Group, Inc.	2017228378	S.C. Johnson & Son, Inc.
2017223460	Immune Design Corp.	2017228442	Bladelogic, Inc.
2017223488	Thermacell Repellents, Inc.	2017228458	The Board of Regents of The University of Texas System
2017223490	Mars, Incorporated	2017228475	Shire Human Genetic Therapies, Inc.
2017223606	Biodelivery Sciences International, Inc.	2017228488	Desktop Metal, Inc.
2017223711	Fornetix LLC	2017228507	Desktop Metal, Inc.
2017223723	Fornetix LLC	2017228871	L&P Property Management Company
2017223725	Fornetix LLC	2017228933	Karkazis, D.; Wasson, K.
2017223730	Donaldson Filtration Deutschland GmbH	2017228983	Purple Innovation, LLC
2017223758	Carl Freudenberg KG	2017229098	AgroFresh Inc.
2017223823	DEKA Products Limited Partnership	2017229204	Crowe Horwath, LLP
2017223831	ACS (US), Inc.	2017229466	Theravance Biopharma R&D IP, LLC
2017223842	The Johns Hopkins University	2017229694	MasterCard International Incorporated
2017223970	HPVvax, LLC	2017229967	Hurley Phantom C.V.
2017223977	Joy Global Underground Mining LLC	2017230078	Sumitomo Chemical Company, Limited
2017223993	3D Glass Solutions, Inc.	2017230242	Elbe Valley Medical Ltd.
2017224111	Poseida Therapeutics, Inc.	2017230349	Alibaba Group Holding Limited
2017224128	International Marketing, Inc.	2017230836	Ecolab USA Inc.
2017224249	Aldeyra Therapeutics, Inc.	2017230910	Jensen Denmark A/S
2017224479	Noul Co., Ltd.	2017231035	Saipem S.p.A.
2017224865	Teknologian tutkimuskeskus VTT Oy	2017231094	Kuver Designs Pty Ltd
2017224875	Biosynex	2017231582	Koninklijke Douwe Egberts B.V.
2017224940	Kenwood Limited	2017231587	Mellon Medical B.V.
2017224983	Daikin Industries, Ltd.	2017231697	Ursapharm Arzneimittel GmbH
2017224984	Daikin Industries, Ltd.	2017231845	The University of Birmingham
2017225218	Lynx ApS	2017232261	Eurofilters N.V.
2017225296	Pulse Biosciences, Inc.	2017232631	The Sherwin-Williams Company
2017225354	Oxford University Innovation Limited	2017232632	Merrimack Pharmaceuticals, Inc
2017225355	Oxford University Innovation Limited	2017232634	Merrimack Pharmaceuticals, Inc
2017225376	Oxford Nanopore Technologies Limited	2017232636	Merrimack Pharmaceuticals, Inc
2017225458	OVD Kinegram AG	2017232844	De'Longhi Appliances Srl
2017225481	Fundacio Hospital Universitari Vall D'hebron-Institut de Recerca; Fundacio Institut de Bioenginyeria de Catalunya; Institutio Catalana de Recerca I Estudis Avancats	2017232873	CJ Cheiljedang Corporation
2017225754	SecureAuth Corporation	2017233072	NantCell, Inc.; Nant Holdings IP, LLC
2017225766	The Regents of the University of Michigan	2017233121	Generon (Shanghai) Corporation Ltd.
2017225781	Manufacturing Resources International, Inc.	2017233234	Pulpac AB
2017225790	Uber Technologies, Inc.	2017233235	Pulpac AB
2017225793	SecureAuth Corporation	2017233415	Ecolean AB
2017225796	NuVasive, Inc.	2017233504	Nicira, Inc.
2017225852	Exa Corporation	2017233553	Curtin University
2017225854	Genentech, Inc.; Foundation Medicine, Inc.	2017233658	Chugai Seiyaku Kabushiki Kaisha
2017225864	Advanced Rail Energy Storage, L.L.C.	2017233727	Her Majesty The Queen in Right of Canada, as represented by the Minister of Agriculture and Agri-Food
2017225908	NewSouth Innovations Pty Limited	2017233729	The University of British Columbia
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2017226199	New York University	2017234124	Sys-Tech Solutions, Inc.
2017226268	Huntleigh Technology Limited	2017234256	Medtronic Vascular Inc.
2017226292	Hydril USA Distribution LLC	2017234367	Tech Plas Extrusions Pty Ltd
2017226395	Alibaba Group Holding Limited	2017234379	Engee Pty Limited
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2017235221	Qualcomm Incorporated	2017260929	Yoshino Gypsum Co., Ltd.
2017235465	Numab Innovation AG	2017266469	Creo Medical Limited
2017236137	Peri GmbH	2017267375	Visa International Service Association
2017236289	Kemira Oyj	2017273703	EAS,IP, LLC
2017236398	Dyson Technology Limited	2017274379	Signode Industrial Group LLC
2017236399	Dyson Technology Limited	2017275417	Philip Morris Products S.A.
2017236400	Dyson Technology Limited	2017279840	Longi Magnet Co., Ltd
2017236402	Dyson Technology Limited	2017285371	Novartis AG
2017236454	Dyson Technology Limited	2017286837	Glasshouse Pharmaceuticals Limited Canada
2017236500	innoMask Technologies Kft.	2017302249	Intuit Inc.
2017236659	Pfizer Inc.	2017308144	Amazon Technologies, Inc.
2017236791	NantOmics, LLC	2017312823	Tiger New Surface Materials (Suzhou) Co., Ltd.; Sunman (Shanghai) Co., Ltd.
2017236796	F1 Oncology, Inc.		
2017237758	Komatsu Ltd.	2017330514	Apple Inc.
2017237900	StoneAge, Inc.	2017340139	Provisur Technologies, Inc.
2017237929	Afferent Pharmaceuticals Inc.	2018205434	Valmont Industries, Inc.
2017238073	MasterCard International Incorporated	2018211880	Hanmi Pharm. Co., Ltd.
2017238172	Elstar Therapeutics, Inc.	2018217255	Longi Magnet Co., Ltd.
2017238341	AstraZeneca AB		
2017238445	AIT Austrian Institute of Technology GmbH		
2017238999	Syngenta Participations AG		
2017239000	Syngenta Participations AG		
2017239002	Syngenta Participations AG		
2017239006	Sika Technology AG		
2017240048	Qualcomm Incorporated		
2017240266	Debregeas et Associes Pharma		
2017240507	Medtronic Vascular Inc.		
2017240972	Qualcomm Incorporated		
2017241461	ExxonMobil Research and Engineering Company		
2017241540	Warsaw Orthopedic, Inc.		
2017241594	Apple Inc.		
2017241686	Hypertherm, Inc.		
2017242180	Nissin Kogyo Co., Ltd.		
2017242181	Nissin Kogyo Co., Ltd.		
2017242363	Siemens Aktiengesellschaft		
2017243195	United Kingdom Research and Innovation		
2017243471	Kureha Corporation		
2017243875	Orora Packaging Australia Pty Ltd		
2017244138	Merck Patent GmbH		
2017244139	Merck Patent GmbH		
2017245641	GlaxoSmithKline Intellectual Property (No.2) Limited		
2017246198	Hexagon Technology AS		
2017246210	Qualcomm Incorporated		
2017246245	Coogee Minerals Pty Ltd		
2017246336	Qualcomm Incorporated		
2017246352	Linde Aktiengesellschaft		
2017246713	Qualcomm Incorporated		
2017246942	Dragić, M.		
2017246999	Nanopharma a.s.; SG Ventures Pty Limited		
2017247001	Deakin University		
2017247128	Qualcomm Incorporated		
2017247138	Qualcomm Incorporated		
2017247146	Clawson, J.		
2017247162	Qualcomm Incorporated		
2017247558	AstraZeneca AB		
2017248312	JLG Industries, Inc.		
2017248678	Grünenthal GmbH		
2017249012	Qualcomm Incorporated		
2017249014	Qualcomm Incorporated		
2017250948	De Nora Permelec Ltd; Kawasaki Jukogyo Kabushiki Kaisha		
2017251164	Hamilton Medical AG		
2017251537	AbbVie Inc.		
2017251943	Polytex Sportbeläge Produktions-GmbH		
2017253080	Kao Corporation		
2017253210	Eli Lilly and Company		
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2017256817	CCL Secure Pty Ltd		

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2017220488	<b><u>A23F 5 /-</u></b>	<b><u>A47C 17 /-</u></b>	<b><u>A47L 15 /-</u></b>	2017223823	2017222644
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2017223488	2017228039	2017228871	2017230242	2017218801	2016396659
<b><u>A01M 21 /-</u></b>	<b><u>A23L 3 /-</u></b>	2017228983	2017231587	<b><u>A61K 31 /-</u></b>	2017233658
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2017214762	2016409494	<b><u>A47F 3 /-</u></b>	2017266469	2016393867	<b><u>A61K 45 /-</u></b>
2017230078	<b><u>A23L 33 /-</u></b>	2017225781	<b><u>A61B 3 /-</u></b>	2017211461	2016396658
2017257713	2016409494	<b><u>A47F 5 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017212651	2016396659
<b><u>A01N 31 /-</u></b>	<b><u>A24F 47 /-</u></b>	2017222693	2017212147	2017213993	2017233658
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2017229098	2017228933	<b><u>A47J 27 /-</u></b>	2017215679	2017217728	2017223606
<b><u>A01N 37 /-</u></b>	<b><u>A41D 13 /-</u></b>	2017222636	2017215680	2017217953	2017227280
2017229098	2017228933	<b><u>A47J 31 /-</u></b>	2017215682	2017222567	2017232632
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2017239000	2017222673	<b><u>A47J 36 /-</u></b>	2017246999	2017227280	2017214687
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<b><u>A01N 47 /-</u></b>	2017236399	<b><u>A47J 43 /-</u></b>	2017212147	2017231697	2017236659
2017257713	2017236400	2017224940	2017217879	2017245641	2017240266
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			<b><u>A61F 9 /-</u></b>	2017225766	2017227280
			2017256167	2017226831	2017231697
				2017228371	2017236659
				2017245641	2017240266
				2017247558	2017248678
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				2018211880	
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2017215683	2017224249	2017222445	2016394837	2017222088	2017225908
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		<b><u>B01J 35 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B62M 3 /-</u></b>
		2017218649	2017227099	2017246198	2017218601 2017218602
		<b><u>B01J 37 /-</u></b>	<b><u>B23K 26 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B62M 6 /-</u></b>
		2017218515 2017218649	2016393538	2017228507	2017225218
		<b><u>B23K 35 /-</u></b>	2017223410		

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<b><u>B62M 9 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>B68G 9 /-</u></b>	<b><u>C07C 315 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08F 8 /-</u></b>
2016369409 2017218601 2017218602	2017233415 2017286837	2017228871	2017217728	2017211392 2017237929 2017251537	2017257380
<b><u>B63B 35 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>B81B 1 /-</u></b>	<b><u>C07C 317 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C08G 59 /-</u></b>
2017220383	2017214762 2017228223	2017233729	2017217728	2017213993 2017244138 2017244139	2016397680
<b><u>B63C 11 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>B82Y 30 /-</u></b>	<b><u>C07C 57 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C08G 63 /-</u></b>
2017222445 2017231035	2017308144	2017225908	2016396658 2016396659	2017222690	2016397680 2017217397
<b><u>B63G 8 /-</u></b>	<b><u>B65G 11 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07J 3 /-</u></b>	<b><u>C08G 83 /-</u></b>
2017231035	2017222177	2017246245	2017238999 2017239000 2017239002	2017241540	2017217397
<b><u>B65B 1 /-</u></b>	<b><u>B65G 13 /-</u></b>	<b><u>C01B 33 /-</u></b>	<b><u>C07D 237 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08J 5 /-</u></b>
2017220473	2017308144	2017246999	2017226674	2017213993 2017222226 2017222644 2017223970 2017226199 2017228475 2017233072 2017236796 2017238172	2017215107
<b><u>B65B 13 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C01F 5 /-</u></b>	<b><u>C07D 245 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08K 5 /-</u></b>
2017274379	2017222177 2017223977	2017246245	2017244138	2017220184 2017225376 2017227713 2017233121 2017235465 2017238172	2017220185 2017239006
<b><u>B65B 39 /-</u></b>	<b><u>B65G 19 /-</u></b>	<b><u>C01G 1 /-</u></b>	<b><u>C07D 261 /-</u></b>	<b><u>C07L 23 /-</u></b>	<b><u>C08L 23 /-</u></b>
2017220473	2017223977	2017223229	2017229466	2017220185	2017220185
<b><u>B65B 43 /-</u></b>	<b><u>B65G 39 /-</u></b>	<b><u>C01G 15 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C08L 29 /-</u></b>	<b><u>C08L 29 /-</u></b>
2017220473 2017233234 2017233235	2017223977	2017223229	2017238999 2017239000 2017239002 2017245641	2017246999	2017246999
<b><u>B65B 63 /-</u></b>	2017308144	<b><u>C01G 19 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C08L 33 /-</u></b>	<b><u>C08L 33 /-</u></b>
2017228871	<b><u>B65G 43 /-</u></b>	2017223229	2017213993 2017238341 2017244138 2018211880	2017220185 20172243471	2017220185 2017243471
<b><u>B65D 1 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C08L 5 /-</u></b>	<b><u>C08L 5 /-</u></b>
2016392456	2017222177	2017246245	2017213993 2017239000 2017245641	2017224249	2017224249
<b><u>B65D 17 /-</u></b>	<b><u>B65G 53 /-</u></b>	<b><u>C04B 103 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C08L 63 /-</u></b>	<b><u>C08L 63 /-</u></b>
2017227868 2017286837	2016406346	2016407229	2017213993 2017239000 2017245641	2016397680	2016397680
<b><u>B65D 21 /-</u></b>	<b><u>B66B 1 /-</u></b>	<b><u>C04B 111 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C08L 77 /-</u></b>
2016392456	2016389594 2017212650	2016407229	2017213993 2017239000 2017245641	2017233727	2017215107
<b><u>B65D 47 /-</u></b>	<b><u>B66B 11 /-</u></b>	<b><u>C04B 16 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C08F 10 /-</u></b>	<b><u>C09D 11 /-</u></b>
2017230836	2016389594 2016389595	2017222543	2017213993 2017239000 2017239002	2017220185	2017223365
<b><u>B65D 51 /-</u></b>	<b><u>B66B 7 /-</u></b>	<b><u>C04B 22 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C08F 120 /-</u></b>	<b><u>C09D 123 /-</u></b>
2017228223	2016389595	2016407229	2017238999 2017239000 2017245641	2017239006 2017257380	2017228983
<b><u>B65D 65 /-</u></b>	<b><u>B66F 11 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C07D 419 /-</u></b>	<b><u>C08F 2 /-</u></b>	<b><u>C09D 133 /-</u></b>
2017214762 2017243471	2017248312	2016407229	2017238999 2017239000 2017245641	2016397050	2017228378
<b><u>B65D 73 /-</u></b>	<b><u>B66F 17 /-</u></b>	<b><u>C05B 17 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C09D 5 /-</u></b>
2017286837	2017248312	2017220185	2017238999 2017239000 2017239002	2017220185	2017223024 2017225908 2017228378 2017232631
<b><u>B65D 75 /-</u></b>	<b><u>B66F 9 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07D 229 /-</u></b>	<b><u>C08F 273 /-</u></b>	<b><u>C09D 7 /-</u></b>
2017224128 2017233415	2017248312	2017220185	2017245641 2017247558 2017251537	2016397050 2016397051	2017228378
	<b><u>B68C 1 /-</u></b>	2017213405			
	2017208814				

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<b>C09G 1 /-</b>	2017253080		<b>E01C 13 /-</b>	<b>E04G 7 /-</b>	<b>F21C 50 /-</b>
2017228378	<b>C12N 5 /-</b>	<b>C23F 13 /-</b>	2017251943	2017236137	2017226292
<b>C09J 11 /-</b>	2016395556	2017226940	<b>E02F 3 /-</b>	<b>E04H 1 /-</b>	<b>F02C 3 /-</b>
2017243875	2017211858	<b>C25B 1 /-</b>	2017226292	2017227061	2017223264
<b>C09J 163 /-</b>	2017222653	2017233774	<b>E02F 7 /-</b>	<b>E04H 12 /-</b>	<b>F02C 9 /-</b>
2016397680	2017223460	2017250948	2017226292	2016394830	2017223264
<b>C09J 4 /-</b>	2017225354	<b>C25B 11 /-</b>	<b>E03D 7 /-</b>	2017228369	<b>F02M 25 /-</b>
2016397050	2017225355	2017250948	2017227061	2018205434	2016389030
<b>C09K 5 /-</b>	2017233072	<b>C25B 15 /-</b>	<b>E04B 1 /-</b>	<b>E04H 17 /-</b>	<b>F02M 27 /-</b>
2016388366	2017223970	2017233774	2017222252	2016394830	2016389030
2017212295	<b>C12N 9 /-</b>	<b>C25B 9 /-</b>	2017222253	<b>E04H 3 /-</b>	<b>F03B 13 /-</b>
2017239006	2017213405	2017233774	2017222254	2017221388	2017246942
<b>C10G 47 /-</b>	2017222688	2017250948	2017222255	<b>E05C 19 /-</b>	<b>F03G 3 /-</b>
2017241461	2017227349	<b>C30B 33 /-</b>	<b>E04B 2 /-</b>	2017227061	2017225864
<b>C10G 65 /-</b>	2017232873	2017223229	2017222252	<b>E06B 9 /-</b>	<b>F04B 43 /-</b>
2017241461	2017233072	<b>D01D 5 /-</b>	2017222253	2017220376	2017226292
<b>C10M 101 /-</b>	2017253080	2017222543	2017222254	<b>E21B 17 /-</b>	<b>F15B 13 /-</b>
2017241461	<b>C12P 1 /-</b>	2017246999	2017222255	2017222210	2017260471
<b>C11D 1 /-</b>	2016409494	<b>D01F 1 /-</b>	2017222693	<b>E21B 19 /-</b>	<b>F16B 12 /-</b>
2017228372	<b>C12P 13 /-</b>	2017246999	2017234367	2017222210	2017221388
<b>C11D 3 /-</b>	2017232873	<b>D01F 6 /-</b>	<b>E04C 5 /-</b>	<b>E21B 21 /-</b>	2017223268
2017228372	<b>C12P 19 /-</b>	<b>D01F 7 /-</b>	2017222543	2016406348	2017227061
<b>C12M 1 /-</b>	2017211461	<b>D04C 7 /-</b>	<b>E04F 11 /-</b>	2016406805	<b>F16B 2 /-</b>
2017225354	2017227349	2017251943	2016394830	<b>E21B 23 /-</b>	2017221388
2017225355	<b>C12P 7 /-</b>	<b>D04H 1 /-</b>	<b>E04F 13 /-</b>	2016406325	2017227061
2017233729	2017241540	2017221677	2017222693	<b>E21B 25 /-</b>	<b>F16B 5 /-</b>
<b>C12M 3 /-</b>	2017253080	<b>D06F 39 /-</b>	<b>E04F 15 /-</b>	2017214766	2017222693
2017225354	<b>C12Q 1 /-</b>	2017246999	2017228378	<b>E21B 33 /-</b>	<b>F16F 1 /-</b>
2017225355	2017214850	<b>D06F 67 /-</b>	<b>E04G 1 /-</b>	2016406325	2017228871
<b>C12N 1 /-</b>	2017222653	2016405231	2017236137	<b>E21B 34 /-</b>	<b>F16F 3 /-</b>
2017225355	2017222975	2017230910	<b>E04G 11 /-</b>	2016406325	2017228871
2017225355	2017223057	<b>D06M 23 /-</b>	2017236137	2016408405	<b>F16H 37 /-</b>
<b>C12N 15 /-</b>	2017225376	2017246999	<b>E04G 21 /-</b>	<b>E21B 43 /-</b>	2016369409
2017233729	2017225854	<b>D21H 17 /-</b>	2016394830	2016394232	<b>F16K 1 /-</b>
<b>C12M 3 /-</b>	2017231845	2016393671	2016394830	2016408405	2017209352
2016409494	2017233729	2017236289	<b>E04G 23 /-</b>	<b>E21B 47 /-</b>	<b>F16K 15 /-</b>
2017253080	<b>C12R 1 /-</b>	2017243875	2017228369	2016402342	2017260471
2017211461	2017232873	2017257380	<b>E04G 25 /-</b>	2016406805	<b>F16K 31 /-</b>
2017213405	<b>C22B 3 /-</b>	<b>D21H 21 /-</b>	2017236137	2017214766	2017209352
2017222226	2017227985	2016393671	<b>E04G 5 /-</b>	<b>E21B 49 /-</b>	
2017222644	<b>C22B 34 /-</b>	2017236289	2017234367	2016406805	
2017222653	2017227985	2017243875		2017214766	
2017222688	<b>C22C 21 /-</b>	2017257380			
2017222690	2017227985	2016393671			
2017223460	<b>C22C 38 /-</b>	2017236289			
2017224111	2017226940	2017243875			
2017224865	2016393538	2017257380			
2017226199					
2017227349					
2017232873					
2017233072					
2017236796					

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2016394232 2017273703	2016403735	2017223823	2017302249	2017225977	2017217522
<b><u>F23C 13 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G05B 17 /-</u></b>	<b><u>G06N 5 /-</u></b>	<b><u>H01F 27 /-</u></b>	<b><u>H02S 50 /-</u></b>
2017223488	2016403735	2016406348	2017229204	2017330514	2017217522
<b><u>F23D 14 /-</u></b>	<b><u>G01N 3 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06N 7 /-</u></b>	<b><u>H01F 38 /-</u></b>	<b><u>H03K 17 /-</u></b>
2017223488	2017225908	2016398123 2017225790 2017237758	2017247001	2017330514	2017209642
<b><u>F24F 11 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G05G 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>H01G 4 /-</u></b>	<b><u>H03K 3 /-</u></b>
2017224983 2017224984	2017241540	2017248312	2016402225 2017227323	2016397051 2017223993	2017225296
<b><u>F25B 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H01H 9 /-</u></b>	<b><u>H03K 5 /-</u></b>
2017212295	2016395556 2017211247 2017214850 2017222642	2017302249	2017226601 2017229694 2017238073	2017209635	2017225296
<b><u>F25C 1 /-</u></b>	2017222910 2017223057 2017224479 2017224875	<b><u>G06F 15 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>H01L 21 /-</u></b>	<b><u>H04L 12 /-</u></b>
2017222588	2017225376 2017227802 2017233729 2017236791	2017223831	2017226395 2017226601 2017234124	2017223229	2017233504
<b><u>F25D 17 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H04L 29 /-</u></b>
2017246352	2017233729	2017222708 2017225852 2017234124 2017256162	2017222708 2017226398	2017223229 2017312823	2016392715 2017222580 2017222581 2017222582 2017223711 2017223723 2017223725 2017226398 2017230349 2017235219 2017235221
<b><u>F25D 25 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 19 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H01M 8 /-</u></b>
2017246352	2017219678 2017221058	2017211781 2017227323	2017218895 2017226601	2016397051	2017242363
<b><u>F28D 20 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06Q 99 /-</u></b>	<b><u>H01Q 11 /-</u></b>	<b><u>H01Q 11 /-</u></b>
2016387181	2017225790	2016399761 2017212837 2017222576 2017225754 2017225793	2017247001	2017266469	2017240048 2017240972 2017246210 2017247138 2017247162
<b><u>G01C 11 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H01Q 3 /-</u></b>
2017223078	2017218717 2017223223	2017223176 2017228221 2017241594	2017234124	2017223223	2017223223
<b><u>G01C 21 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 7 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H01R 13 /-</u></b>
2016392624	2016402342	20172211781 2017212801	2017256817 2017308144	2016390648 2017226859	2016390648 2017226859
<b><u>G01J 1 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G07D 7 /-</u></b>	<b><u>H01T 23 /-</u></b>	<b><u>H01T 23 /-</u></b>
2017225908	2017223078	2016406348 2017218895 2017228442 2017233504 2017247001	2017225458	2016389030	2016389030
<b><u>G01N 1 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G07F 11 /-</u></b>	<b><u>H02J 15 /-</u></b>	<b><u>H02J 15 /-</u></b>
2017222642 2017224479 2017238445	2016402225	2016406348 2017218895 2017228442 2017233504 2017247001	2017225781	2017225864	2017225864
<b><u>G01N 15 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G07F 17 /-</u></b>	<b><u>H02J 50 /-</u></b>	<b><u>H02J 50 /-</u></b>
2017224479 2017260929	2016397051	2017222088 2017234124	2017225781	2017330514	2017330514
<b><u>G01N 21 /-</u></b>	<b><u>G04G 21 /-</u></b>	<b><u>G06K 7 /-</u></b>	<b><u>G07F 7 /-</u></b>	<b><u>H02K 5 /-</u></b>	<b><u>H02K 5 /-</u></b>
2016403735 2017222279 2017222946 2017223057 2017225908 2017241540	2017267375	2017226395	2017225781	2016389594	2016389594
	<b><u>G04G 9 /-</u></b>		<b><u>G07F 9 /-</u></b>	<b><u>H02K 9 /-</u></b>	<b><u>H02K 9 /-</u></b>
	2017267375		2017225781	2016389594	2016389594
			<b><u>G08B 25 /-</u></b>	<b><u>H02P 27 /-</u></b>	<b><u>H02P 27 /-</u></b>
			2017218895	2016389594	2016389594
					<b><u>H04N 21 /-</u></b>
					2017235219 2017235221
					<b><u>H04N 3 /-</u></b>
					2017223078



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2017223188

**H04S 7 /-**

2017220720

**H04W 12 /-**

2017249014

**H04W 24 /-**

2016406379

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2017247128

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2016406379

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2016406379

2017240972

2017246336

2017246713

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2017249012

**H05B 6 /-**

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2017227681

**H05H 1 /-**

2017241686

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Name Index

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 (51) Int. Cl.  
*A42B 3/08* ( 2006.01 )  
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 (11) AU-B-2017203983  
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 (54) Methods of manufacturing bioactive gels from extracellular matrix material  
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*A61L 27/36* ( 2006.01 )  
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 (43) 06.07.2017  
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 (72) KENTNER, Kimberly A.; STUART, Katherine A.; JANIS, Abram D.  
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**B02C 13/282** ( 2006.01 )  
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**B01D 53/32** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**C22B 3/44** ( 2006.01 )  
**B09B 3/00** ( 2006.01 )  
**C01B 33/12** ( 2006.01 )  
**C01F 7/20** ( 2006.01 )  
**C01G 23/04** ( 2006.01 )  
**C01G 49/02** ( 2006.01 )  
**C22B 1/02** ( 2006.01 )  
**C22B 3/06** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
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**(74)** Madderns Patent & Trade Mark Attor-  
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**(54)** Embryo sampling for molecular analysis  
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**B29C 65/34** ( 2006.01 )  
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**B29K 101/12** ( 2006.01 )  
**B29K 305/00** ( 2006.01 )  
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*A61F 5/445* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
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**(54)** Washing machine  
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 AND METHOD AND APPARATUS FOR  
 DECODING SAME

**(51)** Int. Cl.  
**H04N 19/50** ( 2014.01 )  
**(43)** 15.03.2018  
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**(71)** Sanofi-Aventis Deutschland GmbH  
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**(54)** Autoinjector  
**(51)** Int. Cl.

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**(54)** Pant-like absorbent article  
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**(74)** Cotters Patent & Trade Mark Attorneys

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**(54)** Cooking apparatus with cushioned pan-  
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**(51)** Int. Cl.  
**A47J 37/06** ( 2006.01 )

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**(71)** Seiko Epson Corporation  
**(11)** AU-B-2017202687  
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**(54)** Liquid supply unit  
**(51)** Int. Cl.  
**B41J 2/175** ( 2006.01 )

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**(62)** 2015234129  
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**(54)** Juicing bag  
**(51)** Int. Cl.  
**A47J 19/02** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**C01B 3/36** ( 2006.01 )  
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 Ruben  
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 Co.Ltd  
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 ing two-dimensional image into multi-  
 viewpoint image  
**(51)** Int. Cl.

**H04N 13/00** ( 2018.01 )  
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**(54)** Treatment of fibrosis  
**(51)** Int. Cl.

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**A61K 39/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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**(31)** 1522186.4 **(32)** 16.12.15 **(33)** GB  
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 bastian  
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**(71)** Smith & Nephew, Inc.  
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**(21)** 2014241134 **(22)** 10.03.2014  
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 open architecture anchor  
**(51)** Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**A61F 2/08** ( 2006.01 )

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**(71)** Sony Corporation  
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**H04N 5/92** ( 2006.01 )

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	(74) Eagar & Associates Pty Ltd			
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	(54) Translucent digital display system			
	(51) Int. Cl.			
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 Dong, Xueting  
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2013318083	Steelcase Inc.	2014290779	Chevron U.S.A. Inc.
2013323362	Fisher Controls International LLC	2014291718	Virbac
2013323809	Oracle International Corporation	2014294127	Sony Corporation
2013323843	Oracle International Corporation	2014295816	NewSouth Innovations Pty Limited
2013329632	Veritas Technologies LLC	2014302282	The University of North Carolina at Chapel Hill
2013334583	Research Development Foundation	2014302966	Becton, Dickinson and Company
2013334610	The United States of America, as represented by The Secretary, Department of Health and Human Services; Novartis AG	2014307790	Dodd, C.A.; O'Connor, J.J.; Biomet UK Healthcare Limited; Murray, D.W.
2013337418	Pioneer Hi-Bred International, Inc.	2014308538	Tropiglas Technologies Ltd
2013353763	NovImmune S.A.	2014312438	Nuvera Fuel Cells, LLC
2013355172	Amgen Inc.	2014314275	Tetra Laval Holdings & Finance S.A.
2013359304	Klin, A.; Jones, W.; Shultz, S.	2014318040	Qualcomm Incorporated
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2013381060	ArthroCare Corporation	2014344813	The University Of Queensland
2013400934	Merlo Group Innovation Lab S.r.l.	2014345350	Seafarm Products AS
2013403050	Statoil Petroleum AS	2014345771	Bayer Pharma Aktiengesellschaft
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2014209594	ICU Medical, Inc.	2014358858	Hovione Scientia Limited
2014212780	Facebook, Inc.	2014361132	Zwick, R.; Schmitz, B.; Zwick, C.
2014215478	Purdue Pharma L.P.	2014363247	Finance Developpement Environnement Charreyre - FI-DEC
2014222376	Tagra Biotechnologies Ltd.	2014364034	Kraft Foods Group Brands LLC
2014223326	Omachron Intellectual Property Inc.	2014368992	Takeda Pharmaceutical Company Limited
2014226864	Megmilk Snow Brand Co., Ltd.	2014369861	CureLab Oncology, Inc.
2014226865	Megmilk Snow Brand Co., Ltd.	2014372436	Paradise Honey Oy
2014227430	JOHNSON & JOHNSON VISION CARE, INC.	2014372796	Umicore
2014228414	Pearl Therapeutics, Inc.	2014373820	Google LLC
2014233411	Deciphera Pharmaceuticals, LLC	2014374017	Johnson & Johnson Consumer Companies, Inc.
2014233479	Abbott Diabetes Care Inc.	2014385191	West, J.; Ryan, J.; Estwing Manufacturing Company, Inc.; Flosi, S.
2014233914	Fisher Controls International LLC	2014388969	Marchesan Implementos e Maquinas Agricolas Tatu S.A.
2014233647	Synthesis Energy Systems, Inc.	2014398269	Essity Hygiene and Health Aktiebolag
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2014246853	Salts Healthcare Limited	2015205047	Samsung Electronics Co., Ltd.
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2014253730	Research Institute at Nationwide Children's Hospital	2015212813	Nuovo Pignone Srl
2014253326	Idorsia Pharmaceuticals Ltd	2015214352	CommScope Technologies LLC
2014255997	RIMOWA GmbH	2015216745	J&E Hall Limited
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2014273940	Nuvera Fuel Cells, LLC	2015219163	Vermeer Manufacturing Company
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2014274892	Tal, M.	2015224876	Sumitomo Chemical Company, Limited
2014277275	ThyssenKrupp Industrial Solutions AG	2015241366	National Oilwell Varco, L.P.
2014277969	The Board of Trustees of the University of Illinois		
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2015259096	Calysta, Inc.	2016228476	ATLAS ELEKTRONIK GmbH
2015262218	Samsung Electronics Co., Ltd.	2016229422	Illinois Tool Works Inc.
2015263953	Medivators Inc.	2016231607	C.R. Bard, Inc.
2015271689	Fred Hutchinson Cancer Research Center	2016233621	Novelis Inc.
2015271931	KCI Licensing, Inc.	2016238957	Kellogg Brown & Root LLC
2015273340	Nicoventures Holdings Limited	2016240594	Terumo Kabushiki Kaisha
2015276353	Alfred Karcher GmbH & Co. KG	2016240622	Fujitsu General Limited
2015278743	Telefonaktiebolaget LM Ericsson (publ)	2016240880	JFE Steel Corporation
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2015289030	Knauf Insulation, Inc.; Knauf Insulation SPRL	2016243374	Colgate-Palmolive Company
2015289237	BKP Berolina Polyester GmbH & Co. KG	2016244318	Unified Brands, Inc.
2015291347	Inventio AG	2016247138	Stratacache, Inc.
2015292319	Zimmer, Inc.	2016250376	Weatherford Technology Holdings, LLC
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2015294478	Caterpillar Inc.	2016253804	The Yokohama Rubber Co., Ltd.
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2015305770	Merck Sharp & Dohme Corp.	2016262614	Manufacturing Resources International, Inc.
2015308188	Koninklijke Douwe Egberts B.V.	2016262650	NERGECO
2015313782	Novartis AG	2016269064	BASF SE
2015314060	Thales Holdings UK Plc	2016269509	Creaturo, M.
2015314184	GlaxoSmithKline Intellectual Property (No.2) Limited	2016269524	Dermira, Inc.
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2015328276	Caterpillar Inc.	2016272434	Lewmar Limited
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2015354848	KI-Kepong Oleomas Sdn Bhd	2016317469	Dow AgroSciences LLC
2015358636	E-Smarts Global Licensing Ltd	2016317836	Dow AgroSciences LLC
2015361102	ExxonMobil Research and Engineering Company	2016318213	Kabushiki Kaisha Toshiba
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2015365825	Eagleburgmann Germany GmbH & Co. KG	2016340742	Motorola Solutions, Inc.
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2015380698	Halliburton Energy Services, Inc.	2016369407	Singapore Health Services Pte Ltd; National University of Singapore
2015382917	Bolymedia Holdings Co. Ltd.	2016375209	Daikin Industries, Ltd.
2015383112	Halliburton Energy Services, Inc.	2016381888	Daikin Industries, Ltd.
2015383177	Halliburton Energy Services, Inc.	2016385393	Sami Labs Limited
2015383608	Huawei Technologies Co., Ltd.	2016397878	Shenzhen Skyworth-RGB Electronic Co.Ltd
2015384754	Amazon Technologies, Inc.	2017200503	Mitralix Ltd
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2015394564	Halliburton Energy Services, Inc.	2017201298	Medline Industries, Inc.
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2015397741	Hsu, H.	2017201499	Expression Pathology, Inc.
2015402519	Edwards, S.	2017201548	Apple Inc.
2015409412	SCA Hygiene Products AB	2017201996	Sony Corporation
2015411501	Colgate-Palmolive Company	2017202102	Unilever PLC
2015419145	Colgate-Palmolive Company	2017202136	Air Products and Chemicals, Inc.
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2016203833	Wallace, C.	2017202338	Motorola Solutions, Inc.
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2017225107 Amazon Technologies, Inc.  
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2015252705	<b><u>A01N 47 /-</u></b>	2014255997	<b><u>A61B 10 /-</u></b>	<b><u>A61F 7 /-</u></b>	2014226865
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<b><u>A01G 31 /-</u></b>	2014353838	<b><u>A45F 3 /-</u></b>	2015292319	2014277969	2013353763
2015358636	2017248427	2014291718	2017201447	<b><u>A61H 23 /-</u></b>	2013355172
<b><u>A01H 1 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A46B 15 /-</u></b>	2013381060	2015202287	2014259474
2013337418	2014353838	2016243374	2014246629	<b><u>A61J 1 /-</u></b>	2014369861
<b><u>A01H 4 /-</u></b>	2017248427	<b><u>A46B 9 /-</u></b>	<b><u>A61B 3 /-</u></b>	2014209594	2015305770
2013337418	2017251822	2016243374	2014227430	<b><u>A61J 3 /-</u></b>	2016219708
<b><u>A01H 5 /-</u></b>	<b><u>A01P 5 /-</u></b>	<b><u>A47C 1 /-</u></b>	2016270934	2013295573	2016369407
2017248427	2017248427	2013318051	<b><u>A61B 34 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>A61K 47 /-</u></b>
<b><u>A01J 9 /-</u></b>	<b><u>A01P 7 /-</u></b>	2013318083	2017232030	2013362755	2017213539
2015302367	2015224876	<b><u>A47C 27 /-</u></b>	2017232127	2014215478	<b><u>A61K 48 /-</u></b>
<b><u>A01K 45 /-</u></b>	2017248427	2015397741	<b><u>A61B 46 /-</u></b>	2014228414	2014253730
2018204668	<b><u>A22C 21 /-</u></b>	<b><u>A47D 9 /-</u></b>	2017201298	2014233411	<b><u>A61K 49 /-</u></b>
<b><u>A01K 59 /-</u></b>	2014350664	2014200902	<b><u>A61B 5 /-</u></b>	2014255326	2014215478
2014372436	<b><u>A23B 9 /-</u></b>	<b><u>A47J 19 /-</u></b>	2013359304	2014345771	2014358858
<b><u>A01M 1 /-</u></b>	2014353838	2017210557	2014227430	2014358145	2014222376
2017203809	<b><u>A23C 19 /-</u></b>	<b><u>A47J 31 /-</u></b>	2014233479	2014368992	2014358145
<b><u>A01N 25 /-</u></b>	2014364034	2015308188	2014302966	2015220659	2015343223
2014353838	<b><u>A23F 5 /-</u></b>	<b><u>A47J 37 /-</u></b>	2014318872	2015224876	2015364595
<b><u>A01N 31 /-</u></b>	2015308188	2016205947	<b><u>A61C 19 /-</u></b>	2015313782	2017202102
2017251822	<b><u>A23G 3 /-</u></b>	<b><u>A47K 10 /-</u></b>	2015411501	2015314184	2017210509
<b><u>A01N 35 /-</u></b>	2017254899	2014398269	<b><u>A61F 13 /-</u></b>	2015354848	<b><u>A61K 9 /-</u></b>
2014353838	<b><u>A23L 13 /-</u></b>	2016216254	2013365843	2015364595	2014215478
<b><u>A01N 37 /-</u></b>	2014351468	2016244318	2015271931	2016203254	2014228414
2014353838	<b><u>A23L 3 /-</u></b>	<b><u>A47L 15 /-</u></b>	2015409412	2016269524	2014358858
<b><u>A01N 43 /-</u></b>	2014351468	2016216254	2017203460	2016304769	2015354848
2014353838	<b><u>A23N 17 /-</u></b>	<b><u>A47L 5 /-</u></b>	2017232208	2017202413	2017210509
	2014345350	2013369217	<b><u>A61K 33 /-</u></b>	2017208298	<b><u>A61K 9 /-</u></b>
		2014201081	2015364595	2017210509	2014215478
		2014201199	<b><u>A61K 35 /-</u></b>	2017213539	2014228414
		2014236698	2014226864	2017219005	2014358858
		2014241134	2014226865	2017202413	2015354848
		2014244359	2014358145	2017208298	2017213539
			2017210509	2017210509	<b><u>A61L 15 /-</u></b>
					2017203460
					2017232208
					<b><u>A61L 2 /-</u></b>
					2015263953
					<b><u>A61L 24 /-</u></b>
					2017201447

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<b><u>A61L 27 /-</u></b>	2016304769	<b><u>A61Q 17 /-</u></b>	2015200441 2015200442	2014321117	<b><u>B66B 9 /-</u></b>
2017203983	<b><u>A61P 29 /-</u></b>	2014222376	<b><u>B29K 305 /-</u></b>	<b><u>B63H 23 /-</u></b>	2014277275
<b><u>A61L 9 /-</u></b>	2014226865 2014358145 2014331964 2015314184 2017203809 2017208298 2017219005	<b><u>A61Q 19 /-</u></b>	2015200441 2015200442	2014321117	<b><u>B66C 1 /-</u></b>
<b><u>A61M 1 /-</u></b>	<b><u>A61P 3 /-</u></b>	2014358145	<b><u>B29K 505 /-</u></b>	<b><u>B63H 25 /-</u></b>	2016210789
2015271931 2016278211	2014236728 2015287833	<b><u>A62D 3 /-</u></b>	2015298575	2014321117	<b><u>B66C 13 /-</u></b>
<b><u>A61M 11 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B01D 53 /-</u></b>	2015200441 2015200442	<b><u>B64C 27 /-</u></b>	2014206206
2015273340	2014226864 2014255326 2014302282 2015314184 2017202413 2017208298 2017219005	2014312438 2015343719 2015361102	<b><u>B29L 31 /-</u></b>	2014344813	<b><u>B66D 1 /-</u></b>
<b><u>A61M 15 /-</u></b>	<b><u>A61P 33 /-</u></b>	<b><u>B01F 13 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>B65B 31 /-</u></b>	2016272434
2015273340 2016222336	2015224876 2016317836	2017201447	2016240880	2014282871	<b><u>B66F 9 /-</u></b>
<b><u>A61M 16 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01F 15 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B65B 69 /-</u></b>	2016210789
2015273340	2013355172 2013362755 2015313782 2015314184 2016219708 2016385393 2017213539	2017201447	2017203460	2014363247	<b><u>C01B 3 /-</u></b>
<b><u>A61M 25 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01J 19 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B65D 25 /-</u></b>	2014312438 2016259682
2013381060 2014237929 2014274892	2014358145 2015305770 2016219708	2016238957	2017202687	2014282871	<b><u>C01B 32 /-</u></b>
<b><u>A61M 27 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B65D 30 /-</u></b>	2016212180
2015271931	2016219708 2016269524 2017219005	2015343719 2015361102	2013364524	2014282871	<b><u>C01B 33 /-</u></b>
<b><u>A61M 3 /-</u></b>	<b><u>A61P 5 /-</u></b>	<b><u>B02C 13 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B65D 35 /-</u></b>	2014339746
2015271931	2014385191	2015209733	2013318051	2014282871	<b><u>C01F 7 /-</u></b>
<b><u>A61M 31 /-</u></b>	<b><u>B27N 3 /-</u></b>	<b><u>B02C 19 /-</u></b>	<b><u>B61H 15 /-</u></b>	<b><u>B65D 77 /-</u></b>	2014339746 2017202102
2017232030	2015289030	2013295573 2014228414	2014402842	2014282871	<b><u>C01G 23 /-</u></b>
<b><u>A61M 5 /-</u></b>	<b><u>B29C 39 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>B61L 7 /-</u></b>	<b><u>B65D 8 /-</u></b>	2014339746
2014248541 2014289352 2016240594 2016269509 2017201447 2017202409 2017232030	2014345771	2014339746	2017202154	2016240880	<b><u>C01G 49 /-</u></b>
<b><u>A61N 1 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B25C 1 /-</u></b>	<b><u>B62D 3 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C02F 1 /-</u></b>
2015321559	2015289030	2016211768	2016211768	2015402519	2016212180
<b><u>A61N 5 /-</u></b>	2014374017	<b><u>B25D 1 /-</u></b>	<b><u>B62D 55 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C05G 3 /-</u></b>
2016211816	2015289237	2015294478	2015294478	2017201447 2017254899	2017248427
<b><u>A61P 1 /-</u></b>	<b><u>B27N 3 /-</u></b>	<b><u>B62D 7 /-</u></b>	<b><u>B62D 7 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C07C 29 /-</u></b>
2013362755 2017219005	2015289030	2016211768	2016211768	2017254899	2016207242
<b><u>A61P 17 /-</u></b>	<b><u>B29C 39 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65H 18 /-</u></b>	<b><u>C07D 207 /-</u></b>
2017210509	2014374017	2014410329	2014410329	2016343057	2016269524
<b><u>A61P 25 /-</u></b>	<b><u>B29C 63 /-</u></b>	<b><u>B63B 49 /-</u></b>	<b><u>B63B 49 /-</u></b>	<b><u>B65H 19 /-</u></b>	<b><u>C07D 213 /-</u></b>
2014368992	2015289237	2014284058	2014284058	2016343057	2015313782
	<b><u>B29C 65 /-</u></b>	<b><u>B63G 7 /-</u></b>	<b><u>B63G 7 /-</u></b>	<b><u>B66B 17 /-</u></b>	<b><u>C07D 217 /-</u></b>
	2015200441 2015200442 2015289237	2017203188	2017203188	2014277275	2015220659
	<b><u>A61Q 15 /-</u></b>	<b><u>B63H 20 /-</u></b>	<b><u>B63H 20 /-</u></b>	<b><u>B66B 23 /-</u></b>	<b><u>C07D 249 /-</u></b>
	2017202102	2014321117	2014321117	2015291347	2016317469
	<b><u>B29K 101 /-</u></b>	<b><u>B63H 21 /-</u></b>	<b><u>B63H 21 /-</u></b>		<b><u>C07D 401 /-</u></b>



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2014233411	<b><u>C08J 5 /-</u></b>	2014243712	<b><u>C22C 21 /-</u></b>	<b><u>E04D 13 /-</u></b>	<b><u>E21B 41 /-</u></b>
2015314184		2014253730			
2016304769	2017203460	2014302282	2016233621	2015382917	2015345046
<b><u>C07D 403 /-</u></b>	<b><u>C08K 13 /-</u></b>	2017202804	<b><u>C22C 38 /-</u></b>	<b><u>E04F 11 /-</u></b>	2015394564
		<b><u>C12N 5 /-</u></b>			<b><u>E21B 43 /-</u></b>
2015313782	2017230351		2015304699	2017203321	
2016317836		2014243712			2015217124
<b><u>C07D 405 /-</u></b>	<b><u>C08K 5 /-</u></b>	2015271689	<b><u>C22C 45 /-</u></b>	<b><u>E05F 15 /-</u></b>	2015345046
	2017230351	2016225076	2016259283	2016262650	2015385841
2015220659		2017248427			2016242769
2015314184	<b><u>C08L 25 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>C22F 1 /-</u></b>	<b><u>E06B 9 /-</u></b>	2016250376
<b><u>C07D 413 /-</u></b>	2017230351	2014236728	2016233621	2016262650	2017216580
		2016208384			2017216581
2014255326	<b><u>C08L 3 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>C23C 16 /-</u></b>	<b><u>E21B 10 /-</u></b>	2017216582
2015313782	2015289030		2017314804	2014281619	<b><u>E21B 47 /-</u></b>
<b><u>C07D 417 /-</u></b>	2017230351	2014358145	<b><u>D01D 5 /-</u></b>	<b><u>E21B 15 /-</u></b>	2015383177
		2015259096			<b><u>E21B 49 /-</u></b>
2014255326	<b><u>C08L 67 /-</u></b>	2017202804	2017232208	2016225949	2015387247
2016317469	2017230351	<b><u>C12Q 1 /-</u></b>	<b><u>D02G 3 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>E21C 27 /-</u></b>
<b><u>C07D 471 /-</u></b>	<b><u>C09J 101 /-</u></b>	2012346540			
	2015289030	2013207385	2016231607	2016225949	2017203063
2014368992		2013229416	<b><u>D04H 3 /-</u></b>	2016242769	
2015224876	<b><u>C09J 103 /-</u></b>	2013337418			<b><u>F01D 11 /-</u></b>
<b><u>C07D 487 /-</u></b>	2015289030	2016326867	2017232208	<b><u>E21B 19 /-</u></b>	2015365825
		<b><u>C12R 1 /-</u></b>	<b><u>D06F 33 /-</u></b>	2016225949	<b><u>F01N 1 /-</u></b>
2014345771	<b><u>C09J 5 /-</u></b>				
<b><u>C07D 498 /-</u></b>	2015289030	2014364034	2014352087	<b><u>E21B 21 /-</u></b>	2013323362
	2017203460	<b><u>C21D 1 /-</u></b>	<b><u>D06F 39 /-</u></b>	2015385841	2015216745
2014255326	<b><u>C09K 3 /-</u></b>			2017216580	
<b><u>C07D 513 /-</u></b>	2015394564	2016259283	2015262218	2017216581	<b><u>F01P 1 /-</u></b>
		<b><u>C21D 8 /-</u></b>	<b><u>D06F 58 /-</u></b>	2017216582	2016210789
2014255326	<b><u>C10G 5 /-</u></b>			<b><u>E21B 23 /-</u></b>	
<b><u>C07H 15 /-</u></b>	2015304699	<b><u>C21D 9 /-</u></b>	2014352087	2015380698	<b><u>F02G 1 /-</u></b>
	2017202136		<b><u>E01F 15 /-</u></b>	2015394564	2015212813
2017219005	<b><u>C10J 3 /-</u></b>	2015304699	2015389793	2016250376	<b><u>F02M 35 /-</u></b>
<b><u>C07H 19 /-</u></b>	2014236647	2016259283	<b><u>E02B 3 /-</u></b>	2017201126	2013323362
		<b><u>C22B 1 /-</u></b>		2017201130	
2017202413	<b><u>C10L 3 /-</u></b>		2014308538	2017201132	<b><u>F04B 35 /-</u></b>
<b><u>C07K 14 /-</u></b>	2015343719	2014339746	<b><u>E02D 5 /-</u></b>	<b><u>E21B 25 /-</u></b>	<b><u>F04B 35 /-</u></b>
		<b><u>C22B 11 /-</u></b>		2015241366	2015212813
2014243712	<b><u>C10L 5 /-</u></b>		2014328454	<b><u>E21B 29 /-</u></b>	<b><u>F04C 29 /-</u></b>
2014253730	2016269064	2014272804	<b><u>E02F 9 /-</u></b>	2015380698	2015216745
2014259474	<b><u>C11C 3 /-</u></b>	<b><u>C22B 21 /-</u></b>		2017201126	
2014302282	2014358145		2015219163	2017201130	<b><u>F04D 29 /-</u></b>
2014369861		2014339746	2015294478	2017201132	2014401338
2016326867	<b><u>C11D 1 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E03C 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	2015365825
<b><u>C07K 16 /-</u></b>	2015419145				
		2014272804	2015371217	2015345046	<b><u>F15B 1 /-</u></b>
2013334583	<b><u>C11D 3 /-</u></b>	2014339746	<b><u>E04B 1 /-</u></b>	2015383112	2014312438
2013353763	2015419145	<b><u>C22B 34 /-</u></b>		2016250376	
2013355172			2014361132	2017201126	<b><u>F16B 12 /-</u></b>
2013370171	<b><u>C12N 1 /-</u></b>	<b><u>C22B 7 /-</u></b>	2015217431	2017201130	2017203321
2014331964	2015259096		2015291347	2017201132	
2015287833	2017248427	2014339746	<b><u>E04B 2 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F16B 7 /-</u></b>
2015305770		2014372796		2015345046	2015217431
2016369407	<b><u>C12N 15 /-</u></b>		2015217431	2015380698	2017203321
2017201499				2015383112	
<b><u>C07K 19 /-</u></b>					
2014243712					

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<b><u>F16C 11 /-</u></b>	<b><u>F41H 1 /-</u></b>	<b><u>G01S 7 /-</u></b>	2017225108	<b><u>H01M 10 /-</u></b>	<b><u>H04L 5 /-</u></b>
2015328276	2015314060	2015244406	<b><u>G06F 19 /-</u></b>	2016318213	2016215287 2017239575
<b><u>F16J 15 /-</u></b>	<b><u>G01C 11 /-</u></b>	<b><u>G01V 1 /-</u></b>	2017201548	<b><u>H01M 2 /-</u></b>	<b><u>H04L 7 /-</u></b>
2014402842 2015365825	2014274508	2014201876 2015387247	<b><u>G06F 3 /-</u></b>	2015394767	2017202338
<b><u>F16J 3 /-</u></b>	<b><u>G01G 19 /-</u></b>	<b><u>G01V 3 /-</u></b>	2016270934 2017254820	<b><u>H01M 8 /-</u></b>	<b><u>H04L 9 /-</u></b>
2015328276	2014206206	2017203188	<b><u>G06K 19 /-</u></b>	2014312438	2015384754
<b><u>F16K 3 /-</u></b>	<b><u>G01H 3 /-</u></b>	<b><u>G01V 5 /-</u></b>	2014274452	<b><u>H01R 12 /-</u></b>	<b><u>H04N 13 /-</u></b>
2014233914	2013403050	2015383177	<b><u>G06K 7 /-</u></b>	2016340742	2016397878
<b><u>F16L 13 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01V 99 /-</u></b>	2014274452	<b><u>H01R 13 /-</u></b>	<b><u>H04N 19 /-</u></b>
2016221894 2017203321	2015387247	2014290779	<b><u>G06K 9 /-</u></b>	2015214352	2014294127 2017201996 2018201305
<b><u>F16L 19 /-</u></b>	<b><u>G01N 11 /-</u></b>	<b><u>G02B 1 /-</u></b>	2016203833 2017254820	2015214352	<b><u>H04N 21 /-</u></b>
2015276353	2014314275	2015331263	<b><u>G06Q 20 /-</u></b>	<b><u>H01R 39 /-</u></b>	2014294127 2014373820 2016256828
<b><u>F16L 37 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02B 5 /-</u></b>	2017200988 2017245444	2017203637	<b><u>H04N 5 /-</u></b>
2013400934	2014281415 2016273394	2015331263 2015382917	<b><u>G06T 7 /-</u></b>	<b><u>H01R 4 /-</u></b>	2014294127 2017254820
<b><u>F16L 55 /-</u></b>	<b><u>G01N 3 /-</u></b>	<b><u>G02B 6 /-</u></b>	2017254820	2015394767	<b><u>H04Q 11 /-</u></b>
2013323362 2015289237	2016253804 2017265118	2014308538	<b><u>G09F 9 /-</u></b>	<b><u>H02K 9 /-</u></b>	2015209170
<b><u>F17C 13 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G02C 11 /-</u></b>	2016247138	2014203414	<b><u>H04S 1 /-</u></b>
2016252093	2017219005	2014227430	<b><u>G09G 3 /-</u></b>	2016240622	2015383608
<b><u>F17C 3 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>	2016262614	<b><u>H02M 7 /-</u></b>	<b><u>H04S 3 /-</u></b>
2016252093	2013370171 2016304896	2014274452 2015331263	<b><u>G10K 11 /-</u></b>	2016381888	2015383608
<b><u>F17C 5 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G02F 1 /-</u></b>	2013323362 2013403050	<b><u>H02P 27 /-</u></b>	2015383608
2014273940 2015212813	2016304896	2016262614	<b><u>G11B 20 /-</u></b>	2016381888	<b><u>H04W 52 /-</u></b>
<b><u>F25B 13 /-</u></b>	<b><u>G01P 1 /-</u></b>	<b><u>G03B 37 /-</u></b>	2013323809 2013323843	<b><u>H03B 5 /-</u></b>	2015205047 2016210694
2016375209	2014284058	2014274508	<b><u>G11B 7 /-</u></b>	2016206585	<b><u>H04W 72 /-</u></b>
<b><u>F25B 45 /-</u></b>	<b><u>G01P 13 /-</u></b>	<b><u>G05B 19 /-</u></b>	2013323809 2013323843	<b><u>H03H 7 /-</u></b>	2016215287
2016375209	2014284058	2015256196	<b><u>H01F 1 /-</u></b>	2015292775	<b><u>H04W 74 /-</u></b>
<b><u>F25B 49 /-</u></b>	<b><u>G01P 5 /-</u></b>	<b><u>G05D 1 /-</u></b>	2017203188	<b><u>H03L 5 /-</u></b>	2016215287
2015389752	2014284058	2014354639	<b><u>H01F 7 /-</u></b>	2016206585	<b><u>H04W 88 /-</u></b>
<b><u>F25J 1 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G06F 11 /-</u></b>	2017203188	<b><u>H03L 7 /-</u></b>	2016215287
2017202136	2014412035	2013329632	2017203188	2016206585	<b><u>H04W 92 /-</u></b>
<b><u>F27B 15 /-</u></b>	<b><u>G01S 11 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>H01H 21 /-</u></b>	<b><u>H04L 1 /-</u></b>	2014227430
2014236647	2016228476	2014318040	2018200784	2015278743 2016215287 2017202338 2017239575	<b><u>H05B 37 /-</u></b>
<b><u>F28D 7 /-</u></b>	<b><u>G01S 3 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>H01L 21 /-</u></b>	<b><u>H04L 12 /-</u></b>	2014285027
2014351468	2015244406 2016228476	2014212780	2014295816	2015256196 2016208326	
<b><u>F28F 9 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>H01L 31 /-</u></b>		
2014351468	2015244406	2014212780 2014373820 2017225107	2014308538		

**Certified Innovation Patents**

**Name Index**

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

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(71) Apple Inc.  
 (11) AU-B-2018100384  
 (21) 2018100384 (22) 28.03.2018  
 (54) Intelligent automated assistant  
 (51) Int. Cl.  
     *G06F 17/28* ( 2006.01 )  
     *G06F 3/16* ( 2006.01 )  
     *G10L 15/18* ( 2013.01 )  
 (45) 13.09.2018  
 (62) 2017101191  
 (72) SADDLER, Harry J.; PIERCY, Aimee  
     T.; WEINBERG, Garrett L.; BOOKER,  
     Susan L.  
 (74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.  
     *A01D 34/78* ( 2006.01 )  
     *H01M 2/10* ( 2006.01 )  
 (45) 13.09.2018  
 (62) 2014411082  
 (72) YANG, James Zhaoyun  
 (74) Griffith Hack

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(71) CCL Secure Pty Ltd  
 (11) AU-B-2018100185  
 (21) 2018100185 (22) 09.02.2018  
 (54) OPTICALLY VARIABLE DEVICE HAV-  
     ING TONAL EFFECT  
 (51) Int. Cl.  
     *B42D 25/40* ( 2014.01 )  
     *B42D 25/30* ( 2014.01 )  
 (45) 13.09.2018  
 (72) Jolic, Karlo Ivan  
 (74) Phillips Ormonde Fitzpatrick

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(71) lavilaer Pty Ltd  
 (11) AU-B-2018100643  
 (21) 2018100643 (22) 15.05.2018  
 (54) Building construction method  
 (51) Int. Cl.  
     *E04B 2/56* ( 2006.01 )  
     *E04B 1/343* ( 2006.01 )  
 (31) 2017903701 (32) 12.09.17 (33) AU  
     2018901613 10.05.18 AU  
 (45) 13.09.2018  
 (72) Jackson, Ian  
 (74) Armour IP

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(71) King Furniture Australia Pty Ltd  
 (11) AU-B-2018100046  
 (21) 2018100046 (22) 11.01.2018  
 (54) A media module  
 (51) Int. Cl.  
     *A47B 97/00* ( 2006.01 )  
     *A47B 81/06* ( 2006.01 )  
     *A47C 7/62* ( 2006.01 )  
     *A47C 17/86* ( 2006.01 )  
 (45) 13.09.2018  
 (62) 2015201499  
 (72) King, David; Levey, John; Lawson, Ry-  
     an  
 (74) FB Rice Pty Ltd

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(71) Techtronic Industries Company Limited  
 (11) AU-B-2018100105  
 (21) 2018100105 (22) 24.01.2018  
 (54) Electric lawn mower

**Numerical Index**

**2018100046** King Furniture Australia Pty Ltd  
**2018100105** Techtronic Industries Company Limited  
**2018100185** CCL Secure Pty Ltd  
**2018100384** Apple Inc.  
**2018100643** Iavilaer Pty Ltd

**IPC Index**

**A01D 34 /-**

2018100105

**A47B 81 /-**

2018100046

**A47B 97 /-**

2018100046

**A47C 17 /-**

2018100046

**A47C 7 /-**

2018100046

**B42D 25 /-**

2018100185

**E04B 1 /-**

2018100643

**E04B 2 /-**

2018100643

**G06F 17 /-**

2018100384

**G06F 3 /-**

2018100384

**G10L 15 /-**

2018100384

**H01M 2 /-**

2018100105

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2015203843 **Bayer B.V.** ( Merial, Inc. )
- 2016231523 **Aimmune Therapeutics, Inc.** ( Dark IP )

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

- 2009347084 **Koninklijke Douwe Egberts B.V.** ( Cantarella Bros Pty Ltd )
- 2009347084 **Koninklijke Douwe Egberts B.V.** ( Cantarella Bros Pty Ltd )

**Patents Granted**

**Standard Patents**

2010306700	2011244897	2011280259	2011384474
2012304544	2012308753	2012310086	2012331139
2012335596	2012356781	2013204798	2013205873
2013205966	2013206125	2013217038	2013217935
2013220749	2013231012	2013234418	2013247485
2013251238	2013252883	2013263220	2013269606
2013270550	2013270591	2013271768	2013276576
2013277997	2013278075	2013281221	2013282319
2013284490	2013292610	2013293097	2013293488
2013296240	2013299986	2013302299	2013302406
2013305471	2013308465	2013308762	2013311227
2013312215	2013323113	2013327116	2013329285
2013331139	2013333673	2013337879	2013337891
2013340418	2013342208	2013342882	2013348009
2013348100	2013353957	2013354899	2013355223
2013357240	2013360946	2013361127	2013361195
2013361252	2013361318	2013361485	2013361586
2013362883	2013362958	2013364047	2013369968
2013371545	2013372395	2013392105	2013400684
2013404615	2014200731	2014200823	2014201041
2014201834	2014202151	2014203069	2014203328
2014206201	2014207408	2014209961	2014210301
2014211728	2014212136	2014213926	2014214802
2014215505	2014215555	2014216501	2014217143
2014217538	2014217611	2014217808	2014218384
2014218599	2014219075	2014220666	2014221468
2014222685	2014223712	2014225381	2014225604
2014227737	2014228883	2014228974	2014229401
2014230444	2014234071	2014235750	2014235816
2014236146	2014239683	2014240101	2014240170
2014243101	2014247054	2014251145	2014253489
2014253669	2014253801	2014254124	2014255324
2014255383	2014255577	2014255586	2014256941
2014259891	2014262357	2014262690	2014264187
2014265017	2014265192	2014265246	2014266004
2014267443	2014268567	2014270269	2014270389
2014270491	2014270508	2014271921	2014272868
2014275362	2014275573	2014277617	2014277623
2014278155	2014278253	2014279808	2014279981
2014279984	2014280899	2014281585	2014284083
2014284118	2014285259	2014288116	2014289969
2014290423	2014290449	2014293819	2014295258
2014296764	2014299437	2014302227	2014302614
2014303411	2014304295	2014304378	2014304562
2014305302	2014306018	2014306597	2014307915
2014311044	2014311319	2014311395	2014311986
2014318429	2014328861	2014331673	2014331799
2014332335	2014332469	2014334472	2014336310
2014337305	2014343957	2014347930	2014348629

**Patents Granted**

**Standard Patents**

2014351071	2014351322	2014353251	2014355153
2014357315	2014360441	2014360947	2014368566
2014371874	2014372808	2014378332	2014393433
2014393640	2014396416	2014403138	2014405785
2014405910	2014406447	2014407025	2014410202
2014410220	2014411657	2014412625	2014413385
2015206566	2015210569	2015213022	2015218673
2015230636	2015232037	2015232637	2015233193
2015238144	2015247057	2015248850	2015250122
2015250514	2015251609	2015252152	2015253649
2015254913	2015254990	2015256157	2015256728
2015267968	2015271104	2015277646	2015277648
2015278917	2015283023	2015283268	2015284526
2015284671	2015285485	2015289475	2015290000
2015294996	2015295618	2015295788	2015297522
2015298224	2015298536	2015301633	2015306825
2015308988	2015316120	2015318061	2015326293
2015327467	2015327930	2015328139	2015328211
2015339107	2015344540	2015348020	2015352605
2015358442	2015359448	2015362611	2015364339
2015366109	2015378886	2015382630	2015383097
2015384782	2015390542	2015391768	2015398727
2015407358	2016200728	2016201877	2016202447
2016202753	2016202767	2016202779	2016203206
2016203253	2016203425	2016203488	2016203588
2016203602	2016203787	2016203789	2016203826
2016204299	2016204428	2016204649	2016204735
2016204920	2016204969	2016206276	2016206280
2016207125	2016208252	2016208339	2016210685
2016216588	2016219569	2016219617	2016223281
2016225813	2016228270	2016228478	2016231463
2016231479	2016231542	2016238963	2016244220
2016244319	2016247235	2016250334	2016251313
2016253560	2016253591	2016253796	2016253805
2016256683	2016259292	2016259433	2016262645
2016262741	2016269444	2016269572	2016273905
2016277591	2016291328	2016293950	2016297810
2016297825	2016304936	2016336031	2016365012
2016418251	2017200237	2017200312	2017200431
2017200622	2017200795	2017200813	2017200853
2017200861	2017200987	2017201088	2017201234
2017201506	2017201560	2017201579	2017201649
2017201668	2017201675	2017201686	2017201766
2017202013	2017202105	2017202254	2017202717
2017202994	2017203054	2017203058	2017203196
2017203382	2017219129	2017254956	2017268489
2017317607	2018202297	2018202562	2018202583
2018202948			

**Innovation Patents**

2014101639	2015101927	2018100747	2018101007
2018101050	2018101071	2018101076	2018101077
2018101078	2018101084	2018101103	2018101112
2018101125	2018101127	2018101128	2018101129
2018101131	2018101132	2018101133	2018101134
2018101135	2018101136	2018101137	2018101138
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2018101147	2018101148	2018101149	2018101150
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2018101170	2018101171	2018101172	2018101173
2018101174	2018101175	2018101176	2018101182
2018101183	2018101184	2018101186	2018101188
2018101189	2018101191	2018101192	2018101194
2018101195			

**Revocation**

It is hereby notified that the offer by the Patentee **Reid, J.; Jones, S.** to surrender Patent 2012100805 which was advertised in the Official Journal of 19.07.2018 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Reid, J.; Jones, S.** to surrender Patent 2012100806 which was advertised in the Official Journal of 19.07.2018 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2001048112 Hewlett-Packard Company The patent has been assigned to **HYPERCOM CORPORATION**

2002341819 E.I.Du Pont De Nemours and Company The patent has been assigned to **FMC Corporation; FMC Agro Singapore Pte. Ltd.**

2002343336 Mardil, Inc. The patent has been assigned to **Phoenix Cardiac Devices, Inc.**

2005270675 Vlaamse Instelling Voor Technologisch Onderzoek (VITO) The patent has been assigned to **BLUE FOOT MEMBRANES NV**

2006341189 Adelaide Research & Innovation Pty Ltd; Hersey, Peter The patent has been assigned to **Hersey, Peter; Coventry, Brendon**

2007227380 Oilfield Mineral Solutions Limited; M-I Production Chemicals UK Limited The patent has been assigned to **M-I Production Chemicals UK Limited; M-I Drilling Fluids U.K. Limited**

2008296170 HallStar Innovations Corp. The patent has been assigned to **HallStar Beauty and Personal Care Innovations Company**

2008296851 Mardil, Inc. The patent has been assigned to **Phoenix Cardiac Devices, Inc.**

2008324800 MedImmune, LLC. The patent has been assigned to **AstraZeneca AB**

2009212273 MedImmune, LLC The patent has been assigned to **AstraZeneca AB**

2009300422 JLO Invest AB The patent has been assigned to **Eco-clime Group AB**

2010273317 Michel Gagner The patent has been assigned to **Bal-last Medical Inc.**

2010289795 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2010290001 Hallstar Innovations Corp. The patent has been assigned to **HallStar Beauty and Personal Care Innovations Company**

2010313335 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2010319846 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2011214615 Alevo International S.A. The patent has been assigned to **Innolith Assets AG**

2011305488 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2012213242 KeyWordLogic Limited The patent has been assigned to **Cloud Trade Technologies Limited**

**Assignments Registered**

2012249903 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2013292246 Driessen Blueberries B.V. The patent has been assigned to **Easy Harvester B.V.**

2013381735 Prelogar, Patsy; Prelogar, Barrett The patent has been assigned to **Piearings, LLC**

2014100312 Lien, Hung The patent has been assigned to **Mor Designs Ltd.**

2014220377 Kyorin Pharmaceutical Co. Ltd.; Novartis AG The patent has been assigned to **Kyorin Pharmaceutical Co. Ltd.**

2014226978 Suntory Beverage & Food Limited The patent has been assigned to **Suntory Holdings Limited**

2015215834 Gagner, Michel The patent has been assigned to **Bal-last Medical Inc.**

2015215877 Honor Metro Limited The patent has been assigned to **Honor Metro Limited**

2015227384 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2015255210 Oasys Water, Inc. The patent has been assigned to **Oasys Water LLC**

2016201181 Mardil, Inc The patent has been assigned to **Phoenix Cardiac Devices, Inc.**

2018101154 Steelvision Pty Ltd The patent has been assigned to **Automated Facade Systems Pty Ltd**

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

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

2017101778 RAKMAN INTERNATIONAL PTY LTD ( FIRE CONTAINMENT PTY LTD )

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

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

2004318997 UGM ADDCAR Systems, LLC ( One Corporate Trust Services Limited )

2006275562 UGM ADDCAR Systems, LLC ( One Corporate Trust Services Limited )

**Discharge of a Mortgage**

2004318997 Discharge of a Mortgage was made in the Register on 04.09.2018 .

2006275562 Discharge of a Mortgage was made in the Register on 04.09.2018 .

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2001294198 **Kyowa Hakko Kirin Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 02 Apr 2018

For the goods FASENRA benralizumab

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

2003212040 **Biocryst Pharmaceuticals, Inc.**

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

For the goods RAPIVAB peramivir

2004233978 **AiCuris Anti-infective Cures GmbH**

The earliest first regulatory approval date provided by the patentee 22 Jun 2018

For the goods PREVYMIS Ietermovir

2013216632 **BioCryst Pharmaceuticals, Inc.**

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

For the goods RAPIVAB peramivir

**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.

2009311496 **Regeneron Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 24 Jan 2018

For the goods DUPIXENT dupilumab (rch)

Address for service : Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**Extensions granted**

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

2013270469 **Mundipharma Pty Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2010

For the goods TARGIN oxycodone hydrochloride / naloxone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 12 May 2025

**Corrigenda**

In Vol 32 , No 33 , Page(s) 4764 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Xflam Pty Ltd, Application No. 2017218451, Under INID (72) add co-inventor Orpin, Murray

In Vol 32 , No 33 , Page(s) 4793 under the heading **Applications Accepted - Name Index** Under the name Qingdao Haier Joint Stock Co., Ltd, Application No. 2015354142, under INID (54) correct the title to read Refrigerator

In Vol 32 , No 34 , Page(s) 4837 under the heading **Amendments - Amendments Made** Under the name Pulmocide Limited, Application No. 2015329789, under INID (72) correct Inventors to read Hunt, Simon Fraser; Onions, Stuart Thomas; Sherbukhin, Vladimir; Fordyce, Euan Alexander Fraser; Murray, Peter John; Brookes, Daniel William; Ito, Kazuhiro; Strong, Peter and Coates, Matthew Stephen

**Corrigenda**

In Vol 32 , No 34 , Page(s) 4865 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name 1,4Group Inc., Application No. 2017222553, under INID (71) correct the applicant name to 1,4Group, Inc.

In Vol 32 , No 34 , Page(s) 4879 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Memorial Sloan-Ketering Cancer Center, Application No. 2017214749, under INID (71) correct the applicant name to Memorial Sloan-Kettering Cancer Center

In Vol 32 , No 34 , Page(s) 4910 under the heading **Applications Accepted - Name Index** Delete all reference to 2014361747.

**Specifications Republished**

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

2010294197 **Velin-Pharma A/S**  
2017248574 **Asia Fastening (US), Inc.; Nucor Corporation**