



**Australian Government**

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**IP Australia**

**Supplement to the  
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) and the Supplement to the 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 & supplement 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**

Australian provisional applications are assigned a 2 letter code followed by 4 digits. This is a unique series of numbers. Australian patent applications are assigned a unique series of 5 digit numbers followed by the year of lodgement at filing. At acceptance the application is assigned a 6 digit number, this again is a unique series of numbers.

1. Provisional Applications are given a 2 letter code followed by 4 unique numbers  
e.g. PR1326
2. Standard Complete applications (including Petty patents) are given a 5 digit number. Followed by the year of lodgement  
e.g. 56490/99
3. At acceptance Standard Completes (including Petty patents) are given a 6 digit number  
e.g. 698745

### Document Numbering in the **Supplement to the Australian Official Journal**

Australian patent applications are assigned a 10 digit number at filing. Each Australian application will retain the same number throughout its life. The first four numbers of the application will be the year of lodgement followed by a unique series of numbers.

1. Provisional Applications are given a 10 digit number, this is the year of lodgement followed by a '9' then a series of unique numbers.  
e.g. 2012907896
2. Standard Complete applications are also given a 10 digit number. Standard Completes are identified by 4 digit year of lodgement followed by a '2' or '3' then a series of unique numbers. Innovations are identified by the 4 digit year of lodgement followed by a '1' then followed by a unique series of numbers.  
e.g. 2011236254 (Standard Complete)  
e.g. 2011158589 (Innovation)

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).

<p><b>NOTE:</b> When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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## 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

*CSR Building Products Limited v James Hardie Technology Limited* [2017] APO 28

Patent Applications: 2006241323 & 2010246457

Title: Fiber Cement Building Materials with Low Density Additives

Patent Applicant: James Hardie Technology Limited

Opponent: CSR Building Products Limited

Delegate: M. G. Kraefft

Decision Date: 8 June 2017

Hearing Date: Written submissions completed on 26 May 2017

Catchwords: **PATENTS** – section 59 - final determination – amendments overcame defects identified in previous decision – whether amendments introduced new deficiencies - amendments have not introduced new deficiencies – both applications proceed to grant.

Representation: Patent attorney for the applicant: Shelston IP.  
Patent attorney for the opponent: Griffith Hack.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*NSL Engineering Pte Ltd v Australian Mobile Mining Equipment Systems and Accessories Pty. Limited*  
[2017] APO 29

Patent Application: 2013202231

Title: Apparatus for handling containers

Patent Applicant: Australian Mobile Mining Equipment Systems and Accessories Pty. Limited

Opponent: NSL Engineering Pte Ltd

Delegate: Ed Knock

Decision Date: 13 June 2017

Hearing Date: 22 March 2017, in Canberra

Catchwords: **PATENTS** - section 59 – opposition to grant of patent – shipping container tippler – whether claims fairly based – whether the invention useful - whether claimed invention was novel – whether claimed invention had inventive step – ground of novelty only ground upheld – a number of claims not novel – applicant allowed an opportunity to amend.

Representation: Counsel for the applicant: Ian Horak  
Patent attorney for the applicant: Catherine Hustwick of Australian Patent & Trademark Services Pty Ltd, Sydney  
Also present for the applicant: Murray Bridle  
Counsel for the opponent: Craig Smith  
Also present for the opponent: Cameron Hay

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 6 Jun 2017 .

(71) Adams, S.; Whimpey, N. (21) 2017902226 (22) 12.06.2017 (54) System and Method for Assisting a User in Making Selections	(71) Aurora Labs Limited (21) 2017902153 (22) 06.06.2017 (54) 3D PRINTING METHOD AND APPARATUS	(71) BFRE Pty Ltd (21) 2017902229 (22) 12.06.2017 (54) Formboard design and installation
(71) AIRES PTY. LTD. (21) 2017902170 (22) 07.06.2017 (54) ULTRA-VIOLET SYSTEM TO MEASURE SULPHUR DIOXIDE GAS EMISSIONS	(71) Aurora Labs Limited (21) 2017902154 (22) 06.06.2017 (54) POWDER CANISTER AND METHOD FOR MANUFACTURING SAME	(71) Boggarapu, R. (21) 2017902157 (22) 06.06.2017 (54) Establish safer roads by controlling traffic offences using a website/ mobile app and a little help from government
(71) Alerte Digital Sport Pty Ltd (21) 2017902212 (22) 09.06.2017 (54) SYSTEMS AND METHODS OF PRE-DICTION OF INJURY RISK WITH A TRAINING REGIME	(71) Aurora Labs Limited (21) 2017902156 (22) 06.06.2017 (54) 3D PRINTING METHOD AND APPARATUS	(71) Breville Pty Limited (21) 2017902169 (22) 07.06.2017 (54) Puck Removal Device
(71) Aschenbrenner, D. (21) 2017902202 (22) 09.06.2017 (54) Tool-less assembly table structure	(71) Australian Wool Innovation Limited (21) 2017902180 (22) 07.06.2017 (54) LONG RANGE WIRELESS MONITORING SYSTEMS	(71) Campbell, S. (21) 2017902168 (22) 07.06.2017 (54) Loss control valve apparatus for fluid losses control during installation of the lower wellbore completion
(71) A SHIPP & S.M SHIPP (21) 2017902191 (22) 08.06.2017 (54) A portable solar-powered LED stock warning system is disclosed. The stock warning system is placed on the side of the road whilst stock is being moved. Each sign comprises a solar panel and a communication unit to set a timer for when stock is being moved on the road and a traffic signal lamp to warn on-coming traffic. The sign is illuminated to alert drivers that stock is being transported on the road and to give way.	<b>Bai, F. see Yan, R.</b> (21) 2017902165	(71) CBRE Inc. (21) 2017902175 (22) 07.06.2017 (54) Improved Online Ordering
(71) Aurora Labs Limited (21) 2017902152 (22) 06.06.2017 (54) APPARATUS AND PROCESS FOR FORMING POWDER	(71) bargain hunt (21) 2017902182 (22) 08.06.2017 (54) Abbas Choueib founder of bargain hunter. A website/application were all items on special can be viewed by people with application.	(71) Cooler Torch and Light Products Pty Ltd (21) 2017902227 (22) 12.06.2017 (54) A Beverage Container Holder
	(71) Bell, M. (21) 2017902161 (22) 06.06.2017 (54) Sea accommodation & an online booking platform to bring two parties together for accommodation services on vessels in smooth and partially smooth waters. Whereby the vessel owner or a person with equivalent knowledge in both the manageability and safety of the vessel is the main operator.	<b>Coyte, D. see Coyte, O.</b> (21) 2017902198
		(71) Coyte, O.; Coyte, D. (21) 2017902198 (22) 08.06.2017 (54) An Anti-Snoring Device
		<b>Cross, R. see Hughes, B.</b> (21) 2017902155

Provisional Applications Filed - Name Index cont'd

(71) Culley, B.  
(21) 2017902194 (22) 08.06.2017  
(54) Building Pod

(71) Curtis, P.  
(21) 2017902185 (22) 08.06.2017  
(54) New Structural Insulation Material

**Devereaux, N. see Skec, A.**  
(21) 2017902167

(71) DMTC Limited  
(21) 2017902189 (22) 08.06.2017  
(54) Forming Apparatus and Process

(71) Doak, J.  
(21) 2017902171 (22) 07.06.2017  
(54) Improved hot water storage and method

**Donnelly, A. see The Trustee for The Andrew Donnelly Family Trust**  
(21) 2017902163

(71) E & K Escott Holdings Pty Ltd  
(21) 2017902213 (22) 09.06.2017  
(54) IMPROVEMENTS TO ARTIFICIALLY INTELLIGENT AGENTS

(71) FIBO TECH COMPANY PTY LTD  
(21) 2017902217 (22) 10.06.2017  
(54) Fence Wire Fixing System

**Findlater, K. see Findlater, M.**  
(21) 2017902228

(71) Findlater, M.; Findlater, K.  
(21) 2017902228 (22) 12.06.2017  
(54) A Remote Vehicle Trailer Command Linkage

(71) Garrett, S.  
(21) 2017902211 (22) 09.06.2017  
(54) A temporary power supply

(71) Geary, G.  
(21) 2017902201 (22) 09.06.2017  
(54) Data protection methods and systems

(71) Gizmo 3D Printers Pty Ltd  
(21) 2017902222 (22) 12.06.2017  
(54) An anti-wobble plate system for a computer controlled manufacturing process

(71) Glencore Technology Pty Ltd  
(21) 2017902196 (22) 08.06.2017  
(54) Leaching Process

(71) GMDx Co Pty Ltd  
(21) 2017902147 (22) 06.06.2017  
(54) Methods for predicting the likelihood of hepatitis B virus recrudescence

(71) GMDx Co Pty Ltd  
(21) 2017902148 (22) 06.06.2017  
(54) Methods for detecting aberrant deaminase activity

(71) Go Medical Industries Pty Ltd  
(21) 2017902160 (22) 06.06.2017  
(54) New Therapeutic Treatment Combination

(71) Good, J.  
(21) 2017902224 (22) 12.06.2017  
(54) Temporary garment alteration device

(71) Gordon, M.  
(21) 2017902174 (22) 07.06.2017  
(54) Property Management and BDM Virtual employee

(71) HOLMEFIELD PTY. LTD.  
(21) 2017902223 (22) 12.06.2017  
(54) INTERCHANGEABLE LENS SYSTEM FOR WOODEN FRAMED EYE-GLASSES

(71) HOVERSHOT PTY. LTD.  
(21) 2017902231 (22) 12.06.2017  
(54) System and method for providing an online marketplace and content sharing platform.

(71) Hughes, B.; Cross, R.  
(21) 2017902155 (22) 06.06.2017  
(54) Ocean Gyre Rubbish Recycle Vessel, (OGRR)

(71) Illinois Tool Works Inc.  
(21) 2017902177 (22) 07.06.2017  
(54) Improved nail plate and its method of manufacture

(71) Imugene Pty Ltd  
(21) 2017902188 (22) 08.06.2017  
(54) New Therapeutic Methods for Treating Proliferative Disorders

**Ineson, L. see Ineson, M.**  
(21) 2017902178

(71) Ineson, M.; Ineson, L.  
(21) 2017902178 (22) 07.06.2017  
(54) A RETAINING WALL ARRANGEMENT

(71) Ixom Watercare, Inc.  
(21) 2017902179 (22) 07.06.2017  
(54) System and method for selectively harvesting storage water

(71) Lester, L.  
(21) 2017902230 (22) 12.06.2017  
(54) Weight recognition software app for camera phones using spatial technology.

(71) Logic Engineering Pty Ltd  
(21) 2017902193 (22) 08.06.2017  
(54) A METHOD FOR TRAINING AND A SYSTEM FOR TRAINING

(71) Lulu L'Amour Pty Ltd  
(21) 2017902187 (22) 08.06.2017  
(54) Method of Applying a Decorative Layer to a Shoe and a Shoe Decorated by the Method

(71) Lyons, M.  
(21) 2017902190 (22) 08.06.2017  
(54) Rotary Air-Flow Generator

(71) Mesoblast International Sarl  
(21) 2017902200 (22) 09.06.2017  
(54) Method of preparing a cell composition

(71) Millanta, L.  
(21) 2017902197 (22) 08.06.2017  
(54) SYSTEM AND METHOD FOR AUTOMATING THE CREATION OF WAGER GAMES

(71) Miller, D.  
(21) 2017902166 (22) 07.06.2017  
(54) A system for geotargeted inter-mobile communication device data transmissions

(71) MLD & Co. Pty Ltd  
(21) 2017902204 (22) 09.06.2017  
(54) COSMETICS RETRIEVAL DEVICE

(71) Monash University  
(21) 2017902172 (22) 07.06.2017  
(54) Method of Electrochemical Conversion of CO2

(71) Neom Safe Pty Ltd  
(21) 2017902216 (22) 10.06.2017  
(54) Electrical Coupling Assembly

Provisional Applications Filed - Name Index cont'd

(71) Nepean Conveyors Pty Ltd  
 (21) 2017902203 (22) 09.06.2017  
 (54) Relocatable assembly, and, method of installing/decommissioning a relocatable assembly

(71) ONESTEEL WIRE PTY LIMITED  
 (21) 2017902173 (22) 07.06.2017  
 (54) FENCE INSTALLATION SYSTEM

(71) Rainbeater Pty Ltd  
 (21) 2017902181 (22) 07.06.2017  
 (54) Hovering Drying Machine Mk 4

(71) Rapid Dry Towels Limited  
 (21) 2017902176 (22) 07.06.2017  
 (54) Rapid Dry Towel

(71) ResApp Health Limited  
 (21) 2017902184 (22) 08.06.2017  
 (54) IMPROVEMENTS TO METHODS AND APPARATUS

(71) Russell Mineral Equipment Pty Ltd  
 (21) 2017902225 (22) 12.06.2017  
 (54) MILL LINER REMOVAL SYSTEM

(71) Schenck Process Australia Pty Ltd  
 (21) 2017902146 (22) 06.06.2017  
 (54) Mining Screening Panel Fixing System

(71) Scullion, M.  
 (21) 2017902218 (22) 11.06.2017  
 (54) Roll Up Fence

(71) Sealeaf, C.  
 (21) 2017902164 (22) 07.06.2017  
 (54) A powder that produces a sanitary foam when it is placed, poured or sprinkled into the water, inside a toilet bowl prior to a human excreting. This sanitary foam reduces noise from bodily fluids and solids, contacting the water in the toilet bowl. The sanitary foam also cleans, reduces limescale and emits a fragrance when it is introduced to the toilet water present in the toilet bowl.

(71) Skec, A.; Devereaux, N.  
 (21) 2017902167 (22) 07.06.2017  
 (54) Fog cannon controller

(71) Sports Performance Tracking Pty. Ltd.  
 (21) 2017902149 (22) 06.06.2017  
 (54) Time segmentation

(71) Sports Performance Tracking Pty. Ltd.  
 (21) 2017902150 (22) 06.06.2017  
 (54) Tracking device architecture

(71) Stevens, M.  
 (21) 2017902206 (22) 09.06.2017  
 (54) A server for multimode user profile matching

(71) Stuart, C.  
 (21) 2017902158 (22) 06.06.2017  
 (54) Remote Control Holder

(71) Tefaye, J.  
 (21) 2017902221 (22) 11.06.2017  
 (54) A New One Piece Integrated BBQ Charcoal Lighting System

(71) Telix Pharmaceuticals Limited  
 (21) 2017902209 (22) 09.06.2017  
 (54) Theranostic and/or multi-modal therapeutic radiopharmaceuticals

(71) The Trustee for The Andrew Donnelly Family Trust; Donnelly, A.  
 (21) 2017902163 (22) 07.06.2017  
 (54) SMS Link

(71) The University of Melbourne  
 (21) 2017902151 (22) 06.06.2017  
 (54) Radiopharmaceuticals, radioimaging agents, and uses thereof

(71) The University of Queensland  
 (21) 2017902192 (22) 08.06.2017  
 (54) Improved process and system for solving electromagnetic inverse problems

(71) TOTAL BLASTHOLE SOLUTIONS PTY LTD  
 (21) 2017902159 (22) 06.06.2017  
 (54) A METHOD AND APPARATUS FOR DEWATERING, LINING AND DEPOSITING BULK EXPLOSIVE INTO A BLAST HOLE IN A SINGLE PASS

(71) Trailer Link Pty Ltd  
 (21) 2017902210 (22) 09.06.2017  
 (54) INDUCTIVE POWERED COUPLING DEVICE FOR REPLACING STANDARD PLUG AND SOCKET RELATED TO TRAILER SIGNAL LAMPS

(71) Tuff Tonneaus Wholesale Pty Ltd  
 (21) 2017902195 (22) 08.06.2017  
 (54) Systems for Support Bars of Tonneau Covers

(71) Wexselblatt, C.  
 (21) 2017902205 (22) 09.06.2017  
 (54) Cable Tidy - this invention allows for a neat finish when installing motorised window coverings

(71) WHEEN, A.  
 (21) 2017902199 (22) 08.06.2017  
 (54) Water Storage and Transport System

Whimpey, N. see Adams, S.  
 (21) 2017902226

Witham, M. see Witham, C.  
 (21) 2017902071

(71) Witham, C.; Witham, M.  
 (21) 2017902071 (22) 31.05.2017  
 (54) ADframe or Bub's Frame (Working Title) enables the implementation of a way to use the outer areas of the live screen area that borders or frames a website, blog webpage etc., Up until now everyone ignores it or covers it up when they click full screen or it is seen as dead or inactive area or just a background to their webpages. Now it is usable in a few clicks. With Adframe it can be enabled, accessed and utilised in endless limitless ways. This is what Adframe does. Any code can be added. Even third parties can be give access to add code remotely without disturbing the webowner or admin.

(71) Worth, B.  
 (21) 2017902207 (22) 09.06.2017  
 (54) Harsh environment differential pressure monitor

(71) Woven Image Pty Limited  
 (21) 2017902214 (22) 09.06.2017  
 (54) System For Removable Mounting of Panels to Surfaces

(71) XNOVA PTY LTD  
 (21) 2017902183 (22) 08.06.2017  
 (54) MR system and method using concomitant field measurement

(71) Yan, R.; Bai, F.  
 (21) 2017902165 (22) 07.06.2017  
 (54) ESTIMATING TAP POSITION IN A STEP VOLTAGE REGULATOR

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2017902159	TOTAL BLASTHOLE SOLUTIONS PTY LTD		
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2017902163	The Trustee for The Andrew Donnelly Family Trust; Donnelly, A.		
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2017902213	E & K Escott Holdings Pty Ltd		
2017902214	Woven Image Pty Limited		

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Applications listed below were processed through the Patent Office Canberra during the period ending 6 Jun 2017 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2017203828 (22) 06.06.2017 (54) System for monitoring temperature of electrical conductor (62) 2013388629</p> <hr/> <p>(71) 3V DEVELOPMENT AUSTRALIA PTY LTD (21) 2017203858 (22) 07.06.2017 (54) Anti-counterfeit watermarks printed or stamped on Tin Foil Seal</p> <hr/> <p>(71) Abon Pharmaceuticals, LLC (21) 2017203861 (22) 07.06.2017 (54) Oral Transmucosal Drug Delivery System (62) 2013344654</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2017203826 (22) 06.06.2017 (54) LEARNING BASED ROUTING OF SERVICE REQUESTS (31) 201641021571 (32) 23.06.16 (33) IN</p> <hr/> <p>(71) Albert, C. (21) 2017203800 (22) 06.06.2017 (54) Voice message warning device for the driver of a motor vehicle (31) 2016902295 (32) 14.06.16 (33) AU</p> <hr/> <p>(71) AlderBio Holdings LLC (21) 2017203890 (22) 08.06.2017 (54) Anti-CGRP compositions and use thereof (62) 2012258966</p> <hr/> <p>(71) Ampelite Australia Pty Limited (21) 2017203846 (22) 07.06.2017 (54) A Washer for use with a Winged Fastener (31) 720944 (32) 09.06.16 (33) NZ</p> <hr/> <p>(71) AMS Research Corporation (21) 2017203879 (22) 08.06.2017 (54) Surgical articles and methods (62) 2011220816</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2017203842 (22) 07.06.2017</p>	<p>(54) PACKING BOX FOR SHUFFLED PLAYING CARDS (62) 2012387314</p> <hr/> <p>(71) Apple Inc. (21) 2017203847 (22) 07.06.2017 (54) Using context information to facilitate processing of commands in a virtual assistant (62) 2015203483</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017203863 (22) 07.06.2017 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2015202078</p> <hr/> <p><b>Autonomous Solutions, Inc. see CNH Industrial America LLC</b> (21) 2017203875</p> <hr/> <p><b>Autonomous Solutions, Inc. see CNH Industrial America LLC</b> (21) 2017203876</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2017203843 (22) 07.06.2017 (54) DUAL-FUNCTION SENSORS FOR A BASKET CATHETER (31) 15/177,775 (32) 09.06.16 (33) US</p> <hr/> <p>(71) Boehringer Ingelheim Vetmedica GmbH (21) 2017203887 (22) 08.06.2017 (54) Improved pharmaceutical compositions of pimobendan (62) 2014359427</p> <hr/> <p>(71) Bolton, L. (21) 2017203872 (22) 08.06.2017 (54) Improved Tap</p> <hr/> <p>(71) BOOLAH HOLDINGS PTY LIMITED; TIGHE, S.; TIGHE, L. (21) 2017203856 (22) 07.06.2017 (54) MEASURING INSECT INFESTATION INTENSITY IN STORED GRAIN (31) 2016902262 (32) 10.06.16 (33) AU</p> <hr/> <p>(71) Bracco Imaging S.p.A. (21) 2017203853 (22) 07.06.2017</p>	<p>(54) VALIDATION TECHNIQUES FOR FLUID DELIVERY SYSTEMS (62) 2013353762</p> <hr/> <p>(71) Cequent Performance Products, Inc (21) 2017203868 (22) 08.06.2017 (54) Current sensing electrical converter (62) 2015258190</p> <hr/> <p>(71) City of Hope (21) 2017203871 (22) 08.06.2017 (54) MEDITOPES AND MEDITOPE-BINDING ANTIBODIES AND USES THEREOF (62) 2012321301</p> <hr/> <p>(71) CNH Industrial America LLC; Autonomous Solutions, Inc. (21) 2017203875 (22) 08.06.2017 (54) Antenna mounting arrangement for an off-road vehicle (31) 15/178,730 (32) 10.06.16 (33) US</p> <hr/> <p>(71) CNH Industrial America LLC; Autonomous Solutions, Inc. (21) 2017203876 (22) 08.06.2017 (54) Planning and control of autonomous agricultural operations (31) 15/179,669 (32) 10.06.16 (33) US</p> <hr/> <p>(71) CNH Industrial America LLC (21) 2017203877 (22) 08.06.2017 (54) Control interface on an autonomous work vehicle (31) 15/179,494 (32) 10.06.16 (33) US</p> <hr/> <p>(71) CNH Industrial America LLC (21) 2017203878 (22) 08.06.2017 (54) Removable panel on an autonomous work vehicle (31) 15/179,146 (32) 10.06.16 (33) US</p> <hr/> <p>(71) Cornell University (21) 2017203883 (22) 08.06.2017 (54) Metal and ceramic nanofibers (62) 2012301877</p> <hr/> <p>(71) Coulter, L. (21) 2017203854 (22) 07.06.2017 (54) System for trimming and recycling trees, shrubs or the like (31) 2016902246 (32) 09.06.16 (33) AU</p>
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<p>(71) Covidien LP (21) 2017203869 (22) 08.06.2017 (54) Endoscopic reposable surgical clip applier (31) 62/360,498 (32) 11.07.16 (33) US 15/606,366 26.05.17 US</p>	<p>(54) RESPIRATORY MASK SEALING INTERFACE (62) 2015202377</p>	<p>(54) Laundry treatment apparatus and method of controlling the same (31) 10-2016-0071300 (32) 08.06.16 (33) KR 10-2016-0071301 08.06.16 KR 10-2016-0071302 08.06.16 KR 62/420,575 11.11.16 US</p>
<p>(71) Dallmeier Electronic GmbH &amp; Co. KG (21) 2017203852 (22) 07.06.2017 (54) SYSTEM AND METHOD FOR DETECTING AND ANALYZING VIDEO DATA RELATING TO THE COURSE OF A GAME ON A GAMBLING TABLE IN CASINOS</p>	<p>(71) Goodwin, G. (21) 2017203844 (22) 07.06.2017 (54) Auxiliary Windscreen Washer Reservoir System (62) 2013395953</p>	<p>(71) Li-Cor, Inc. (21) 2017203855 (22) 07.06.2017 (54) Application of reduced dyes in imaging (62) 2012312041</p>
<p>(71) Day, T. (21) 2017203873 (22) 08.06.2017 (54) MARINE VESSEL WITH MOVING CABIN (31) 15/178,214 (32) 09.06.16 (33) US</p>	<p>(71) Gualco, M. (21) 2017203836 (22) 07.06.2017 (54) PROCESS FOR INSTALLATION OF ANCHOR DEVICES AND APPARATUS FOR CARRYING OUT SUCH PROCESS (62) 2013395953</p>	<p>(71) Mannkind, Corp (21) 2017203860 (22) 07.06.2017 (54) Formation of N-protected bis-3,6-(4-aminoalkyl)-2,5-diketopiperazine (62) 2012214592</p>
<p>(71) De Angelis, N. (21) 2017203882 (22) 08.06.2017 (54) Integrated process for the production of biofuels from different types of starting materials and related products (62) 2015202786</p>	<p>(71) Illinois Tool Works Inc. (21) 2017203885 (22) 08.06.2017 (54) Transfer of racking forces through a truss in a wall plane (62) 2011205080</p>	<p><b>MCLACHLAN, M. see MCLACHLAN, M.</b> (21) 2017203830</p>
<p>(71) Dolby International AB (21) 2017203820 (22) 06.06.2017 (54) Method and device for rendering an audio soundfield representation for audio playback (62) 2013292057</p>	<p>(71) ImThera Medical, Inc. (21) 2017203850 (22) 07.06.2017 (54) Lead splitter for neurostimulation systems (62) 2014226176</p>	<p>(71) MCLACHLAN, M.; MCLACHLAN, M. (21) 2017203830 (22) 06.06.2017 (54) HANDHELD TOUCH OBJECT (31) 62/495,418 (32) 13.09.16 (33) US</p>
<p>(71) Dow AgroSciences LLC (21) 2017203832 (22) 06.06.2017 (54) Optimal soybean loci (62) 2014341925</p>	<p>(71) Intel Corporation (21) 2017203829 (22) 06.06.2017 (54) STREAMING WITH COORDINATION OF VIDEO ORIENTATION (CVO) (62) 2016200390</p>	<p>(71) Milux Holding S.A. (21) 2017203862 (22) 07.06.2017 (54) Stimulation of sexually responsive tissue of the vulva (62) 2009301392</p>
<p>(71) Elot, Inc. (21) 2017203857 (22) 07.06.2017 (54) A system and a method for operating on-line state lottery games (62) 2015249191</p>	<p>(71) Intel Corporation (21) 2017203841 (22) 07.06.2017 (54) INTER-RAT COVERAGE DETERMINATION FOR ENERGY SAVING MANAGEMENT (62) 2016200252</p>	<p>(71) MTD Products Inc. (21) 2017203839 (22) 07.06.2017 (54) SPEED CONTROL ASSEMBLY FOR A SELF-PROPELLED WALK-BEHIND LAWN MOWER (62) 2012333044</p>
<p>(71) Facebook, Inc. (21) 2017203859 (22) 07.06.2017 (54) Pushing suggested search queries to mobile devices (62) 2016201243</p>	<p>(71) Kabushiki Kaisha Toshiba (21) 2017203838 (22) 07.06.2017 (54) Carbon dioxide capturing system and exhaust gas processing method (31) 2016-130780 (32) 30.06.16 (33) JP</p>	<p>(71) Optimedica Corporation (21) 2017203889 (22) 08.06.2017 (54) METHOD AND APPARATUS FOR PATTERNED PLASMA-MEDIATED LASER TREPINATION OF THE LENS CAPSULE AND THREE DIMENSIONAL PHACO-SEGMENTATION (62) 2016203089</p>
<p><b>FF Seeley Nominees Pty Ltd see Seeley International Pty Ltd</b> (21) 2017203759</p>	<p><b>King, J. see King Technology</b> (21) 2017203867</p>	<p>(71) Outotec (Finland) Oy (21) 2017203831 (22) 06.06.2017 (54) A method of making a lifter bar, a refurbished lifter bar and a mould (62) 2014255572</p>
<p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2017203821 (22) 06.06.2017</p>	<p>(71) King Technology; King, J. (21) 2017203867 (22) 08.06.2017 (54) MULTI-STAGE DISPENSERS (62) 2013368629</p>	<p>(71) Platinum Blasting Services (21) 2017203886 (22) 08.06.2017 (54) Dyes for Explosives (31) 2016902254 (32) 09.06.16 (33) AU</p>
	<p>(71) LG Electronics Inc. (21) 2017203834 (22) 07.06.2017</p>	<p>(71) Reckitt &amp; Colman (Overseas) Limited (21) 2017203825 (22) 06.06.2017</p>

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(54) Device for evaporating a volatile material  
 (62) 2013301349

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(71) Regents of the University of Minnesota  
 (21) 2017203822 (22) 06.06.2017  
 (54) Compositions and methods for transplantation of colon microbiota  
 (62) 2012225305

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(71) Robertson Engineering Limited  
 (21) 2017203888 (22) 08.06.2017  
 (54) METHOD OF MANUFACTURING A FENCE STANDARD  
 (31) 720970 (32) 08.06.16 (33) NZ

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(71) RX-SAFE, LLC  
 (21) 2017203848 (22) 07.06.2017  
 (54) Pharmaceutical storage and retrieval system and methods of storing and retrieving pharmaceuticals  
 (62) 2016200803

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(71) Seattle Genetics, Inc.  
 (21) 2017203851 (22) 07.06.2017  
 (54) Humanized antibodies to LIV-1 and use of same to treat cancer  
 (62) 2011338480

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(71) Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd  
 (21) 2017203759 (22) 02.06.2017  
 (54) Support for Roof Top Utility  
 (62) 2013205661

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(71) Seminis Vegetable Seeds, Inc.  
 (21) 2017203874 (22) 08.06.2017  
 (54) WATERMELON LINE TSB-146-1170  
 (31) 15/178,557 (32) 09.06.16 (33) US

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(71) Showa Best Glove, Inc.  
 (21) 2017203880 (22) 08.06.2017  
 (54) Biodegradable compositions, methods and uses thereof  
 (62) 2013308739

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(71) Southern Mills, Inc.  
 (21) 2017203866 (22) 08.06.2017  
 (54) FLAME RESISTANT FABRICS AND GARMENTS MADE FROM SAME  
 (62) 2015201105

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(71) Strix Limited  
 (21) 2017203840 (22) 07.06.2017  
 (54) Electrical water heating appliances  
 (62) 2012220406

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(71) Sunesis Pharmaceuticals, Inc.  
 (21) 2017203865 (22) 08.06.2017  
 (54) METHOD OF PREPARING (+)-1,4-DIHYDRO-7-[(3S,4S)-3-

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 (62) 2015205924

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(71) The Brigham and Women's Hospital, Inc.  
 (21) 2017203870 (22) 08.06.2017  
 (54) NANOSCALE PLATINUM COMPOUNDS AND METHODS OF USE THEREOF  
 (62) 2015215843

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(71) TIANJIN TAIYANGSHEN TECHNOLOGY CO., LTD.  
 (21) 2017203849 (22) 07.06.2017  
 (54) Solar reflecting and condensing device using thin film  
 (62) 2015215858

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 (21) 2017203856

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 (21) 2017203856

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(71) Trividia Healthcare Systems, LLC  
 (21) 2017203881 (22) 08.06.2017  
 (54) DEVICE AND METHOD FOR DISPENSING FLUID FROM AN INFUSION PUMP  
 (62) 2013297012

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(71) Uber Technologies, Inc.  
 (21) 2017203891 (22) 08.06.2017  
 (54) SYSTEM AND METHOD FOR ARRANGING TRANSPORT AMONGST PARTIES THROUGH USE OF MOBILE DEVICES  
 (62) 2015202596

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(71) United States Postal Service  
 (21) 2017203845 (22) 07.06.2017  
 (54) LOCALIZED DATA AFFINITY SYSTEM AND HYBRID METHOD  
 (62) 2015213359

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(71) Vanguard Identification Systems, Inc.  
 (21) 2017203837 (22) 07.06.2017  
 (54) Electronic Luggage ID Tag  
 (31) 62/346,824 (32) 07.06.16 (33) US

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(71) vTv Therapeutics LLC  
 (21) 2017203835 (22) 07.06.2017  
 (54) GLUCOKINASE ACTIVATOR COMPOSITIONS FOR THE TREATMENT OF DIABETES  
 (62) 2013262895

(71) Wright Medical Technology, Inc.  
 (21) 2017203833 (22) 06.06.2017  
 (54) Circular fixator system and method  
 (62) 2014306277

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(71) Xlumena, Inc.  
 (21) 2017203884 (22) 08.06.2017  
 (54) Devices and methods for forming an anastomosis  
 (62) 2014218701

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(71) Zest IP Holdings LLC  
 (21) 2017203864 (22) 08.06.2017  
 (54) FIXED DETACHABLE DENTAL ATTACHMENT DEVICE, ASSEMBLY AND METHODS OF USING THE SAME  
 (62) 2012267925

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<b>2017203861</b>	Abon Pharmaceuticals, LLC		
<b>2017203862</b>	Milux Holding S.A.		
<b>2017203863</b>	Aristocrat Technologies Australia Pty Limited		
<b>2017203864</b>	Zest IP Holdings LLC		
<b>2017203865</b>	Sunesis Pharmaceuticals, Inc.		
<b>2017203866</b>	Southern Mills, Inc.		
<b>2017203867</b>	King Technology; King, J.		
<b>2017203868</b>	Cequent Performance Products, Inc		
<b>2017203869</b>	Covidien LP		
<b>2017203870</b>	The Brigham and Women's Hospital, Inc.		
<b>2017203871</b>	City of Hope		
<b>2017203872</b>	Bolton, L.		
<b>2017203873</b>	Day, T.		
<b>2017203874</b>	Seminis Vegetable Seeds, Inc.		
<b>2017203875</b>	CNH Industrial America LLC; Autonomous Solutions, Inc.		
<b>2017203876</b>	CNH Industrial America LLC; Autonomous Solutions, Inc.		
<b>2017203877</b>	CNH Industrial America LLC		
<b>2017203878</b>	CNH Industrial America LLC		
<b>2017203879</b>	AMS Research Corporation		
<b>2017203880</b>	Showa Best Glove, Inc.		
<b>2017203881</b>	Trividia Healthcare Systems, LLC		
<b>2017203882</b>	De Angelis, N.		
<b>2017203883</b>	Cornell University		
<b>2017203884</b>	Xlumena, Inc.		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 6 Jun 2017 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

		62/397,860	21.09.16	US	(71) Camm, A. (21) 2017100658 (22) 06.06.2017 (54) MULTIPURPOSE BELT BUCKLE
(71) A.J TEER & G.M TEER (21) 2017100663 (22) 06.06.2017 (54) .To collect photos of individuals or pets with or without their names attached for a set price to create a collection in digital, hard-drive or any book form and to raise money for charities and or Aboriginal non-profit organisations in the process.	(71) Apple Inc. (21) 2017100684 (22) 31.05.2017 (54) User interface for camera effects (31) 62/349,059 (32) 12.06.16 (33) US 62/397,860 21.09.16 US 62/384,140 06.09.16 US				(71) Clearpro Construction Water Solutions Pty Ltd (21) 2017100635 (22) 30.05.2017 (54) IN LINE WATER TREATMENT
(71) Apple Inc. (21) 2017100636 (22) 31.05.2017 (54) Application integration with a digital assistant (31) PA 2016 70563 (32) 28.07.16 (33) DK PA 2016 70562 28.07.16 DK 62/348,929 11.06.16 US PA 2016 70564 28.07.16 DK PA 2016 70540 19.07.16 DK	(71) Batten, M. (21) 2017100649 (22) 02.06.2017 (54) HELLO PROCESS IS A DIGITAL DECLARATION OF IDENTITY CAPTURE by a target individual OF AN ALIVE FACE WITH PHOTO ID RESULTING IN AN ENCRYPTED AND SECURE HIGH DEFINITION IDENTITY DECLARATION WITH DATE, TIME, AND GPS location franked in a secure HD PDF received by the ID requester focused at helping business and organisations On-Board staff, members, customers and contractors for best recognition, know your customer, risk and fraud management leading to improved gateway management, knowledge management and safety in the online world, the Virtual On-line Environment.				(71) Convergence Event Systems Pty Ltd (21) 2017100647 (22) 02.06.2017 (54) System and method for distributing media content (31) 2016905194 (32) 15.12.16 (33) AU 2017900224 25.01.17 AU
(71) Apple Inc. (21) 2017100666 (22) 31.05.2017 (54) User interface for managing controllable external devices (31) PA201670605 (32) 09.08.16 (33) DK PA201670604 09.08.16 DK 15/427,516 08.02.17 US PA201670601 09.08.16 DK 62/349,057 12.06.16 US PA201670603 09.08.16 DK PA201670602 09.08.16 DK	(71) Beihang University (21) 2017100657 (22) 06.06.2017 (54) A secure communication method of wireless charging of electric vehicle (31) 201610712153.8 (32) 23.08.16 (33) CN				(71) Davidson, C. (21) 2017100651 (22) 03.06.2017 (54) Safety Messages On Gloves
(71) Apple Inc. (21) 2017100667 (22) 31.05.2017 (54) Activity and workout updates (31) 62/348,908 (32) 11.06.16 (33) US	(71) Beihang University (21) 2017100660 (22) 06.06.2017 (54) Rapid failure detection method of parallel single batteries in a serial-parallel battery pack (31) 201610585186.0 (32) 22.07.16 (33) CN				(71) Duzen Pty Ltd (21) 2017100648 (22) 02.06.2017 (54) A Bag
(71) Apple Inc. (21) 2017100669 (22) 31.05.2017 (54) Breathing sequence user interface (31) 62/348,844 (32) 10.06.16 (33) US 15/372,133 07.12.16 US	(71) Beihang University (21) 2017100661 (22) 06.06.2017 (54) An information security method of distributed electric vehicle controllers (31) 201610584844.4 (32) 22.07.16 (33) CN				<b>EvaBriteNumbers Pty Ltd see Trzcinka, T.</b> (21) 2017100641
(71) Apple Inc. (21) 2017100670 (22) 31.05.2017 (54) User interfaces for retrieving contextually relevant media content (31) 15/275,294 (32) 23.09.16 (33) US 62/349,109 12.06.16 US	(71) Beihang University (21) 2017100662 (22) 06.06.2017 (54) A secure communication method of integrated distributed electric vehicle controller (31) 201610585201.1 (32) 22.07.16 (33) CN				(71) HAREDS Pty Ltd (21) 2017100655 (22) 05.06.2017 (54) Parametric Catastrophe Insurance Tool
(71) Apple Inc. (21) 2017100683 (22) 31.05.2017 (54) User interface for camera effects (31) 62/349,059 (32) 12.06.16 (33) US 62/384,140 06.09.16 US					(71) Imtrade Australia Pty Ltd (21) 2017100638 (22) 31.05.2017 (54) A VALVE
					(71) Itty, T. (21) 2017100656 (22) 05.06.2017 (54) Modular Drainage Assembly and Unit Therefor (62) 2017201781
					(71) Joint Property Australia Pty Ltd (21) 2017100654 (22) 05.06.2017 (54) Home Ownership Equity Share Algorithm.
					(71) Kennards Innovations and Sustainability Pty Ltd (21) 2017100640 (22) 31.05.2017 (54) Improved cleaning device

Innovation Patent Applications Filed - Name Index cont'd

(71) Lay, P. (21) 2017100646 (22) 02.06.2017 (54) A system and method of extracting text and image from an identity card (including documents) for verification of a person's digital identity online by implementing an online id checker application ("OIC App").	2016902873 21.07.16 AU
(71) Specialist Airway Solutions Pty Ltd (21) 2017100653 (22) 05.06.2017 (54) System and Method for Facilitating an Intubation (62) 2015218180	
(71) Lin, J. (21) 2017100639 (22) 31.05.2017 (54) Seamless connecting drain structure of metallic sink (31) 201621096031.2 (32) 30.09.16 (33) CN	(71) Techtronic Outdoor Products Technology Limited (21) 2017100665 (22) 31.05.2017 (54) An electric tool (62) 2015101657
(71) Macau University of Science and Technology (21) 2017100644 (22) 01.06.2017 (54) Bufadienolide for treatment of non-small cell lung cancer	(71) Trzcinka, T.; EvaBriteNumbers Pty Ltd (21) 2017100641 (22) 01.06.2017 (54) Impact Resistant Hi-Vis Identification Number Sign which is Fully Sealed From Water and Dust
(71) Makrylos, G. (21) 2017100668 (22) 31.05.2017 (54) Water Transfer Printing	(71) Vikson Enterprise Co., Ltd. (21) 2017100643 (22) 01.06.2017 (54) ROLLER BLIND MECHANISM WITH BALL CHAIN (31) 201620544781.5 (32) 06.06.16 (33) CN
<b>MCLACHLAN, M. see MCLACHLAN, M.</b> (21) 2017100659	(71) Williams, C. (21) 2017100645 (22) 01.06.2017 (54) PROTECTIVE HOOD (31) 2016902239 (32) 08.06.16 (33) AU
(71) MCLACHLAN, M.; MCLACHLAN, M. (21) 2017100659 (22) 06.06.2017 (54) HANDHELD TOUCH OBJECT (31) 62/495,418 (32) 13.09.16 (33) US	(71) Wynne, M. (21) 2017100650 (22) 02.06.2017 (54) Improved Liquid Run-Off Disposal System
<b>Mobito Pty Ltd see MOBITO PTY LTD</b> (21) 2017100642	
(71) MOBITO PTY LTD; Mobito Pty Ltd (21) 2017100642 (22) 01.06.2017 (54) The first intuitive, functional mobile platform that has been designed by medical specialists for medical specialists to solve the day to day problem of finding cover and to change the way you access available work. Find the cover you need and manage your clinical work by reaching out to the network of registered specialists and allied health professionals, in your area	
(71) noble, d. (21) 2017100637 (22) 31.05.2017 (54) INSTANT DRUG TEST PHOTO RECORD DATA BASE/INVENTORY TRACKER AND RANDOM NAME GENERATOR PROGRAM	
(71) Precision Metals (Queanbeyan) Pty Ltd (21) 2017100652 (22) 05.06.2017 (54) A SYSTEM AND METHOD FOR FACILITATING THE SECURE DELIVERY OF A PARCEL (31) 2016902177 (32) 05.06.16 (33) AU	

**Numerical Index**

<b>2017100635</b>	Clearpro Construction Water Solutions Pty Ltd	<b>2017100654</b>	Joint Property Australia Pty Ltd
<b>2017100636</b>	Apple Inc.	<b>2017100655</b>	HAREDS Pty Ltd
<b>2017100637</b>	noble, d.	<b>2017100656</b>	Itty, T.
<b>2017100638</b>	Imtrade Australia Pty Ltd	<b>2017100657</b>	Beihang University
<b>2017100639</b>	Lin, J.	<b>2017100658</b>	Camm, A.
<b>2017100640</b>	Kennards Innovations and Sustainability Pty Ltd	<b>2017100659</b>	MCLACHLAN, M.; MCLACHLAN, M.
<b>2017100641</b>	Trzcinka, T.; EvaBriteNumbers Pty Ltd	<b>2017100660</b>	Beihang University
<b>2017100642</b>	MOBITO PTY LTD; Mobito Pty Ltd	<b>2017100661</b>	Beihang University
<b>2017100643</b>	Vikson Enterprise Co., Ltd.	<b>2017100662</b>	Beihang University
<b>2017100644</b>	Macau University of Science and Technology	<b>2017100663</b>	A.J TEER & G.M TEER
<b>2017100645</b>	Williams, C.	<b>2017100665</b>	Techtronic Outdoor Products Technology Limited
<b>2017100646</b>	Lay, P.	<b>2017100666</b>	Apple Inc.
<b>2017100647</b>	Convergence Event Systems Pty Ltd	<b>2017100667</b>	Apple Inc.
<b>2017100648</b>	Duzen Pty Ltd	<b>2017100668</b>	Makrylos, G.
<b>2017100649</b>	Batten, M.	<b>2017100669</b>	Apple Inc.
<b>2017100650</b>	Wynne, M.	<b>2017100670</b>	Apple Inc.
<b>2017100651</b>	Davidson, C.	<b>2017100683</b>	Apple Inc.
<b>2017100652</b>	Precision Metals (Queanbeyan) Pty Ltd	<b>2017100684</b>	Apple Inc.
<b>2017100653</b>	Specialist Airway Solutions Pty Ltd		

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

2016247109	<b>Danha, M.</b>	The filing date has been amended to 15.03.2017
2017100202	<b>Coe, C.</b>	The filing date has been amended to 15.03.2017
2017100350	<b>BITS AVENUE PTY LTD</b>	The filing date has been amended to 09.05.2017

**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
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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

**2001**

2001247096 ( 14 )

**2002**

2002217070 ( 14 )    2002218404 ( 14 )    2002218618 ( 14 )  
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**2017**

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2017202039 ( 7AN )

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

**2017**

2017203693 **Payne, S.** Provisional Number: 2017902208

**Assignments before Grant, Section 113**

**2012**

2012238523 **Cytavis Biopharma GmbH** The application has been assigned to **Melema Pharma GmbH**

2012297569 **Baker IDI Heart and Diabetes Institute Holdings Limited** The application has been assigned to **Cardiora Pty Ltd**

2012364860 **Cochran, Keith; Xenikis, Toula; Malcom, Domini; Thompson, Harold** The application has been assigned to **OMS INVESTMENTS, INC.**

**2013**

2013292547 **Zoetis LLC** The application has been assigned to **Zoetis Services LLC**

2013323659 **Tyco Electronics Nederland BV; ADC Telecommunications, Inc.; Tyco Electronics UK Ltd.; TE Connectivity AMP Espana, S.L.U.** The application has been assigned to **CommScope Connectivity Spain, S.L.; CommScope Asia Holdings B.V.; CommScope Connectivity UK Limited; CommScope Technologies LLC.**

2013327387 **Observant Pty Ltd** The application has been assigned to **Jain Agriculture Services Australia Pty Ltd**

**2014**

2014317541 **Valta, Milan** The application has been assigned to **AMK Energy Comp. s.r.o.**

2014331528 **Healy, Ian Edward** The application has been assigned to **Adbri Mining Products Pty Ltd; Burrell Mining Products (Australia) Pty Ltd**

2014357728 **Ablation Technologies, LLC** The application has been assigned to **Pilgrim, Michael**

**2015**

2015293638 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; SABMiller Limited** The application has been assigned to **SABMiller Limited**

2015339463 **Chen, Yet-Ran; Liang, Chi-Ming; Tseng, Mei-Chun; Chen, Ying-Lan; Academia Sinica** The application has been assigned to **Academia Sinica**

2015340498 **CorTec GmbH; Albert-Ludwigs-Universität Freiburg** The application has been assigned to **CorTec GmbH**

2015901231 **Observant Pty Ltd** The application has been assigned to **Jain Agriculture Services Australia Pty Ltd**

**Assignments before Grant, Section 113**

**2016**

2016201078 **Observant Pty Ltd** The application has been assigned to **Jain Agriculture Services Australia Pty Ltd**

2016201199 **Ellwood, David Richard** The application has been assigned to **HYDRANT SERVICES PTY LTD**

2016900322 **Observant Pty Ltd** The application has been assigned to **Jain Agriculture Services Australia Pty Ltd**

2016900447 **Survive Drive Pty Ltd** The application has been assigned to **Heed Pty Ltd**

2016902162 **LEONIDAS, Patrick** The application has been assigned to **ERACLEOUS, Nektaria**

2016902268 **Medical Device Research Australia Pty Ltd** The application has been assigned to **MatOrtho Limited**

**2017**

2017202361 **TAPIOTECH HOLDINGS CORPORATION** The application has been assigned to **BPM CASSAFEED PTY LTD**

2017202554 **LEGRIS, Guy** The application has been assigned to **2516139 Ontario Inc.**

**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.

**2010**

2010324521 **Metroll Technology Pty Ltd** An application to extend the time from 16 Nov 2016 to 16 Jun 2017 in which to pay a renewal fee has been filed . Address for service - Cullens Pty Ltd Level 32 239 George Street Brisbane QLD 4000 AU

**2012**

2012244096 **Wideline Pty Ltd** An application to extend the time from 15 Oct 2016 to 15 Jun 2017 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd 255 Elizabeth Street Sydney NSW 2000 AU

**2014**

2014224104 **ZANNIS, E.** An application to extend the time from 08 Jan 2017 to 08 Jun 2017 in which to request Examination has been filed . Address for service - Evan Zannis PO BOX 18 Mill Park VIC 3082 AU

**2016**

2016202909 **Raritan Americas, Inc.** An application to extend the time from 28 Oct 2016 to 28 May 2017 in which to pay a continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016234995 **Technix Industries Limited** An application to extend the time from 05 Dec 2016 to 05 May 2017 in which to request Examination

**Extensions of Time, Section 223**

has been filed . Address for service - Don Hopkins C/- Mrs Chris Cocks Unit 109/29 Wells Road Chelsea Heights VIC 3196 AU

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

**2003**

2003203454 **Atwell, G.** The time in which to pay a renewal fee has been extended to 04 Apr 2017 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

**2006**

2006257082 **Peter Maier Leichtbau GmbH** The time in which to pay a renewal fee has been extended to 16 Jan 2017 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

**2011**

2011100168 **Uniloc USA, Inc.** The time in which to pay a renewal fee has been extended to 09 Jan 2017 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001 AU

2011100349 **Uniloc USA, Inc.** The time in which to pay a renewal fee has been extended to 31 Jan 2017 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001 AU

2011101295 **Uniloc USA, Inc.** The time in which to pay a renewal fee has been extended to 07 Feb 2017 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001 AU

2011317105 **Virginia Commonwealth University** The time in which to pay a continuation fee has been extended to 19 Jan 2017 . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

**2012**

2012101558 **NetAuthority, Inc** The time in which to pay a renewal fee has been extended to 18 Jan 2017 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001 AU

2012101559 **NetAuthority, Inc** The time in which to pay a renewal fee has been extended to 18 Jan 2017 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001 AU

**2013**

2013383523 **Park, H.** The time in which to gain acceptance has been extended to 27 Jun 2017 . Address for service - Actuate Patents PO Box A1172 Sydney South NSW 1235 AU

2013407276 **Halliburton Energy Services, Inc.** The time in which to pay the acceptance fee has been extended to 23 Jun 2017 . Address for service - FB Rice Level 14 90 Collins Street Melbourne VIC 3000 AU

**2015**

2015203237 **HENGDIAN GROUP INNUOVO ELECTRIC CO.,LTD** The time in which to pay the acceptance fee has been extended to 16 Jun 2017 . Address for service - Admiral Trademarks & Patents Services PO Box 767 Miranda NSW 1490 AU

2015327708 **Pari Sa; Falquete, Marco Antonio** The time in which to enter the National Phase has been extended to 03 Jun 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**Extensions of Time, Section 223**

2015327709 **Pari Sa; Marco Antonio, Falquete** The time in which to enter the National Phase has been extended to 03 Jun 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**Amendments**

**Applications for Amendment**

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

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

**2007**

2007211613 Tuberos Sclerosis treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 15 May 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2011**

2011290725 New compounds **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 24 May 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

**2012**

2012238254 Child Restraint for a Vehicle **HBG IP Holding Pty Limited** The nature of the amendment is as shown in the statement(s) filed 12 May 2017 . Address for service - Chrysilou IP 114-115 Biztek 20 Dale Street Brookvale Sydney NSW 2100 AU

2012241726 Freeze dried drug nanosuspensions **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 11 May 2017 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2012271781 Peptide compositions and methods for treating lung injury, asthma, anaphylaxis, angioedema, systemic vascular permeability syndromes, and nasal congestion **The Board of Trustees of the University of Illinois** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2017 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**2013**

2013271545 Ligands modified by circular permutation as agonists and antagonists **Alkermes, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 May 2017 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2014**

2014218800 Non-aqueous solid stabilized emulsions **Stiefel Laboratories, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014256228 19-nor neuroactive steroids and methods of use thereof **Sage Therapeutics, Inc.** The nature of the amendment is as shown

**Amendments**

in the statement(s) filed 23 May 2017 . Address for service - Cullens Pty Ltd GPO Box 1074 Brisbane QLD 4001 AU

2014302390 Medical device deployment system **W. L. Gore & Associates, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2014314522 Rotor blade element for a wind turbine, rotor blade and a production process therefor and wind turbine with rotor blade **Wobben Properties GmbH** The nature of the amendment is as shown in the statement(s) filed 15 May 2017 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014399897 Valves for regulating downhole fluids using contactless actuation **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017 . Address for service - FB Rice Level 14 90 Collins Street Melbourne VIC 3000 AU

**2015**

2015202328 Information processing apparatus and information processing program **Fuji Xerox Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 May 2017 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2015258210 Improved inflatable retention system for an enteral feeding device **Avent, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

2015266841 Humanized dipeptidyl peptidase IV (DPP4) animals **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2017 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**Amendments Made**

**2003**

2003273218 **Genentech, Inc.; F. Hoffmann - La Roche AG** The nature of the amendment is as shown in the statement(s) filed 02 Mar 2017

**2011**

2011222720 **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2017

**2012**

2012227204 **Hilti Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 02 Nov 2016

2012230803 **Precision Planting LLC** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2017

2012244550 **Origenis GmbH** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2017

**Amendments**

2012261276 **Merck Patent GmbH** The nature of the amendment is: Amend the name of the inventor to read Platscher, Michael Wilhelm and Hedinger, Alfred

2012284195 **RhinoSystems Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2017

**2013**

2013245452 **Les Laboratoires Servier** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2017

2013255542 **Biocon Limited** The nature of the amendment is as shown in the statement(s) filed 08 Mar 2017

2013299656 **Buck Institute for Research on Aging** The nature of the amendment is as shown in the statement(s) filed 20 Mar 2017

2013307503 **BD Switzerland Sarl** The nature of the amendment is as shown in the statement(s) filed 14 Mar 2017

2013324204 **UT-Battelle, LLC** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2017

2013352514 **Corning Incorporated** The nature of the amendment is: Amend the name of the inventor to read Chang, Theresa; Danielson, Paul Stephen; DeMartino, Steven Edward; Fadeev, Andrei Gennadyevich; Morena, Robert Michael; Pal, Santona; Peanasky, John Stephen; Schaut, Robert Anthony; Timmons, Christopher Lee; Venkataraman, Natesan; Verkleeeren, Ronald Luce and Bookbinder, Dana Craig

**2014**

2014237555 **The Quaker Oats Company** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2017

2014256399 **B. Braun Melsungen AG** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2017

2014315995 **Casio Computer Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2017

**2015**

2015218480 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2017

2015264893 **ACCENTURE GLOBAL SERVICES LIMITED** The nature of the amendment is: Amend the name of the inventor to read Singh, Gurdeep; KASS, Alex; CHINTALA, Upendra and ARORA, Veenu

2015287955 **La Jolla Pharmaceutical Company** The nature of the amendment is: Amend the name of the inventor to read Tidmarsh, George and Chawla, Lakshmir

2015294371 **The Arizona Board of Regents on behalf of The University of Arizona** The nature of the amendment is: Amend the name of the inventor to read Hay, Meredith; Konhilas, John; Polt, Robin, L. and Jones, Evan

2015327805 **Blast Mask, LLC** The nature of the amendment is as shown in the statement(s) filed 03 May 2017

**Amendments**

2015346350 **The United States of America, as Represented by The Secretary, Department of Health and Human Services** The nature of the amendment is as shown in the statement(s) filed 15 May 2017

2015347054 **MasterCard International Incorporated** The nature of the amendment is: Amend the invention title to read Providing online cardholder authentication services on-behalf-of issuers

2015350904 **Anges MG, Inc.; Osaka University; DS Pharma Animal Health Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2017

2015351153 **Izume, M.** The nature of the amendment is as shown in the statement(s) filed 30 May 2017

2015354534 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Cartridge, member constituting cartridge, and image forming apparatus

2015354591 **Mitsubishi Materials Corporation** The nature of the amendment is: Amend the invention title to read Drill bit button insert and drill bit

2015357171 **Linde Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR PRODUCING HYDROCARBONS

**2016**

2016213030 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read PREVENTIVE AND/OR THERAPEUTIC AGENT OF IMMUNE DISEASE

2016213031 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read NOVEL SALT OF FUSED PYRIMIDINE COMPOUND AND CRYSTAL THEREOF

2016902273 **Modular Construction Consultants (Australia) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read PROUD, Ross Eric and BASSETT, Robert James

**2017**

2017901396 **Modular Construction Consultants (Australia) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read PROUD, Ross Eric and BASSETT, Robert James

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

**2005**

2005252388 Nuplex Resins B.V. The name of the patentee has been altered to **Allnex Netherlands B.V.**

**2007**

2007295876 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2007306918 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**Amendments**

**2008**

2008298603 Adimab, Inc. The name of the patentee has been altered to **Adimab, LLC**

**2009**

2009297085 Rib-X Pharmaceuticals, Inc. The name of the patentee has been altered to **Melinta Therapeutics, Inc.**

**2010**

2010220815 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**2011**

2011100778 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2011232304 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2011232310 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2011288969 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2011293079 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2011295622 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**2012**

2012100979 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2012100985 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2012276271 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2012325669 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2012344727 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2012357700 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**2013**

2013100171 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013100172 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**Amendments**

2013100374 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013100406 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013201099 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013202647 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013202651 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013258882 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2013284329 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2013284353 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2013331518 Genspera, Inc. The name of the applicant has been altered to **Inspyr Therapeutics, Inc.**

**2014**

2014100504 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2014100511 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2014218497 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2014245835 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2014246647 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2014352638 The United States of America, as represented by the Secretary, Department of Health and Human Services The name of the applicant has been altered to **The United States of America, as represented by The Secretary, Department of Health and Human Services**

**2015**

2015100393 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2015100575 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2015100789 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

**Amendments**

2015101793 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2015201796 Adimab, Inc. The name of the applicant has been altered to **Adimab, LLC**

2015210426 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2015251500 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2015258767 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2015258768 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

2015346006 Innovia Security Pty Ltd The name of the applicant has been altered to **CCL Secure Pty Ltd**

**2016**

2016100288 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016100401 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016100402 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016100413 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016100492 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016100918 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016101452 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016101590 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016102127 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016102173 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2016202603 Carbon Revolution Pty Ltd The name of the applicant has been altered to **Carbon Revolution Limited**

2016204832 Arrowhead Research Corporation The name of the applicant has been altered to **Arrowhead Pharmaceuticals, Inc.**

**Amendments**

2016216558 Arrowhead Research Corporation The name of the applicant has been altered to **Arrowhead Pharmaceuticals, Inc.**

2016329041 AC (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED**

**2017**

2017100354 Innovia Security Pty Ltd The name of the patentee has been altered to **CCL Secure Pty Ltd**

2017200586 Arrowhead Research Corporation The name of the applicant has been altered to **Arrowhead Pharmaceuticals, Inc.**

2017201838 Arrowhead Research Corporation The name of the applicant has been altered to **Arrowhead Pharmaceuticals, Inc.**

2017901350 University of South Australia; Flinders University of South Australia The name of the applicant has been altered to **Southern Adelaide Local Health Network Incorporated; University of South Australia; Flinders University of South Australia**

Applications Open to Public Inspection

Name Index

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

<p>(71) 3M Innovative Properties Company (11) AU-A-2017203828 (21) 2017203828 (22) 06.06.2017 (54) System for monitoring temperature of electrical conductor (51) Int. Cl. G01K 7/22 ( 2006.01 ) G01K 7/34 ( 2006.01 ) G01K 7/36 ( 2006.01 ) (43) 22.06.2017 (62) 2013388629 (72) Huang, Zheng; Wen, Zhiguo; Yuan, Sihua; Johnson, Justin Mark; Jesme, Ronald David; Bonifas, Andrew Paul; Joyce, Terrence Harold; Chatterton, Jacob Dale; Wang, Yingyu; Yu, Xuetao (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) 4 Season Company Pty Ltd (11) AU-A-2016265970 (21) 2016265970 (22) 28.11.2016 (54) Feed Block (51) Int. Cl. A23K 40/20 ( 2016.01 ) A23K 10/33 ( 2016.01 ) (31) 2015904914 (32) 02.12.15 (33) AU (43) 22.06.2017 (72) Olsson, Charles Robert (74) Cullens Pty Ltd</p> <hr/> <p>(71) Abon Pharmaceuticals, LLC (11) AU-A-2017203861 (21) 2017203861 (22) 07.06.2017 (54) Oral Transmucosal Drug Delivery System (51) Int. Cl. A61K 9/20 ( 2006.01 ) A61K 9/00 ( 2006.01 ) A61K 9/22 ( 2006.01 ) A61K 9/28 ( 2006.01 ) A61K 9/30 ( 2006.01 ) A61K 31/565 ( 2006.01 ) A61K 31/568 ( 2006.01 ) A61K 47/10 ( 2006.01 ) A61K 47/14 ( 2006.01 ) A61K 47/22 ( 2006.01 ) A61K 47/26 ( 2006.01 ) A61K 47/36 ( 2006.01 ) A61K 47/44 ( 2006.01 ) (43) 22.06.2017 (62) 2013344654 (72) AHMED, Salah; ZU, Yanming; NEELAM, Karunakar; MUNTAZIM, Saad; CHOWDHURY, Tahseen; TIAN, Shiyang (74) WRAYS PTY LTD</p> <hr/> <p>(71) Accenture Global Services Limited (11) AU-A-2017203762</p>	<p>(21) 2017203762 (22) 02.06.2017 (54) SYSTEM ARCHITECTURE FOR CLOUD-PLATFORM INFRASTRUCTURE LAYOUTS (51) Int. Cl. G06F 19/00 ( 2006.01 ) G06F 15/00 ( 2006.01 ) G06F 17/00 ( 2006.01 ) (43) 22.06.2017 (62) 2015221442 (72) TUNG, Teresa; GOMADAM, Karthik; XIE, Qing (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Acerus Pharmaceuticals SRL (11) AU-A-2017203470 (21) 2017203470 (22) 24.05.2017 (54) INTRANASAL TESTOSTERONE BIO-ADHESIVE GEL FORMULATIONS AND USE THEREOF FOR TREATING MALE HYPOGONADISM (51) Int. Cl. A61K 9/00 ( 2006.01 ) A61K 9/06 ( 2006.01 ) A61K 31/568 ( 2006.01 ) A61K 47/34 ( 2006.01 ) A61K 47/44 ( 2006.01 ) A61P 5/26 ( 2006.01 ) (43) 22.06.2017 (62) 2012257490 (72) Kreppner, Wayne; Fogarty, Siobban; Oberegger, Werner; Maes, Paul José Pierre Marie (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Adobe Systems Incorporated (11) AU-A-2016238832 (21) 2016238832 (22) 04.10.2016 (54) EVALUATION OF MULTIMEDIA SUMMARIZATION (51) Int. Cl. G06F 17/28 ( 2006.01 ) (31) 14/959,219 (32) 04.12.15 (33) US (43) 22.06.2017 (72) Subramanian, Vaishnavi; Utpal; Gupta, Shivani; Maneriker, Pranav Ravindra; Modani, Natwar; Hiranandani, Gaurush; Sinha, Atanu (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Adobe Systems Incorporated (11) AU-A-2016247184 (21) 2016247184 (22) 21.10.2016 (54) ATTRIBUTE WEIGHTING FOR MEDIA CONTENT-BASED RECOMMENDATION (51) Int. Cl. G06F 17/30 ( 2006.01 ) (31) 14/962,297 (32) 08.12.15 (33) US</p>	<p>(43) 22.06.2017 (72) Swaminathan, Viswanathan; Mitra, Saayan; Xu, Teng (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Aldridge Traffic Controllers Pty Ltd (11) AU-A-2017203721 (21) 2017203721 (22) 02.06.2017 (54) Traffic signal controller system and method (51) Int. Cl. G08G 1/07 ( 2006.01 ) (43) 22.06.2017 (62) 2015224498 (72) Aldridge, Keith James (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Alpha Technologies Inc. (11) AU-A-2017203737 (21) 2017203737 (22) 02.06.2017 (54) FERRORESONANT TRANSFORMER FOR USE IN UNINTERRUPTIBLE POWER SUPPLIES (51) Int. Cl. H01F 27/28 ( 2006.01 ) H02J 9/06 ( 2006.01 ) (43) 22.06.2017 (62) 2015203667 (72) Le, Thanh; Richardson, James; Datzov, Litcho (74) Phillips Ormonde Fitzpatrick</p> <hr/> <p>(71) Amazon Technologies, Inc. (11) AU-A-2017203703 (21) 2017203703 (22) 01.06.2017 (54) Automated data synchronization (51) Int. Cl. G06F 9/455 ( 2006.01 ) (43) 22.06.2017 (62) 2014249680 (72) SURYANARAYANAN, Deepak; FARRELL, Eugene Michael; BROWN, David Everard; LAKSHMANAN, Vivek (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) AMSTED Rail Company, Inc. (11) AU-A-2016244234 (21) 2016244234 (22) 12.10.2016 (54) Stabilized railway freight car truck (51) Int. Cl. B61F 5/04 ( 2006.01 ) (31) 14/958,320 (32) 03.12.15 (33) US (43) 22.06.2017 (72) WIKE, Paul Steven (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) AMSTED Rail Company, Inc. (11) AU-A-2016247178</p>
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Applications Open to Public Inspection - Name Index cont'd

(21) 2016247178 (22) 21.10.2016  
 (54) Railway car truck with friction damping  
 (51) Int. Cl.  
**B61F 5/12** ( 2006.01 )  
**B61F 5/00** ( 2006.01 )  
**B61F 5/02** ( 2006.01 )  
 (31) 14/958,210 (32) 03.12.15 (33) US  
 (43) 22.06.2017  
 (72) COSEGLIA, John  
 (74) Spruson & Ferguson

(71) Andon, J.  
 (11) AU-A-2015264897  
 (21) 2015264897 (22) 04.12.2015  
 (54) TRANSPORTATION MEANS  
 (51) Int. Cl.  
**A63B 5/11** ( 2006.01 )  
 (43) 22.06.2017  
 (72) Andon, Joe  
 (74) Ahearn Fox

(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2017203842  
 (21) 2017203842 (22) 07.06.2017  
 (54) PACKING BOX FOR SHUFFLED  
 PLAYING CARDS  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
 (43) 22.06.2017  
 (62) 2012387314  
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**G06F 9/48** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**H04W 12/06** ( 2009.01 )  
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**G06F 17/28** ( 2006.01 )  
**G06F 3/048** ( 2006.01 )  
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 (51) Int. Cl.  
**A63F 13/00** ( 2006.01 )  
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 (72) TIMPERLEY, David Keith  
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 (54) A METHOD OF GAMING AND GAMING SYSTEM  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )  
**A63F 9/20** ( 2006.01 )  
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**A63F 13/00** ( 2006.01 )  
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**A61M 25/00** ( 2006.01 )  
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**A61M 39/22** ( 2006.01 )

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 (54) Catheter assembly  
 (51) Int. Cl.  
**A61M 25/00** ( 2006.01 )  
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 (54) Catheter assembly  
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**A61B 5/0402** ( 2006.01 )  
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     **G06T 19/00** ( 2011.01 )  
     **G06T 15/00** ( 2011.01 )  
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     **A61B 5/042** ( 2006.01 )  
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     **A61B 18/18** ( 2006.01 )  
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 (51) Int. Cl.  
     **A61M 5/14** ( 2006.01 )  
     **A61L 2/28** ( 2006.01 )  
     **A61M 5/00** ( 2006.01 )  
     **C12M 1/12** ( 2006.01 )  
     **C12Q 1/18** ( 2006.01 )  
     **C12Q 1/22** ( 2006.01 )  
     **G01N 31/22** ( 2006.01 )  
     **G01N 33/50** ( 2006.01 )  
     **A61M 5/142** ( 2006.01 )  
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 (54) Method and apparatus for detecting seizures including audio characterization  
 (51) Int. Cl.  
     **A61B 5/00** ( 2006.01 )  
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 (51) Int. Cl.  
     **C07D 495/04** ( 2006.01 )  
     **A61K 31/519** ( 2006.01 )  
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 (51) Int. Cl.  
     **A61M 15/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
     **B60Q 1/26** ( 2006.01 )

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 (54) COMPOSITIONS AND METHODS FOR MODULATING CELL SIGNALING  
 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )

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 (72) SPRINGER, Timothy Alan; ZON, Leonard Ira; MAHANTHAPPA, Nagesh K.  
 (74) Griffith Hack

(71) Colgate-Palmolive Company; Omron Healthcare Co., Ltd.

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 (21) 2017203753 (22) 02.06.2017

(54) ELECTRIC TOOTHBRUSH WITH A RECHARGEABLE BATTERY, AND INDUCTANCE CHARGER APPARATUS FOR USE WITH THE SAME

(51) Int. Cl.  
 A61C 17/22 ( 2006.01 )  
 A61C 17/34 ( 2006.01 )  
 H02J 7/02 ( 2006.01 )  
 H02J 7/04 ( 2006.01 )

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(54) Comfort layer for a collecting bag

(51) Int. Cl.  
 A61F 5/445 ( 2006.01 )  
 A61F 5/44 ( 2006.01 )

(43) 22.06.2017  
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 (72) Freiding, Markus  
 (74) FB Rice

(71) CommScope Connectivity Belgium BVBA

(11) AU-A-2017203743  
 (21) 2017203743 (22) 02.06.2017

(54) Cable sealing unit with multiple sealing modules

(51) Int. Cl.  
 H02G 3/22 ( 2006.01 )  
 H02G 15/013 ( 2006.01 )

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(71) Cornell University; Eden Research PLC  
 (11) AU-A-2017203751

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(54) Terpene-containing compositions and methods of making and using them

(51) Int. Cl.  
 A01N 31/08 ( 2006.01 )  
 A01N 25/28 ( 2006.01 )  
 A01N 31/02 ( 2006.01 )  
 A01N 31/16 ( 2006.01 )  
 A01N 35/02 ( 2006.01 )  
 A01N 35/06 ( 2006.01 )  
 A01N 49/00 ( 2006.01 )  
 A01P 3/00 ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

(71) Covidien LP

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(54) Surgical stapler flexible distal tip

(51) Int. Cl.  
 A61B 17/072 ( 2006.01 )  
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(11) AU-A-2017203778  
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(54) Microwave thermometry for microwave ablation systems

(51) Int. Cl.  
 A61B 18/18 ( 2006.01 )  
 A61B 18/12 ( 2006.01 )

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 E01B 1/00 ( 2006.01 )  
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(54) GLYCOSYL HYDROLASE ENZYMES AND USES THEREOF FOR BIOMASS HYDROLYSIS

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 C12N 9/24 ( 2006.01 )  
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(71) Depuy Mitek, LLC

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(54) COMPLIANT INSERTER FOR IM-PLANTS

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 A61B 17/88 ( 2006.01 )  
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 A61F 2/40 ( 2006.01 )

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(11) AU-A-2017203754  
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(54) Method and apparatus for precisely controlling the size and shape of radiofrequency ablations

(51) Int. Cl.  
 A61B 18/04 ( 2006.01 )  
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 (54) Shelf-monitoring system  
 (51) Int. Cl.  
**G06K 7/10** ( 2006.01 )  
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 (54) Method and device for rendering an audio soundfield representation for audio playback  
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 (54) Optimal soybean loci  
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**C07H 21/04** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2017203751

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 (51) Int. Cl.  
**A01M 99/00** ( 2006.01 )  
**A01M 1/02** ( 2006.01 )

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**E04B 1/72** ( 2006.01 )  
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 (72) OSSEIRAN, Adam  
 (74) Adam Law Patent & Trade Mark Attorney

(71) Electronics and Telecommunications Research Institute  
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 (54) CARRIER AGGREGATION IN WIRELESS COMMUNICATION SYSTEM  
 (51) Int. Cl.  
**H04B 7/26** ( 2006.01 )  
**H04J 11/00** ( 2006.01 )  
**H04L 1/16** ( 2006.01 )  
**H04W 52/18** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (54) A system and a method for operating on-line state lottery games  
 (51) Int. Cl.  
**A63F 3/08** ( 2006.01 )  
**A63F 9/24** ( 2006.01 )  
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 (72) YACENDA, Michael W.  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Dual Mode Vehicle  
 (51) Int. Cl.  
**B62D 55/04** ( 2006.01 )  
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 (43) 22.06.2017  
 (72) Goldenberg, Andrew A.; Lin, Jun  
 (74) In-Legal Limited

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 (11) AU-A-2017203718  
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 (54) Bucket for cable shovel  
 (51) Int. Cl.  
**E02F 3/60** ( 2006.01 )

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 (74) MINTER ELLISON

(71) F. Hoffmann-La Roche AG  
 (11) AU-A-2017203817  
 (21) 2017203817 (22) 06.06.2017  
 (54) Polymorphs of 2-(4-(2-(1-isopropyl-3-methyl-1H-1,2,4-triazol-5-yl)-5,6-dihydrobenzo[f]imidazo[1,2-d][1,4]oxazepin-9-yl)-1H-pyrazol-1-yl)-2-methylpropanamide, methods of production, and pharmaceutical uses thereof  
 (51) Int. Cl.  
**C07D 498/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 22.06.2017  
 (62) 2014365079  
 (72) STULTS, Jeffrey  
 (74) Griffith Hack

(71) F. Hoffmann-La Roche AG  
 (11) AU-A-2017203819  
 (21) 2017203819 (22) 06.06.2017  
 (54) Polymorphs of 2-(4-(2-(1-isopropyl-3-methyl-1H-1,2,4-triazol-5-yl)-5,6-dihydrobenzo[f]imidazo[1,2-d][1,4]oxazepin-9-yl)-1H-pyrazol-1-yl)-2-methylpropanamide, methods of production, and pharmaceutical uses thereof  
 (51) Int. Cl.  
**C07D 498/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 22.06.2017  
 (62) 2014365079  
 (72) STULTS, Jeffrey  
 (74) Griffith Hack

(71) Facebook, Inc.  
 (11) AU-A-2017203859  
 (21) 2017203859 (22) 07.06.2017  
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 (51) Int. Cl.  
**G06F 17/30** ( 2006.01 )  
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 (72) PEIRIS, Keith L.; DENG, Peter  
 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Anti-lifting coupling system for the reversible joining of elements for providing a formwork for floor castings  
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**E04B 5/14** ( 2006.01 )  
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**(72)** Faresin, Guido  
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**(21)** 2017203821 **(22)** 06.06.2017  
**(54)** RESPIRATORY MASK SEALING INTERFACE

**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**(43)** 22.06.2017  
**(62)** 2015202377  
**(72)** MCAULEY, Alastair Edwin; MCLAREN, Mark; HUANG, Wen Dong  
**(74)** AJ PARK

**(71)** Fluoresentric, Inc.  
**(11)** AU-A-2017203807  
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**(54)** A CHEMICAL INDICATOR DEVICE  
**(51)** Int. Cl.  
**G01N 21/25** ( 2006.01 )  
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**(72)** Fugere, Nicole A.; Caplin, Brian E.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(51)** Int. Cl.  
**B66C 1/42** ( 2006.01 )  
**E21B 19/02** ( 2006.01 )  
**E21B 19/06** ( 2006.01 )  
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**(51)** Int. Cl.  
**G02B 6/44** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Gambro Lundia AB  
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**(54)** Liver support system  
**(51)** Int. Cl.  
**A61M 1/36** ( 2006.01 )  
**(43)** 22.06.2017  
**(62)** 2013349977  
**(72)** Flieg, Ralf; Aldinger, Stephan; Storr, Markus; Krause, Bernd  
**(74)** Shelston IP Pty Ltd.

**(71)** General Electric Company  
**(11)** AU-A-2016266095  
**(21)** 2016266095 **(22)** 02.12.2016  
**(54)** PROTECTION CIRCUIT ASSEMBLY AND METHOD  
**(51)** Int. Cl.  
**H05B 37/02** ( 2006.01 )  
**H05B 37/00** ( 2006.01 )  
**(31)** 14/960,268 **(32)** 04.12.15 **(33)** US  
**(43)** 22.06.2017

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**(21)** 2016250512 **(22)** 31.10.2016  
**(54)** Syringe needle position and deviation correction method in a machine for the automatic preparation of intravenous medication  
**(51)** Int. Cl.  
**A61J 3/00** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
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**(43)** 22.06.2017  
**(72)** RUBIO AGUILERA, Javier; CASANOVA MONTPEYO, Oriol  
**(74)** Spruson & Ferguson

**(71)** Gualco, M.  
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**(21)** 2017203836 **(22)** 07.06.2017  
**(54)** PROCESS FOR INSTALLATION OF ANCHOR DEVICES AND APPARATUS FOR CARRYING OUT SUCH PROCESS  
**(51)** Int. Cl.  
**F16B 13/08** ( 2006.01 )  
**B25B 31/00** ( 2006.01 )  
**E01B 9/10** ( 2006.01 )  
**E01B 9/14** ( 2006.01 )  
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**(72)** Gualco, Mario  
**(74)** Fisher Adams Kelly Callinans

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**(21)** 2016269440 **(22)** 06.12.2016  
**(54)** Vacuum mixing device with operating element and pump for mixing polymethylmethacrylate bone cement  
**(51)** Int. Cl.  
**B01F 13/06** ( 2006.01 )  
**(31)** 10 2015 121 274.9 **(32)** 07.12.15 **(33)** DE  
**(43)** 22.06.2017  
**(72)** VOGT, Sebastian; KLUGE, Thomas  
**(74)** Spruson & Ferguson

**(71)** Heraeus Medical GmbH  
**(11)** AU-A-2016269441  
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**(54)** Mixing device with operating element and pressure pump for mixing polymethylmethacrylate bone cement  
**(51)** Int. Cl.  
**A61B 17/56** ( 2006.01 )  
**B01F 3/12** ( 2006.01 )  
**B01F 13/00** ( 2006.01 )  
**(31)** 10 2015 121 276.5 **(32)** 07.12.15 **(33)** DE  
**(43)** 22.06.2017  
**(72)** VOGT, Sebastian; KLUGE, Thomas  
**(74)** Spruson & Ferguson

**(71)** Heraeus Medical GmbH  
**(11)** AU-A-2016269446  
**(21)** 2016269446 **(22)** 06.12.2016  
**(54)** Vacuum mixing device with operating element, pressure pump, and vacuum pump for mixing polymethylmethacrylate bone cement  
**(51)** Int. Cl.  
**B01F 7/16** ( 2006.01 )  
**F04B 9/02** ( 2006.01 )  
**F04B 9/12** ( 2006.01 )  
**F04B 33/00** ( 2006.01 )  
**(31)** 10 2015 121 277.3 **(32)** 07.12.15 **(33)** DE  
**(43)** 22.06.2017  
**(72)** VOGT, Sebastian; KLUGE, Thomas  
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**(71)** HERCUTECH INC.  
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**(54)** Stronger wall system  
**(51)** Int. Cl.  
**E04B 2/56** ( 2006.01 )  
**E04B 2/72** ( 2006.01 )  
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**(62)** 2012261812  
**(72)** Niemann, Michael  
**(74)** Shelston IP Pty Ltd.

**(71)** Hough Ear Institute  
**(11)** AU-A-2017203769  
**(21)** 2017203769 **(22)** 05.06.2017  
**(54)** COMPOSITION AND METHOD FOR INNER EAR SENSORY HAIR CELL REGENERATION AND REPLACEMENT  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )  
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 (51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 31/522** ( 2006.01 )  
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 (74) Cullens Pty Ltd
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- (71) IGISU Co., Ltd.; Endo, Y.; Endo, K.  
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 (21) 2017203793 (22) 05.06.2017  
 (54) THERAPEUTIC AGENT FOR ALOPECIA  
 (51) Int. Cl.  
**A61K 38/22** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 17/14** ( 2006.01 )  
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**H04N 21/25** ( 2011.01 )  
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 (72) Oyman, Ozgur  
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 (51) Int. Cl.  
**H04W 88/18** ( 2009.01 )  
**H04W 16/24** ( 2009.01 )  
**H04W 52/02** ( 2009.01 )  
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 (51) Int. Cl.  
**G06T 19/20** ( 2011.01 )  
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 (72) DEANGELIS, Douglas J.; REILLY, Gerard M.; SIGEL, Kirk M.; EVANSEN, Edward G.  
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 (21) 2017203699 (22) 01.06.2017  
 (54) Composition comprising banyan tree, lotus, and clover serum fractions (hyperpigmentation)  
 (51) Int. Cl.  
**A61Q 19/02** ( 2006.01 )  
**A61K 8/97** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
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 (21) 2017203701 (22) 01.06.2017  
 (54) Composition comprising banyan tree, lotus, and clover serum fractions (aging)  
 (51) Int. Cl.  
**A61K 8/97** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
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**A61K 31/095** ( 2006.01 )  
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 (51) Int. Cl.  
**E21F 5/02** ( 2006.01 )  
**E21C 35/22** ( 2006.01 )  
**E21D 23/00** ( 2006.01 )  
**E21F 13/08** ( 2006.01 )  
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**E21C 41/00** ( 2006.01 )  
**E21C 25/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Reach truck  
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*B63B 35/76* ( 2006.01 )  
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*B63C 9/04* ( 2006.01 )  
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 (51) Int. Cl.  
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*C12N 5/074* ( 2010.01 )  
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 (54) Application of reduced dyes in imaging  
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*C01G 41/00* ( 2006.01 )  
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 (54) Process for obtaining a liquid oxygen-rich and a gaseous oxygen-rich air product in an air separation system, and an air separation system  
 (51) Int. Cl.  
*F25J 3/04* ( 2006.01 )  
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.  
*C09K 8/03* ( 2006.01 )  
*C09K 8/42* ( 2006.01 )  
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 (74) FB Rice
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 (54) BODY-ADHESIVE KINESIOLOGY TAPE  
 (51) Int. Cl.  
*A61F 13/02* ( 2006.01 )  
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 (62) 2010235961  
 (72) QUINN, Reed  
 (74) AJ PARK

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 (21) 2017203860 (22) 07.06.2017  
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 (51) Int. Cl.  
**C07D 241/08** ( 2006.01 )  
**B01J 31/02** ( 2006.01 )  
**C07C 229/00** ( 2006.01 )  
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(71) Meerkat Desk Ltd  
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 (54) A Monitor Stand  
 (51) Int. Cl.  
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**F16M 11/04** ( 2006.01 )  
**H05K 7/00** ( 2006.01 )  
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**B60R 25/00** ( 2013.01 )  
**B60R 25/045** ( 2013.01 )  
**B62H 5/00** ( 2006.01 )  
**G07F 17/00** ( 2006.01 )  
**G08C 17/02** ( 2006.01 )  
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 (74) Wynnes Patent & Trade Mark Attorneys

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*C23F 11/08* ( 2006.01 )  
*C23F 11/14* ( 2006.01 )  
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*A47B 57/00* ( 2006.01 )  
*A47F 7/00* ( 2006.01 )  
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*A47B 81/00* ( 2006.01 )  
*A61J 3/00* ( 2006.01 )  
*B65G 1/137* ( 2006.01 )  
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     A61K 31/135 ( 2006.01 )  
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     A61P 15/00 ( 2006.01 )  
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     C07D 249/10 ( 2006.01 )  
     A61K 31/341 ( 2006.01 )  
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 A61P 17/06 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 C12N 5/10 ( 2006.01 )  
 C12P 21/08 ( 2006.01 )  
 G01N 33/53 ( 2006.01 )  
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*F21L 13/00* ( 2006.01 )  
*F21S 6/00* ( 2006.01 )  
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 (51) Int. Cl.  
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*A47L 11/40* ( 2006.01 )  
*A47L 13/22* ( 2006.01 )  
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2015264897	Andon, J.	2017203568	LTA Corporation
2015264909	Semitech Semiconductor Pty Ltd	2017203572	Monsanto Technology LLC
2015264917	Canon Kabushiki Kaisha	2017203588	Selecta Biosciences, Inc.
2015264923	Solar Lighting Towers Pty Ltd	2017203676	Gambro Lundia AB
2015275334	Faresin Building S.p.A.	2017203694	Pathlogica LLC
2015328082	TAOLIGHT Company Limited	2017203699	ISP Investments Inc.
2015381014	Huawei Technologies Co., Ltd	2017203700	Becton, Dickinson and Company
2016202015	Zhejiang Nowvow Mechanical and Electrical Corp., Ltd	2017203701	ISP Investments Inc.
2016203659	Burns, M.; Valliere, M.	2017203702	B. Braun Melsungen AG
2016204215	Kabushiki Kaisha Toshiba	2017203703	Amazon Technologies, Inc.
2016204433	Kabushiki Kaisha Toshiba	2017203704	Plastipak Packaging, Inc.
2016208264	Telebrands Corporation	2017203705	Coloplast A/S
2016208266	Telebrands Corporation	2017203706	Hydra Biosciences, Inc.
2016208268	Telebrands Corporation	2017203707	B. Braun Melsungen AG
2016208269	Telebrands Corporation	2017203709	Lubrizol Oilfield Solutions, Inc.
2016219586	RNB INNOVATIONS PTY LTD	2017203710	B. Braun Melsungen AG
2016234926	The Boeing Company	2017203712	Apple Inc.
2016238832	Adobe Systems Incorporated	2017203714	Selecta Biosciences, Inc.
2016244194	Taiwan Paiho Limited	2017203715	DANISCO US INC.
2016244234	AMSTED Rail Company, Inc.	2017203716	BLY IP, Inc.
2016247099	The Boeing Company	2017203717	Milux Holding S.A.
2016247178	AMSTED Rail Company, Inc.	2017203718	ESCO Corporation
2016247184	Adobe Systems Incorporated	2017203721	Aldridge Traffic Controllers Pty Ltd
2016250512	Grifols Engineering, S.A.	2017203722	Koninklijke Nederlandse Akademie van Wetenschap- pen
2016253655	Biosense Webster (Israel) Ltd.	2017203725	Cancer Research Technology Limited
2016253656	Biosense Webster (Israel) Ltd.	2017203728	Celgene Avilomics Research, Inc.
2016253657	Pargoe, B.	2017203729	Dispensing Technologies B.V.
2016256662	Biosense Webster (Israel) Ltd.	2017203730	Depuy Mitek, LLC
2016256696	Biosense Webster (Israel) Ltd.	2017203731	Aristocrat Technologies Australia Pty Limited
2016259305	Engineering Services Inc.	2017203734	Targeted Growth, Inc.
2016259310	Biosense Webster (Israel) Ltd.	2017203735	Reckitt & Colman (Overseas) Limited
2016259311	Biosense Webster (Israel) Ltd.	2017203736	Aristocrat Technologies Australia Pty Limited
2016259352	Joy MM Delaware, Inc.	2017203737	Alpha Technologies Inc.
2016259431	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2017203739	Sanofi
2016259437	Joy MM Delaware, Inc.	2017203740	Lumos, Inc.
2016259439	Covidien LP	2017203743	CommScope Connectivity Belgium BVBA
2016262788	Sandvik Mining and Construction Oy	2017203744	MyCell Technologies, LLC
2016265970	4 Season Company Pty Ltd	2017203747	Reflex Technology International Pty Ltd
2016265990	Stratco (Australia) Pty Limited	2017203749	Biodelivery Sciences International, Inc.
2016266017	Johnson & Johnson Consumer Inc.	2017203750	Electronics and Telecommunications Research Institute
2016266057	The Raymond Corporation	2017203751	Cornell University; Eden Research PLC
2016266095	General Electric Company	2017203753	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.
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2016266108	The Travel Bag Company Pty Ltd	2017203755	Vermeer Manufacturing Company
2016266110	Wallis Engineers Pty Ltd	2017203756	OTSUKA PHARMACEUTICAL CO., LTD.
2016269401	Meerkat Desk Ltd	2017203759	Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd
2016269413	DADY, S.; HUGHES, T.	2017203760	The Scripps Research Institute
2016269428	Tata Consultancy Services Limited	2017203762	Accenture Global Services Limited
2016269434	Linde Aktiengesellschaft	2017203764	Sonic IP, Inc.
2016269440	Heraeus Medical GmbH	2017203765	PRC-De Soto International, Inc.
2016269441	Heraeus Medical GmbH	2017203766	Brain Sentinel, Inc.
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2016269459	Tata Consultancy Services Limited	2017203779	Siemens Healthcare Diagnostics, Inc.; Liao, Q.; Lin, S.H.; Campbell, B.
2016269466	Pentair Water Pool and Spa, Inc.	2017203780	Isolynx, LLC
2016269521	Phase Industrial Design Ningbo Co., Ltd	2017203788	Aristocrat Technologies Australia Pty Limited
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2016321488	Fujikura Ltd.	2017203790	SBI Biotech Co, Ltd.
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**2017203808** Reckitt & Colman (Overseas) Limited  
**2017203809** Reckitt & Colman (Overseas) Limited  
**2017203810** Xyleco, Inc.  
**2017203812** Visa International Service Association  
**2017203813** Capnia, Inc.  
**2017203815** S1 Biopharma, Inc.  
**2017203817** F. Hoffmann-La Roche AG  
**2017203819** F. Hoffmann-La Roche AG  
**2017203820** Dolby International AB  
**2017203821** FISHER & PAYKEL HEALTHCARE LIMITED  
**2017203822** Regents of the University of Minnesota  
**2017203823** META SYSTEM S.p.A.  
**2017203825** Reckitt & Colman (Overseas) Limited  
**2017203828** 3M Innovative Properties Company  
**2017203829** Intel Corporation  
**2017203831** Outotec (Finland) Oy  
**2017203832** Dow AgroSciences LLC  
**2017203833** Wright Medical Technology, Inc.  
**2017203835** vTv Therapeutics LLC  
**2017203836** Gualco, M.  
**2017203839** MTD Products Inc.  
**2017203840** Strix Limited  
**2017203841** Intel Corporation  
**2017203842** Angel Playing Cards Co., Ltd.  
**2017203845** United States Postal Service  
**2017203847** Apple Inc.  
**2017203848** RX-SAFE, LLC  
**2017203849** TIANJIN TAIYANGSHEN TECHNOLOGY CO., LTD.  
**2017203850** ImThera Medical, Inc.  
**2017203851** Seattle Genetics, Inc.  
**2017203853** Bracco Imaging S.p.A.  
**2017203855** Li-Cor, Inc.  
**2017203857** Elot, Inc.  
**2017203859** Facebook, Inc.  
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**2017203862** Milux Holding S.A.  
**2017203863** Aristocrat Technologies Australia Pty Limited  
**2017203864** Zest IP Holdings LLC  
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**2017203868** Cequent Performance Products, Inc

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<p>(71) AgResearch Limited                      (11) AU-A-2017100610                      (21) 2017100610 (22) 25.05.2017                      (54) A METHOD AND CONTROL SYSTEM FOR OPTIMISING THE QUALITY OF MEAT                      (51) Int. Cl.                      A23B 4/07 ( 2006.01 )                      A23L 3/365 ( 2006.01 )                      F25D 11/02 ( 2006.01 )                      F25D 23/12 ( 2006.01 )                      F25D 29/00 ( 2006.01 )                      (45) 22.06.2017                      (62) 2014305233                      (72) Kim, Yuan H. Brad; Leath, Shane; Salerno, Monica Senna; Balan, Prabhu; Kemp, Robert                      (74) CreateIP</p>	<p>(71) Apple Inc.                      (11) AU-A-2017100585                      (21) 2017100585 (22) 22.05.2017                      (54) Intelligent automated assistant in a home environment                      (51) Int. Cl.                      G06F 17/28 ( 2006.01 )                      G06F 3/16 ( 2006.01 )                      G10L 21/00 ( 2013.01 )                      (31) 15/274,859 (32) 23.09.16 (33) US                      62/348,015 09.06.16 US                      PCT/ 07.10.16 IB                      US2016/055914                      (45) 22.06.2017                      (72) NELL, Garrett; MALANI, Roshni; BROWN, Sean P.; BRUMBAUGH, Benjamin L.                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Apple Inc.                      (11) AU-A-2017100589                      (21) 2017100589 (22) 22.05.2017                      (54) Application integration with a digital assistant                      (51) Int. Cl.                      G06F 17/28 ( 2006.01 )                      G06F 3/16 ( 2006.01 )                      G10L 21/00 ( 2013.01 )                      (31) PA 2016 70540 (32) 19.07.16 (33) DK                      62/348,929 11.06.16 US                      PA 2016 70563 28.07.16 DK                      PA 2016 70564 28.07.16 DK                      PA 2016 70562 28.07.16 DK                      (45) 22.06.2017                      (72) WALKER II, Robert A.; NEWENDORP, Brandon J.; DASARI, Rohit; GIULI, Richard D.; GRUBER, Thomas R.; RADEBAUGH, Carey E.; GARG, Ashish; KHOSLA, Vineet; RUSSELL, Jonathan H.; PETERSON, Corey                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) AgResearch Limited                      (11) AU-A-2017100611                      (21) 2017100611 (22) 25.05.2017                      (54) A METHOD AND CONTROL SYSTEM FOR OPTIMISING THE QUALITY OF MEAT                      (51) Int. Cl.                      A23B 4/07 ( 2006.01 )                      A23L 3/365 ( 2006.01 )                      F25D 11/02 ( 2006.01 )                      F25D 23/12 ( 2006.01 )                      F25D 29/00 ( 2006.01 )                      (45) 22.06.2017                      (62) 2014305233                      (72) Kim, Yuan H. Brad; Leath, Shane; Salerno, Monica Senna; Balan, Prabhu; Kemp, Robert                      (74) CreateIP</p>	<p>(71) Apple Inc.                      (11) AU-A-2017100586                      (21) 2017100586 (22) 22.05.2017                      (54) Application integration with a digital assistant                      (51) Int. Cl.                      G06F 17/28 ( 2006.01 )                      G06F 3/16 ( 2006.01 )                      G10L 21/00 ( 2013.01 )                      (31) 62/348,929 (32) 11.06.16 (33) US                      PA 2016 70562 28.07.16 DK                      PA 2016 70563 28.07.16 DK                      PA 2016 70540 19.07.16 DK                      PA 2016 70564 28.07.16 DK                      (45) 22.06.2017                      (72) WALKER II, Robert A.; NEWENDORP, Brandon J.; DASARI, Rohit; GIULI, Richard D.; GRUBER, Thomas R.; RADEBAUGH, Carey E.; GARG, Ashish; KHOSLA, Vineet; RUSSELL, Jonathan H.; PETERSON, Corey                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Apple Inc.                      (11) AU-A-2017100617                      (21) 2017100617 (22) 26.05.2017                      (54) Contracting and elongating materials for providing input and output for an electronic device                      (51) Int. Cl.                      H02K 33/02 ( 2006.01 )                      G06F 3/041 ( 2006.01 )                      H04M 1/02 ( 2006.01 )                      (45) 22.06.2017                      (62) 2016100850                      (72) UTTERMANN, Erik A.; GIBBS, Kevin D.; PATEL, Dhaval; OW, Florence W.; WRIGHT, Derek W.; MCCLURE, Stephen R.; LOBEL, Inna                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Andary, P.                      (11) AU-A-2017100570                      (21) 2017100570 (22) 19.05.2017                      (54) CIGARETTE HOLDER                      (51) Int. Cl.                      A24F 13/10 ( 2006.01 )                      A24F 7/00 ( 2006.01 )</p>	<p>(71) Apple Inc.                      (11) AU-A-2017100587                      (21) 2017100587 (22) 22.05.2017                      (54) Application integration with a digital assistant                      (51) Int. Cl.                      G06F 17/28 ( 2006.01 )                      G06F 3/16 ( 2006.01 )                      G10L 21/00 ( 2013.01 )                      (31) 62/348,929 (32) 11.06.16 (33) US                      PA 2016 70540 19.07.16 DK                      PA 2016 70562 28.07.16 DK                      PA 2016 70563 28.07.16 DK</p>	<p>(71) ASIAN POWER DEVICES INC.                      (11) AU-A-2017100573                      (21) 2017100573 (22) 19.05.2017                      (54) POWER CONNECTOR MODULE AND POWER CONNECTOR THEREOF                      (51) Int. Cl.                      H01R 13/52 ( 2006.01 )                      (31) 106201116 (32) 20.01.17 (33) TW</p>

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<p>(71) 24/7 Customer, Inc.                      (11) AU-A-2015360419                      (21) 2015360419 (22) 10.12.2015                      (54) Method and apparatus for facilitating staffing of resources                      (51) Int. Cl.  <i>G06Q 10/06</i> ( 2012.01 )                      (87) WO2016/094691                      (31) 14/964,540 (32) 09.12.15 (33) US                      62/090,298 10.12.14 US                      (43) 16.06.2016                      (72) Kannan, Pallipuram V.; Adusumilli, Kr-anthi Mitra                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(43) 12.05.2016                      (72) Allen, Vincent Akira                      (74) Griffith Hack</p>	<p>(54) Messenger UNA molecules and uses thereof                      (51) Int. Cl.  <i>C12N 9/10</i> ( 2006.01 )  <i>A61K 48/00</i> ( 2006.01 )  <i>C12N 9/64</i> ( 2006.01 )  <i>C12N 15/11</i> ( 2006.01 )  <i>C12N 15/85</i> ( 2006.01 )                      (87) WO2016/070166                      (31) 62/074,046 (32) 02.11.14 (33) US                      (43) 06.05.2016                      (72) Chivukula, Padmanabh; Warren, Luigi; Tachikawa, Kiyoshi; Payne, Joseph E.                      (74) FB Rice</p>
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**A23L 33/115** ( 2016.01 )  
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**B29C 51/08** ( 2006.01 )  
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**C02F 3/00** ( 2006.01 )  
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**A43B 23/04** ( 2006.01 )  
**A43D 11/00** ( 2006.01 )  
**D04C 1/06** ( 2006.01 )  
**D04C 3/40** ( 2006.01 )  
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**C07C 205/56** ( 2006.01 )  
**C07D 207/16** ( 2006.01 )  
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**C12N 15/67** ( 2006.01 )  
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**C02F 1/66** ( 2006.01 )

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**C12M 1/26** ( 2006.01 )  
**C12N 1/02** ( 2006.01 )  
**C12N 13/00** ( 2006.01 )  
**C02F 1/24** ( 2006.01 )  
**C02F 1/56** ( 2006.01 )  
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**D21H 15/00** ( 2006.01 )  
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2015352038	<b><u>B29C 67 /-</u></b>	<b><u>B63H 23 /-</u></b>	<b><u>C07C 237 /-</u></b>	<b><u>C07D 519 /-</u></b>	2015375492 2015375555
<b><u>B01J 20 /-</u></b>	2015372580	2015371203	2015371069	2016213030	2015377262 2015378635 2015380500 2015380501 2015384773 2015387195
2015355368	<b><u>B33Y 30 /-</u></b>	<b><u>B63H 5 /-</u></b>	<b><u>C07C 255 /-</u></b>	<b><u>C07H 19 /-</u></b>	
<b><u>B01J 8 /-</u></b>	2015372580	2015371203	2015371069	2015349390 2015358576	
2015352038	<b><u>B33Y 40 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>C07C 279 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C10L 3 /-</u></b>
<b><u>B02C 17 /-</u></b>	2015372580	2016253657	2015371376 2015371457	2015372474	2015357759
2014411529	<b><u>B42D 25 /-</u></b>	<b><u>B65D 17 /-</u></b>	<b><u>C07C 57 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C11B 5 /-</u></b>
<b><u>B05B 3 /-</u></b>	2015346006	2015357398	2015371376 2015371457	2015339032 2015356643 2015358400 2015370125 2015372474	2015371376 2015371457
2015343249	<b><u>B61F 5 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>C07C 67 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C12M 1 /-</u></b>
<b><u>B05B 7 /-</u></b>	2015364756	2016253657	2015353112	2015356641 2015356934	
2015338853	<b><u>B61G 11 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C12N 1 /-</u></b>	
<b><u>B05B 9 /-</u></b>	2015356676	2015344986 2015352074 2016253657	2015353112	2015339032 2015358400 2015366213 2016205188 2016207872	2015355242 2015356641 2016205188
2015338853	<b><u>B61G 9 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C07C 7 /-</u></b>	<b><u>C07K 17 /-</u></b>	<b><u>C12N 13 /-</u></b>
<b><u>B05C 7 /-</u></b>	2015356676	2014393379	2015357171	2015372474	2015356641
2015338853	<b><u>B61K 13 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C12N 15 /-</u></b>
<b><u>B05D 7 /-</u></b>	2015364756	2015344658	2015353112	2015366212	2015338923 2015346281 2015355242 2015356643 2015366212 2015370125 2015372474 2016205188
2015362559	<b><u>B61K 9 /-</u></b>	<b><u>B66F 11 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C08G 18 /-</u></b>	
<b><u>B08B 17 /-</u></b>	2015347772	2015357735	2015353112 2015367540	2015370122	
2015338853	<b><u>B62K 13 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C08K 3 /-</u></b>	
<b><u>B08B 3 /-</u></b>	2015371203	2015356641	2015355841	2015344658	
2015338853	<b><u>B62M 9 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C08L 31 /-</u></b>	<b><u>C12N 9 /-</u></b>
<b><u>B08B 9 /-</u></b>	2015371203	2015338853	2015361614 2015371629	2014414346	2015338923 2015356643 2015370125
2015338853	<b><u>B63B 1 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07D 405 /-</u></b>		
<b><u>B21D 22 /-</u></b>	2015351153	2015349248	2015361614 2015367540		
2015344986					

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<b>C12P 1 /-</b>	<b>E01C 7 /-</b>	<b>E21B 33 /-</b>	<b>F25B 27 /-</b>	<b>G02B 27 /-</b>	<b>G06T 7 /-</b>
2015355368	2015349248	2015362559	2014412384	2015341881	2015372563
	<b>E02F 5 /-</b>	2015377209	<b>F25D 29 /-</b>	2015346006	<b>G09B 23 /-</b>
		2015380501			
<b>C12P 19 /-</b>	2015369660	<b>E21B 34 /-</b>	2014412384	<b>G02B 6 /-</b>	2014412856
2015337881					
	<b>E02F 7 /-</b>	2015345953	<b>F28D 15 /-</b>	2016321488	<b>G09F 23 /-</b>
<b>C12P 21 /-</b>		2015380698			
2015355242	2015369660		2015352038	<b>G02C 7 /-</b>	2015349618
	<b>E03C 1 /-</b>	<b>E21B 43 /-</b>	<b>F28D 7 /-</b>	2015345119	<b>H01J 40 /-</b>
<b>C12P 7 /-</b>					
2015355368	2015371217	2015345953	2015352038	<b>G03G 21 /-</b>	2015363022
	<b>E03D 1 /-</b>	2015362559			
<b>C12Q 1 /-</b>		2015377262	<b>G01D 11 /-</b>	2015354534	<b>H01J 5 /-</b>
2015364672	2016327042	2015378635	2015363022	<b>G03H 1 /-</b>	2015363022
	<b>E03D 11 /-</b>	2015384773			
<b>C23F 13 /-</b>		2015387195	<b>G01F 1 /-</b>	2015346006	<b>H01L 31 /-</b>
2015358248	2016327042				
	<b>E03F 9 /-</b>	<b>E21B 47 /-</b>	2016317663	<b>G05D 1 /-</b>	2015342720
<b>D01F 8 /-</b>					
2015364882	2015338853	2014415557	<b>G01M 17 /-</b>	2015345061	<b>H01L 33 /-</b>
	<b>E04B 7 /-</b>	2014415581		2015347784	
<b>D03D 15 /-</b>		2015377244	<b>G01N 11 /-</b>	2015347785	2015361064
2015364882	2015340419				
	<b>E04C 3 /-</b>	<b>E21B 7 /-</b>	2015347772	<b>G06F 11 /-</b>	<b>H01M 10 /-</b>
<b>D04C 1 /-</b>			2015364756		
2015361198	2015340419	2015377209	<b>G01N 21 /-</b>	2015364688	2015377754
	<b>E04G 21 /-</b>	2015380604			
<b>D04C 3 /-</b>			2015363675	<b>G06F 15 /-</b>	<b>H01M 2 /-</b>
2015361198	2015340419	<b>E21C 35 /-</b>	2015366041		
	<b>E05D 15 /-</b>		<b>G01N 29 /-</b>	2015355240	2015377754
<b>D06F 59 /-</b>		2016208713			
2015344448	2015365715	<b>F01D 11 /-</b>	2015366041	<b>G06F 19 /-</b>	<b>H02H 3 /-</b>
	<b>E06B 3 /-</b>		2015374523		
<b>D06F 71 /-</b>		<b>F03G 6 /-</b>	2015381300	2015320813	2015372397
2015344448	2015365715		<b>G01N 29 /-</b>	2015355252	<b>H02J 3 /-</b>
	<b>E21B 10 /-</b>	2015349978		2015355337	
<b>D21C 9 /-</b>		<b>F04B 43 /-</b>	2015363675	<b>G06F 21 /-</b>	2014412384
2015349767	2015354591		<b>G01N 33 /-</b>		
	2016208713	<b>F04C 2 /-</b>		2016217549	<b>H02J 7 /-</b>
<b>D21F 11 /-</b>			2015366041	<b>G06F 3 /-</b>	2015359509
2015352319	2015380604	2015372397	<b>G01N 9 /-</b>		
	<b>E21B 12 /-</b>	<b>F04D 29 /-</b>		2015358588	<b>H02M 3 /-</b>
			<b>G01R 13 /-</b>	2015381014	
<b>D21H 13 /-</b>		2015365825		<b>G06K 9 /-</b>	<b>H02M 7 /-</b>
2015352319	2015375555	<b>F16J 15 /-</b>	2015358588		
	2015380500		<b>G01R 19 /-</b>	<b>G06Q 10 /-</b>	<b>H02P 27 /-</b>
<b>D21H 15 /-</b>		<b>F16M 13 /-</b>			
2015349767	2015380698		2015363675	2015357110	2015364879
	<b>E21B 21 /-</b>	2015346125	<b>G01R 19 /-</b>	<b>G06Q 20 /-</b>	<b>H02P 3 /-</b>
<b>D21H 17 /-</b>		<b>F21V 21 /-</b>	<b>G01S 15 /-</b>	2015341557	<b>H02P 6 /-</b>
2015352319	2015375555			2015341558	
	2015380500	2016208266	<b>G01S 19 /-</b>	2015381427	2015372397
<b>D21H 15 /-</b>		2016208268		<b>G06Q 30 /-</b>	2015414867
2015349767	2015380698	2016208269	2015345061		
	<b>E21B 23 /-</b>		<b>G01S 5 /-</b>	2015341558	<b>H02S 30 /-</b>
		<b>F24J 2 /-</b>			
<b>D21H 17 /-</b>			<b>G01V 3 /-</b>	<b>G06Q 50 /-</b>	2015342720
2015349767	2015380698	2014372174			
	<b>E21B 29 /-</b>		2015356830	2015372486	<b>H02S 40 /-</b>
2015352319					
<b>E01B 3 /-</b>	<b>E21B 3 /-</b>		2014415581		2015342720
2015345936	2015372397				

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**H03M 7 /-**

2015356145

**H04L 9 /-**

2016217549

**H04N 21 /-**

2015355209

**H04W 12 /-**

2016217549

**H04W 24 /-**

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**H04W 4 /-**

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**H05B 37 /-**

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**A61P 25/00** ( 2006.01 )  
**C07D 239/42** ( 2006.01 )  
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**A61K 9/30** ( 2006.01 )  
**A61K 31/565** ( 2006.01 )  
**A61K 31/568** ( 2006.01 )  
**A61K 47/10** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

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**(51)** Int. Cl.  
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**A61F 2/958** ( 2013.01 )  
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**H01H 25/06** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(54)** Remote control device  
**(51)** Int. Cl.  
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**G08C 17/02** ( 2006.01 )  
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**B01J 29/90** ( 2006.01 )  
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**F16G 1/08** ( 2006.01 )  
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**(74)** Fisher Adams Kelly Callinans
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**H04B 7/185** ( 2006.01 )

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**(74)** Griffith Hack

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**(54)** Device for rock- and concrete machining

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**B25D 9/12** ( 2006.01 )  
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**(74)** Watermark Intellectual Property Pty Ltd

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**G01V 1/20** ( 2006.01 )

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**A47L 1/15** ( 2006.01 )

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**C11D 3/22** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
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**(21)** 2013224861

**(71)** BASF SE  
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**(51)** Int. Cl.  
**B01J 29/40** ( 2006.01 )  
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**B01J 37/00** ( 2006.01 )  
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**B01J 37/28** ( 2006.01 )  
**C07C 1/00** ( 2006.01 )

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**G01N 21/65** ( 2006.01 )  
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**(72)** Lin, Rongsheng; Slepicka, James  
**(74)** K&L Gates

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**(74)** Davies Collison Cave Pty Ltd

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**A61M 5/178** ( 2006.01 )  
**B65D 47/00** ( 2006.01 )

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**(74)** MINTER ELLISON

**(71)** Bayer Pharma Aktiengesellschaft  
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**(51)** Int. Cl.  
**C07D 403/14** ( 2006.01 )  
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**A61K 39/395** ( 2006.01 )

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*G01C 21/20* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06Q 90/00* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
*H04W 4/02* ( 2009.01 )  
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**Board of Regents of the University of Houston System see Alzeca Biosciences, LLC**  
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*C07D 231/38* ( 2006.01 )  
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*A61P 3/00* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 13/00* ( 2006.01 )  
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 (51) Int. Cl.  
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*A61B 17/34* ( 2006.01 )  
*A61M 25/06* ( 2006.01 )  
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 (72) Barker, John Michael  
 (74) Davies Collison Cave Pty Ltd

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*A61N 1/372* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
*A61B 6/00* ( 2006.01 )  
*A61N 1/05* ( 2006.01 )  
*G06T 7/00* ( 2006.01 )  
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 (51) Int. Cl.  
*G01V 3/08* ( 2006.01 )  
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 (72) Sorensen, Kurt  
 (74) FB Rice

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 (51) Int. Cl.  
*C10G 1/02* ( 2006.01 )  
*B03B 9/02* ( 2006.01 )  
*F26B 7/00* ( 2006.01 )  
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*H04L 12/16* ( 2006.01 )  
*H04W 4/00* ( 2009.01 )  
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(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

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(54) Method, apparatus and system for en-  
coding and decoding the significance  
map for residual coefficients of a trans-  
form unit  
(51) Int. Cl.  
**H04N 7/24** ( 2006.01 )  
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(44) 22.06.2017  
(62) 2012200319  
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bios, Alvin Edeia  
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(71) Cantor Index LLC  
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(21) 2015210464 (22) 07.08.2015  
(54) METHOD FOR WAGERING  
(51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
**A63F 13/00** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
(43) 03.09.2015  
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(62) 2013209388  
(72) Miller, Kenneth L.  
(74) Pizzeys Patent and Trade Mark Attor-  
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**A61P 1/00** ( 2006.01 )

**A61P 1/12** ( 2006.01 )

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**C12N 7/01** ( 2006.01 )

**A01H 5/00** ( 2006.01 )

**A61K 39/205** ( 2006.01 )

**A61P 31/14** ( 2006.01 )

**C07K 14/145** ( 2006.01 )

**C07K 16/10** ( 2006.01 )

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**A61P 31/04** ( 2006.01 )

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A01N 43/80 ( 2006.01 )  
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**F03B 7/00** ( 2006.01 )  
**F03B 13/00** ( 2006.01 )  
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 (31) 13/303,251 (32) 23.11.11 (33) US  
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 (51) Int. Cl.  
**A61F 2/42** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) YM Biosciences Australia Pty Ltd  
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 (51) Int. Cl.  
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**A61K 31/444** ( 2006.01 )  
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**A61K 31/5377** ( 2006.01 )  
**A61K 31/541** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07D 239/42** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
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**A47J 31/42** ( 2006.01 )  
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 (51) Int. Cl.  
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**A61K 31/435** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
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(71) ZHEJIANG LINIX MOTOR CO.,LTD.  
 (11) AU-B-2016202410  
 (21) 2016202410 (22) 15.04.2016  
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 (51) Int. Cl.  
**B62K 1/00** ( 2006.01 )  
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 (74) Admiral Trademarks & Patents Services

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<b>2010234849</b>	Mount Sinai School Of Medicine	<b>2012356248</b>	Kimberly-Clark Worldwide, Inc.
<b>2011201740</b>	Illinois Tool Works Inc.	<b>2012356374</b>	Ono Pharmaceutical Co., Ltd.
<b>2011307969</b>	Grace Motor Works Limited	<b>2012356772</b>	Medizinische Universitat Wien; Universitätsklinikum Freiburg
<b>2011313824</b>	Oliver, J.; Borkowsky, B.	<b>2012356842</b>	Astrium SAS
<b>2011333305</b>	Allegra Therapeutics GmbH	<b>2012357746</b>	Impact Technology Systems AS
<b>2011351995</b>	United States Gypsum Company	<b>2012359250</b>	Arntz Beteiligungs GmbH & Co. KG
<b>2011358211</b>	Robert Bosch GmbH	<b>2012360168</b>	Sentinext Therapeutics Sdn Bhd
<b>2011358564</b>	Natera, Inc	<b>2012362432</b>	Synthes GmbH
<b>2011361700</b>	Janssen Biotech Inc.	<b>2012362942</b>	Renmatix, Inc.
<b>2011366195</b>	Tarek Inc.	<b>2012371654</b>	Schneider Electric IT Corporation
<b>2012213070</b>	Council of Scientific & Industrial Research	<b>2012380052</b>	VSL International AG
<b>2012228376</b>	US Department of Health and Human Services, National Institutes of Health; Universite Pierre et Marie Curie (Paris 6); Association Institut de Myologie; Centre National de la Recherche Scientifique; INSERM (Institut National de la Sante et de la Recherche Medicale)	<b>2012381983</b>	Vale S.A.
<b>2012229279</b>	Celgene Corporation	<b>2012386121</b>	Nisshin Steel Co., Ltd.
<b>2012230276</b>	Avet AG	<b>2012387425</b>	Prysmian S.p.A.
<b>2012239888</b>	Alzeca Biosciences, LLC; Board of Regents of The University of Texas System; Board of Regents of the University of Houston System	<b>2012388676</b>	Galileo Trikes Ltd.
<b>2012240637</b>	Atlas Copco Rock Drills AB	<b>2012390581</b>	Robert Bosch GmbH
<b>2012253797</b>	Magic Leap, Inc.	<b>2012392290</b>	FMC Separation Systems, BV
<b>2012257416</b>	Koninklijke Philips Electronics N.V.	<b>2013200049</b>	V-Zug AG
<b>2012258151</b>	SAVE Ingenierie	<b>2013202619</b>	D & D Group Pty Ltd
<b>2012260865</b>	Theobald, J.	<b>2013205661</b>	FF Seeley Nominees Pty Ltd; SEELEY INTERNATIONAL PTY. LTD.
<b>2012261488</b>	Xerox Corporation	<b>2013206277</b>	Illinois Tool Works Inc.
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<b>2012266790</b>	Schwihag AG	<b>2013207254</b>	Histosonics, Inc.
<b>2012267531</b>	Shire Human Genetic Therapies, Inc.	<b>2013210903</b>	SEB SA
<b>2012267622</b>	Sunovion Pharmaceuticals, Inc.	<b>2013210904</b>	SEB SA
<b>2012268923</b>	Covidien LP	<b>2013212385</b>	Synthes GmbH
<b>2012269079</b>	Chr. Hansen A/S	<b>2013213730</b>	General Electric Company
<b>2012269684</b>	Medicago Inc.	<b>2013213885</b>	Acergy France SAS
<b>2012274127</b>	F. Hoffmann-La Roche AG	<b>2013215246</b>	Envirotest Systems Holdings Corp.
<b>2012277721</b>	Novozymes A/S	<b>2013219189</b>	Samsung Electronics Co., Ltd.
<b>2012280941</b>	MS Technologies, LLC; Dow AgroSciences LLC	<b>2013219252</b>	TopGolf International Inc.
<b>2012282130</b>	Pfizer Inc.	<b>2013219799</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services
<b>2012284223</b>	University of Kentucky Research Foundation	<b>2013220405</b>	Philip Morris Products S.A.
<b>2012286797</b>	Dow AgroSciences LLC	<b>2013221955</b>	MOSCI Corp.
<b>2012288249</b>	Kyoto University	<b>2013223905</b>	Lustig, S.; Maman, P.; Charissoux, J.; Venet, G.; Brax, M.; Roche, O.
<b>2012296247</b>	Calgary Scientific Inc.	<b>2013224861</b>	Garcia Arenilla, I.; Barrero Lopez, A.; Barrero Lopez, F.; Barrero Lopez, J.
<b>2012298868</b>	Downhole Technology LLC	<b>2013224892</b>	Nuovo Pignone S.r.l.
<b>2012303887</b>	Centro de Ingenieria Genetica y Biotecnologia	<b>2013226340</b>	Boehringer Ingelheim International GmbH
<b>2012303954</b>	Otsuka Pharmaceutical Co., Ltd.	<b>2013229786</b>	Halozyne, Inc.
<b>2012305062</b>	Hanmi Science Co., Ltd.; Beijing Hanmi Pharmaceutical Co., Ltd.	<b>2013230673</b>	Vega Innovations Pty Ltd
<b>2012311546</b>	FEXCO	<b>2013231114</b>	Solios Carbone
<b>2012311698</b>	Merck Sharp & Dohme B.V.	<b>2013231172</b>	The Chamberlain Group, Inc.
<b>2012312581</b>	Allan Block International, LLC; Bott, T.	<b>2013231664</b>	Fresenius Medical Care Deutschland GmbH
<b>2012312845</b>	Medline Industries, Inc.	<b>2013232309</b>	Medtronic Xomed, Inc.
<b>2012313065</b>	Ingeniorhojskolen Aarhus Universitet; Region Nordjylland, Aalborg Sygehus	<b>2013234299</b>	Albumedix A/S
<b>2012313965</b>	Mashiach, A.	<b>2013234815</b>	The University of Queensland
<b>2012313974</b>	Mashiach, A.	<b>2013239710</b>	Emerson Process Management Regulator Technologies, Inc.
<b>2012313975</b>	Mashiach, A.	<b>2013240117</b>	DePuy Synthes Products, LLC
<b>2012315807</b>	General Electric Company	<b>2013243559</b>	Green Materials, LLC
<b>2012318911</b>	Pentair Water Pool and Spa, Inc.	<b>2013243647</b>	Google Inc.
<b>2012328927</b>	Northwestern University	<b>2013244859</b>	Orion Corporation
<b>2012332254</b>	Agile Therapeutics, Inc.	<b>2013245550</b>	PGS Geophysical AS
<b>2012333738</b>	Cosmo Oil Co., Ltd.	<b>2013246391</b>	Georgia-Pacific Consumer Products LP
<b>2012335677</b>	PowerVision, Inc.	<b>2013249405</b>	Smiths Medical ASD, Inc.
<b>2012336597</b>	Samsung Electronics Co., Ltd.	<b>2013251309</b>	Bioatla LLC.
<b>2012338872</b>	Grunenthal GmbH	<b>2013254259</b>	Shamir Global Ltd.
<b>2012342119</b>	Willingham, J.	<b>2013255557</b>	Kimberly-Clark Worldwide, Inc.
<b>2012342495</b>	Aker MH AS	<b>2013255612</b>	MedImmune Limited
<b>2012348218</b>	Creative Engineering Solutions, Inc.	<b>2013255613</b>	MedImmune Limited
<b>2012356187</b>	Kimberly-Clark Worldwide, Inc.	<b>2013255890</b>	Sanofi-Aventis Deutschland GmbH
		<b>2013258107</b>	Bayer Pharma Aktiengesellschaft
		<b>2013262415</b>	Replicor Inc.

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2013263235	Smith & Nephew, Inc.	2013391954	Kimree Hi-Tech Inc.
2013266400	Insmed Incorporated	2013399120	Landmark Graphics Corporation
2013269650	Sagem Defense Securite	2013403894	Yoon, H.S.
2013270620	Architectural Window Systems Pty Ltd	2013404738	Alfa Laval Corporate AB
2013271432	LipoScience, Inc.	2013405169	Landmark Graphics Corporation
2013274407	Siegfried AG	2013405170	Landmark Graphics Corporation
2013276971	Nantong CIMC-Special Transportation Equipment Man- ufacture Co., Ltd.; China International Marine Contain- ers (Group) Ltd.; CIMC Containers Holding Company Ltd.	2013406744	Colgate-Palmolive Company
		2013408734	Halliburton Energy Services, Inc.
		2014200700	Les Laboratoires Servier
2013280850	Chevron U.S.A. Inc.	2014201016	Minza Investments Pty Ltd
2013281093	General Electric Company	2014201278	The Boeing Company
2013283347	BASF SE	2014201288	JOHNSON & JOHNSON VISION CARE, INC.
2013283570	Inpeco Holding Ltd.	2014201290	SAMSUNG ELECTRONICS CO., LTD.
2013286523	Zhejiang Hisun Pharmaceutical Co., Ltd.	2014201423	Selig Sealing Products, Inc.
2013292564	Georgia-Pacific Gypsum LLC	2014201646	Deere & Company
2013292638	Cubic Corporation	2014202481	Concept, Design and Development, LLC
2013293454	FMC Corporation	2014202530	The Boeing Company
2013295565	DePuy Synthes Products, Inc.	2014204499	Digga Australia Pty Ltd
2013296825	MAKO Surgical Corp.	2014204609	Techtronic Power Tools Technology Limited
2013298167	Debiotech S.A.	2014206834	Janssen Pharmaceutica NV
2013299557	Boehringer Ingelheim International GmbH	2014210348	Calaeis Energy And Environment Ltd.
2013301899	Linde Aktiengesellschaft	2014210596	General Electric Company
2013306138	Microsoft Technology Licensing, LLC	2014213004	RFM AG Pty Ltd
2013311185	Sun Patent Trust	2014216167	Joy MM Delaware, Inc.
2013312296	Principia Biopharma Inc.	2014217963	Iveco Magirus AG
2013312931	Boehringer Ingelheim International GmbH	2014218501	University of South Australia
2013312981	McPharma Biotech Inc.	2014220735	H. Lundbeck A/S
2013322298	Kimberly-Clark Worldwide, Inc.	2014225984	DocuSign, Inc.
2013322855	Bayer CropScience AG	2014226052	Microsoft Technology Licensing, LLC
2013323161	AFL Telecommunications LLC	2014226408	Wabtec Holding Corp.
2013323604	WaveTec Vision Systems, Inc	2014227561	Cook Biotech Incorporated
2013325199	The Boeing Company	2014228640	ConocoPhillips Company; Umea University
2013327423	Adaptive Biotechnologies Corporation; Memorial Sloan- Kettering Cancer Center	2014228823	The Dun & Bradstreet Corporation
		2014229512	GP Cellulose GmbH
2013328674	MedImmune Limited	2014231026	Gruppo Fabbri Vignola S.p.A.
2013329450	nanoComposix, Inc.; Sienna Biopharmaceuticals, Inc.	2014232873	Truck-Lite, Co. LLC; Hamzic, N.; Romberger, R.
2013332243	Uranium Beneficiation Pty Ltd	2014233175	Server Technology, Inc.
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2013334808	BMC Software, Inc.	2014239979	Apparate International C.V.
2013334992	Dow Global Technologies LLC; Rohm and Haas Com- pany	2014241909	Southwall Technologies Inc.
		2014246018	Nisshin Foods Inc.
2013335088	Alcon Research, Ltd.	2014248516	Panacea Biomatrix, Inc.
2013336122	Angel Playing Cards Co., Ltd.	2014250759	Pentair Flow Technologies, LLC
2013336787	AbbVie Inc.; AbbVie Deutschland GmbH & Co. KG	2014252633	Liu, S.
2013337250	Case Western Reserve University	2014255695	Sulzer Management AG
2013341731	Hollister Incorporated	2014257335	Leaf Group Ltd.
2013343595	DSM IP Assets B.V.	2014257450	Leaf Group Ltd.
2013343597	DSM IP Assets B.V.	2014262089	Dietrich, D.
2013344654	Abon Pharmaceuticals, LLC	2014262843	Scholar Rock, Inc.
2013346967	ThyssenKrupp Marine Systems GmbH	2014263165	Chevron Phillips Chemical Company LP
2013349336	GrainSense Oy	2014264768	Syngenta Limited; Syngenta Participations AG
2013356293	Cohera Medical, Inc.	2014266967	Taghleef Industries Pty Ltd.
2013356885	ADC Communications (Australia) Pty Limited; ADC Telecommunications (Shanghai) Distribution Co., Ltd.	2014273031	TomTom Telematics B.V.
		2014274032	3M Innovative Properties Company
2013359774	Dow AgroSciences LLC	2014274776	Huawei Technologies Co., Ltd.
2013362916	SunPower Corporation	2014274922	Illinois Tool Works Inc.
2013362970	Weatherford Technology Holdings, LLC	2014275087	Machine Zone, Inc.
2013363640	SunPower Corporation	2014276532	Raimondi S.p.a.
2013364503	AgResearch Limited	2014276618	Nicoventures Holdings Limited
2013366228	Legrand France; Legrand SNC	2014279702	Kimberly-Clark Worldwide, Inc.
2013366480	UCB Biopharma SPRL; Katholieke Universiteit Leuven, K.U.Leuven R&D	2014279790	Kimberly-Clark Worldwide, Inc.
		2014279792	Kimberly-Clark Worldwide, Inc.
2013369215	ENI S.p.A.	2014280481	Construction Research & Technology GmbH
2013369764	Suzhou Touchstone International Medical Science Co., Ltd.	2014283735	Merck Patent GmbH
		2014290270	Bayer Healthcare, LLC
2013371450	Qualcomm Incorporated	2014293959	CJ Cheiljedang Corporation
2013376965	Thru Tubing Solutions, Inc.	2014294993	Novozymes A/S
2013378990	Iwata Label Co., Ltd.	2014298471	Knauf Insulation
2013380222	KWH Mirka Ltd	2014305787	Apple Inc.
2013388347	FLSmith A/S	2014306671	eBay Inc.
2013390291	Kimberly-Clark Worldwide, Inc.	2014308618	Apple Inc.
		2014312744	Hoya Corporation

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2014313892	NewSouth Innovations Pty Limited	2015244291	Dexcom, Inc.
2014315385	Boston Scientific Neuromodulation Corporation	2015249134	Ab Initio Technology LLC
2014317574	Fresh Idea Global Limited	2015252072	Amarin Pharmaceuticals Ireland Limited
2014317575	Fresh Idea Global Limited	2015252135	Kabushiki Kaisha Toshiba
2014317928	Baxter International Inc.; Baxter Healthcare S.A.	2015255047	Gelliner Limited
2014323745	ATLAS ELEKTRONIK GmbH	2015258176	NuVasive, Inc.
2014331633	Wright Medical Technology, Inc	2015261610	Reservoir Nominees Pty Ltd
2014331927	The Nielsen Company (US), LLC	2015268621	AMS Research Corporation
2014332268	PPG Industries Ohio, Inc.	2015268635	Visa International Service Association
2014332275	PPG Industries Ohio, Inc.	2015275300	Drexel University
2014334780	3M Innovative Properties Company	2015277004	Cardiac Pacemakers, Inc.
2014342259	Boston Scientific Neuromodulation Corporation	2015301619	Shell Internationale Research Maatschappij B.V.
2014349001	Cooper Tire & Rubber Company	2015309385	China University of Mining and Technology
2014349801	Toyota Jidosha Kabushiki Kaisha	2015338330	Daikin Industries, Ltd.
2014350781	CRRC YANGTZE CO., LTD.	2015350061	Mohawk Industries, Inc.
2014352656	Huawei Technologies Co., Ltd	2015350093	Mohawk Industries, Inc.
2014355413	Toray Industries, Inc.	2015350150	Mohawk Industries, Inc.
2014357665	ExxonMobil Upstream Research Company	2015367280	Roddenby, G.
2014359947	GRG Banking Equipment Co., Ltd.	2016200297	Covidien AG
2014367064	Apple Inc.	2016200349	DeLaval Holding AB
2014370191	Saint-Gobain Abrasives, Inc.; Saint-Gobain Abrasifs	2016200442	Nan Ya Plastics Corporation
2014372299	Kabushiki Kaisha Toyota Jidoshokki; Toyota Jidosha Kabushiki Kaisha	2016200599	Snap-on Incorporated
2014373004	Tsinghua University; Nuctech Company Limited	2016200659	Google Inc.
2014379659	Halliburton Energy Services, Inc.	2016200866	YM Biosciences Australia Pty Ltd
2014389498	Multi-Chem Group, LLC	2016201195	Canon Kabushiki Kaisha
2014389501	Halliburton Energy Services, Inc.	2016201462	Virtru Corporation
2014395111	Landmark Graphics Corporation	2016201463	Ricoh Company, Ltd.
2014396174	Halliburton Energy Services, Inc.	2016201691	UNIVERSITY OF MIAMI
2014398772	Siemens Aktiengesellschaft	2016201695	Google Inc.
2014413023	Sumitomo Metal Mining Co., Ltd.	2016201843	HERE Global B.V.
2015201277	Mueller International, LLC	2016202410	ZHEJIANG LINIX MOTOR CO.,LTD.
2015201990	Fate Therapeutics, Inc.	2016202417	Iseki & Co., Ltd.
2015202232	Joy MM Delaware, Inc	2016202754	The Government of the United States of America, as represented by The Secretary of Health and Human Services National Institutes of Health
2015202283	Amgen British Columbia; Millennium Pharmaceuticals, Inc.	2016202874	Nestec S.A.
2015202466	Fibria Celulose S/A	2016203357	Janssen Pharmaceutica, N.V.
2015202471	Fibria Celulose S/A	2016203643	Interface, Inc.
2015202476	Fibria Celulose S/A	2016203776	Medivators Inc.
2015202596	Uber Technologies, Inc.	2016203825	LuMee, LLC
2015202598	The Glad Products Company	2016204484	Vytronus, Inc.
2015202719	The Board of Trustees of the Leland Stanford Junior University	2016204619	Outotec (Finland) Oy
2015203222	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.; Midea Group Co., Ltd.	2016210779	101070291 Saskatchewan Ltd.
2015203583	WaveTrain Systems	2016213792	Laboratoire Français du Fractionnement et des Biotechnologies
2015204315	Roche Innovation Center Copenhagen A/S	2016216651	Polymers CRC Limited
2015204392	OptiMedica Corporation	2016216712	Apex Industrial Technologies LLC
2015205887	Eagle View Technologies, Inc.	2016256750	Dezinal Pty Ltd
2015207900	Bubioil ApS	2016297013	ThinX Inc.
2015210464	Cantor Index LLC	2017202169	ARCHER DANIELS MIDLAND COMPANY
2015215946	Dow AgroSciences LLC		
2015218232	3M Innovative Properties Company		
2015218560	ACCENTURE GLOBAL SERVICES LIMITED		
2015219276	Samsung Pay, Inc.		
2015222513	Northrop Grumman LITEF GmbH		
2015222882	The Procter & Gamble Company		
2015224468	The Curators of the University of Missouri		
2015224522	CODMAN NEURO SCIENCES SARL		
2015226160	Nobel Biocare Services AG		
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2015230766	ArthroCare Corporation		
2015230823	Optipro AS		
2015232351	Ricoh Company, Limited		
2015232529	Fujikura Ltd.; Nippon Telegraph and Telephone Corporation		
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2014213004	<b>A23K 20 /-</b>	<b>A61B 1 /-</b>	2015204392		2012262007	<b>A61M 37 /-</b>
<b>A01B 29 /-</b>	2014294993	2013295565	<b>A61J 1 /-</b>		2012269684	2013329450
2014213004	<b>A23L 27 /-</b>	2016203776	2013249405		2012282130	<b>A61M 39 /-</b>
<b>A01B 35 /-</b>	2014293959	<b>A61B 17 /-</b>	2013283570		2012284223	2013231664
2014213004	<b>A23L 35 /-</b>	2012268923	2014290270		2012303887	<b>A61M 5 /-</b>
<b>A01B 76 /-</b>	2014246018	2012362432	2015224522		2012305062	2013255890
2016202417	<b>A23L 5 /-</b>	2013207254	<b>A61J 7 /-</b>		2012360168	2013298167
<b>A01C 5 /-</b>	2013210903	2013212385	2013249405		2013226340	2014290270
2014213004	2013219189	2013232309	<b>A61K 31 /-</b>		2013234815	2015224522
<b>A01D 65 /-</b>	<b>A23L 7 /-</b>	2013263235	2011333305		2013251309	2015268621
2014262089	2014246018	2013356293	2012229279		2015202283	<b>A61N 1 /-</b>
<b>A01H 5 /-</b>	<b>A24F 15 /-</b>	2013369764	2012267531		2015227499	2012313965
2012269684	2013391954	2014313892	2012284223		2016201691	2012313974
2012280941	<b>A24F 47 /-</b>	2014315385	2012303954		<b>A61K 45 /-</b>	2012313975
2012286797	2013391954	2014331633	2012311698		2015252072	2014315385
2015202466	<b>A41D 13 /-</b>	2015230766	2012332254		<b>A61K 47 /-</b>	2014342259
2015202471	2014334780	2016200297	2012338872		2012257416	2015277004
2015202476	<b>A47F 5 /-</b>	2016204484	2012356374		2012305062	<b>A61P 1 /-</b>
<b>A01J 5 /-</b>	2013391954	<b>A61B 3 /-</b>	2013219799		2012332254	2013312981
2013364503	<b>A47F 7 /-</b>	2013323604	2013244859		2013344654	<b>A61P 11 /-</b>
2016200349	2013206277	<b>A61B 5 /-</b>	2013255612		2015227499	2013266400
<b>A01J 7 /-</b>	<b>A47G 27 /-</b>	2012313065	2013255613		<b>A61K 48 /-</b>	2013299557
2013364503	2012260865	2013212385	2013262415		2012284223	<b>A61P 13 /-</b>
<b>A01K 1 /-</b>	<b>A47J 27 /-</b>	2015244291	2013266400		<b>A61K 49 /-</b>	2013312931
2013254259	2015350093	2015258176	2013286523		2012239888	<b>A61P 19 /-</b>
<b>A01K 29 /-</b>	<b>A47J 31 /-</b>	2015277004	2013312296		<b>A61K 8 /-</b>	2013234815
2013364503	2013206277	<b>A61B 6 /-</b>	2013312931		2013255557	2013299557
<b>A01N 1 /-</b>	2013210903	2013296825	2013312981		2013406744	<b>A61P 21 /-</b>
2013283570	2013210904	2014342259	2013336787		2015222882	2013262415
<b>A01N 43 /-</b>	<b>A47J 37 /-</b>	<b>A61C 8 /-</b>	2013344654		<b>A61K 9 /-</b>	<b>A61P 25 /-</b>
2013293454	2013210903	2015226160	2013366480		2012332254	2013244859
2013322855	2013210904	<b>A61F 13 /-</b>	2014206834		2012338872	2013262415
2013359774	<b>A47L 1 /-</b>	2012312845	2015204315		2013266400	2013286523
2014264768	2012230276	2012356187	2015222882		2013344654	2013312931
<b>A01P 13 /-</b>	<b>A47L 13 /-</b>	2012356248	2015252072		2015222882	2013336787
2013359774	2012230276	2013356293	2016200866		2015227499	2014206834
		2013390291	2016203357		<b>A61L 15 /-</b>	<b>A61P 29 /-</b>
		2016297013	<b>A61K 35 /-</b>		2013356293	2012284223
		2012335677	2015201990		<b>A61L 27 /-</b>	2013312296
		2013223905	<b>A61K 36 /-</b>		2013221955	<b>A61P 3 /-</b>
		2013240117	2013312981		2013223905	2013262415
		2014202481	<b>A61K 38 /-</b>		2014227561	2013312931
		2014313892	2012213070		2015226160	2013336787
		2014331633	2012267531		<b>A61L 33 /-</b>	2014206834
		2015268621	2012305062		2014355413	<b>A61P 29 /-</b>
			2012328927		<b>A61M 1 /-</b>	2012284223
			2012356772		2013335088	2013312931
			2013219799			
			2013234815			
			2013337250			
			2014262843			
			2015201990			
			2016202754			

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2015252072	<b><u>A63H 17 /-</u></b>	<b><u>B08B 3 /-</u></b>	<b><u>B29C 47 /-</u></b>	<b><u>B62D 27 /-</u></b>	<b><u>B65D 55 /-</u></b>
2016200866					
<b><u>A61P 31 /-</u></b>	2012388676	2013404738	2015350061	2016210779	2013276971
	<b><u>B01D 15 /-</u></b>	<b><u>B22C 5 /-</u></b>	2015350093	<b><u>B62D 65 /-</u></b>	
2011333305			2015350150		<b><u>B65D 77 /-</u></b>
2012269684	2014228640	2013231114	<b><u>B29C 55 /-</u></b>	2016210779	2013334992
2013255612	<b><u>B01D 17 /-</u></b>	<b><u>B23K 26 /-</u></b>	2014279702	<b><u>B62K 1 /-</u></b>	2013378990
2013255613			2014279792		
2013262415	2012392290	2012386121	<b><u>B29C 70 /-</u></b>	2016202410	<b><u>B65D 81 /-</u></b>
2016200866	<b><u>B01D 21 /-</u></b>	<b><u>B24B 37 /-</u></b>		<b><u>B62K 15 /-</u></b>	2013334992
<b><u>A61P 35 /-</u></b>			2013325199	2012388676	2013378990
2012229279	2014413023	2013380222	<b><u>B32B 13 /-</u></b>		<b><u>B65D 83 /-</u></b>
2012305062	<b><u>B01D 45 /-</u></b>	<b><u>B24D 11 /-</u></b>		<b><u>B62K 9 /-</u></b>	
2012311698			2014235596		2013230673
2013255613	2012392290	2013380222	<b><u>B32B 15 /-</u></b>	2012388676	2013249405
2013312296	<b><u>B01D 53 /-</u></b>	2014370191		<b><u>B63C 9 /-</u></b>	<b><u>B65D 85 /-</u></b>
2013328674		<b><u>B24D 3 /-</u></b>	2014266967		
2013366480	2012315807		<b><u>B32B 27 /-</u></b>	2013224861	2013220405
2015201990	2013301899	2013380222		<b><u>B63G 8 /-</u></b>	2014276618
2016200866	2014228640	<b><u>B25B 5 /-</u></b>	2014279792		<b><u>B65D 88 /-</u></b>
<b><u>A61P 37 /-</u></b>	<b><u>B01D 71 /-</u></b>		<b><u>B32B 37 /-</u></b>	2013346967	
2012262007		2014204609		<b><u>B63H 25 /-</u></b>	2013276971
2013312296	2016216651	<b><u>B25D 9 /-</u></b>	2014266967		<b><u>B65D 90 /-</u></b>
2016200866	<b><u>B01J 19 /-</u></b>		<b><u>B44C 1 /-</u></b>	2013346967	
<b><u>A61P 39 /-</u></b>		2012240637	<b><u>B60C 11 /-</u></b>		2013276971
	2013369215	<b><u>B25F 5 /-</u></b>		<b><u>B65B 59 /-</u></b>	2014201016
2013328674	<b><u>B01J 23 /-</u></b>		<b><u>B60K 13 /-</u></b>	2014231026	<b><u>B65F 1 /-</u></b>
<b><u>A61P 5 /-</u></b>		2016200599		<b><u>B65B 7 /-</u></b>	
	2017202169	<b><u>B25H 3 /-</u></b>	2014349001		2013283570
2012311698	<b><u>B01J 29 /-</u></b>		<b><u>B60Q 1 /-</u></b>	2014231026	<b><u>B65G 1 /-</u></b>
<b><u>A61P 9 /-</u></b>		2013206277		<b><u>B65D 23 /-</u></b>	
	2013283347	2016216712	2016202417		2013283570
2012356374	2017202169	<b><u>B28B 19 /-</u></b>	<b><u>B60T 7 /-</u></b>	2013378990	<b><u>B65G 49 /-</u></b>
2013244859	<b><u>B01J 37 /-</u></b>			<b><u>B65D 25 /-</u></b>	
2013312931		2011351995	2014232873		2014241909
2015252072	2013283347	<b><u>B28B 3 /-</u></b>	<b><u>B60T 8 /-</u></b>	2013230673	<b><u>B81B 3 /-</u></b>
2016200866	<b><u>B03B 9 /-</u></b>			2014201016	
<b><u>A61Q 11 /-</u></b>		2013231114	<b><u>B60W 30 /-</u></b>	<b><u>B65D 33 /-</u></b>	2015222513
	2014210348	<b><u>B29B 17 /-</u></b>			<b><u>C01B 17 /-</u></b>
2013406744	<b><u>B04C 3 /-</u></b>		2014349801	2013334992	
<b><u>A61Q 19 /-</u></b>		2015350061	2014217963	2015202598	2013292564
	2012392290	<b><u>B29B 9 /-</u></b>	<b><u>B60D 41 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>C01G 23 /-</u></b>
2013255557	<b><u>B05B 1 /-</u></b>			2014201423	2014283735
<b><u>A63B 55 /-</u></b>		2015350061	<b><u>B61C 17 /-</u></b>	<b><u>B65D 45 /-</u></b>	<b><u>C02F 1 /-</u></b>
	2013230673	<b><u>B29C 31 /-</u></b>		2013276971	2014413023
2013219252	<b><u>B05B 15 /-</u></b>		2013281093	<b><u>B65D 47 /-</u></b>	<b><u>C03B 5 /-</u></b>
<b><u>A63F 1 /-</u></b>		2012362432	<b><u>B61D 7 /-</u></b>		
2013336122	<b><u>B05C 5 /-</u></b>			2013230673	2014298471
<b><u>A63F 13 /-</u></b>		2012362432	<b><u>B61L 15 /-</u></b>	2013276971	
	2011351995	<b><u>B29C 44 /-</u></b>		2014201423	<b><u>C04B 111 /-</u></b>
2014226052	<b><u>B05C 9 /-</u></b>		2014350781	2014290270	
2014317574		2015350093	2013281093	<b><u>B65D 50 /-</u></b>	2014235596
2014317575	2013231114	<b><u>B29C 45 /-</u></b>	<b><u>B61L 29 /-</u></b>		<b><u>C04B 20 /-</u></b>
2015210464	<b><u>B07B 1 /-</u></b>			2013276971	
<b><u>A63F 9 /-</u></b>		2013243559	2015203583		2014280481
	2013388347	2014266967		<b><u>B65D 53 /-</u></b>	
2013336122	2015230823				<b><u>C04B 26 /-</u></b>
2015210464				2014201423	

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2014235596	<b><u>C07D 405 /-</u></b>	2010234849	<b><u>C09C 3 /-</u></b>		
<b><u>C04B 28 /-</u></b>	2012311698	2012213070		<b><u>C12P 19 /-</u></b>	<b><u>E01B 9 /-</u></b>
2014280481	2013244859	2012269684	2014332268	2013343595	2012266790
	2013299557	2012274127	2014332275	2013343597	
<b><u>C07C 1 /-</u></b>	2013336787	2012356772			<b><u>E01C 13 /-</u></b>
	<b><u>C07D 409 /-</u></b>	2013234299	<b><u>C09K 8 /-</u></b>	<b><u>C12P 41 /-</u></b>	2011366195
2013280850		2013337250	2014263165	2014200700	<b><u>E02D 29 /-</u></b>
2013283347	2013244859	2014262843	2014379659		
		2015215946	2014396174	<b><u>C12P 7 /-</u></b>	2012312581
<b><u>C07C 5 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C10G 1 /-</u></b>	2012333738	2012380052
2017202169	2012311698	2012262007	2014210348	2014200700	<b><u>E02F 9 /-</u></b>
	2013299557	2012269684			
<b><u>C07C 9 /-</u></b>	2013322855	2012274127	<b><u>C10K 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2014204499
2013280850	2014264768	2012282130	2013301899	2012288249	<b><u>E04F 21 /-</u></b>
	2016200866	2013226340		2013327423	
<b><u>C07D 215 /-</u></b>	<b><u>C07D 417 /-</u></b>	2013229786	<b><u>C10L 3 /-</u></b>	2015202719	2014276532
2012303954		2013251309		2015224468	
	2013299557	2014262843	2013280850	<b><u>C13K 1 /-</u></b>	<b><u>E04G 21 /-</u></b>
<b><u>C07D 223 /-</u></b>	2016200866	2016213792			
	<b><u>C07D 471 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C11D 17 /-</u></b>	2015301619	2011201740
2014200700		2016202754	2012230276	<b><u>C22B 1 /-</u></b>	<b><u>E04G 25 /-</u></b>
<b><u>C07D 231 /-</u></b>	2012303954		<b><u>C11D 3 /-</u></b>		
	2012356374	<b><u>C08G 18 /-</u></b>		2014413023	2011201740
2013299557	2014206834		2012230276	<b><u>C22B 23 /-</u></b>	<b><u>E04H 12 /-</u></b>
<b><u>C07D 233 /-</u></b>	<b><u>C07D 487 /-</u></b>	2016216651	<b><u>C12M 1 /-</u></b>		
		<b><u>C08J 11 /-</u></b>		2014413023	2011313824
2016203357	2012267622		2015243006	<b><u>C22B 3 /-</u></b>	<b><u>E04H 4 /-</u></b>
<b><u>C07D 239 /-</u></b>	2012356374	2015350093	<b><u>C12N 1 /-</u></b>		
	2013255612	<b><u>C08J 3 /-</u></b>		2012381983	2012318911
	2013255613	2014279702	2012269079	2013332243	<b><u>E05B 55 /-</u></b>
2013336787	2013312296		2012333738	<b><u>C22B 60 /-</u></b>	
2016200866	2013328674	<b><u>C08J 5 /-</u></b>	<b><u>C12N 15 /-</u></b>		2013202619
<b><u>C07D 249 /-</u></b>	2013366480			2013332243	<b><u>E05B 73 /-</u></b>
	<b><u>C07D 489 /-</u></b>	2014279702	2012228376	<b><u>C25B 15 /-</u></b>	
2013258107		2014279792	2012269684		2012260865
<b><u>C07D 261 /-</u></b>	2013274407	<b><u>C08J 9 /-</u></b>	2012288249	2016204619	<b><u>E05C 19 /-</u></b>
	<b><u>C07D 491 /-</u></b>		2013337250		
2013322855	2013286523	2014279702	2014262843	<b><u>D01F 6 /-</u></b>	2013202619
2014264768		2014279792	2015202466		
<b><u>C07D 277 /-</u></b>	<b><u>C07D 507 /-</u></b>	<b><u>C08K 7 /-</u></b>	2015202471	2014279790	2013231172
			2015202476	2015350093	<b><u>E05F 3 /-</u></b>
2013299557	2011333305	2014279702	2015204315	<b><u>D04H 1 /-</u></b>	
<b><u>C07D 295 /-</u></b>	<b><u>C07D 519 /-</u></b>	2014279792	2016213792		
		<b><u>C08K 9 /-</u></b>	<b><u>C12N 5 /-</u></b>	2015218232	<b><u>E05F 5 /-</u></b>
2014220735	2013312296			<b><u>D04H 13 /-</u></b>	2013231172
<b><u>C07D 401 /-</u></b>	2013328674	2014332268	2012280941		
	<b><u>C07H 1 /-</u></b>	2014332275	2012286797	<b><u>D04H 13 /-</u></b>	2013231172
2012229279		<b><u>C08L 23 /-</u></b>	2012288249	2015218232	<b><u>E06B 1 /-</u></b>
2012311698	2012362942		2015202466	<b><u>D06N 7 /-</u></b>	2016256750
2012356374	<b><u>C07H 21 /-</u></b>	2014279702	2015202471		
2013286523		2014279792	2015202476	2016203643	<b><u>E06B 3 /-</u></b>
2013299557	2012262007	<b><u>C08L 75 /-</u></b>	<b><u>C12N 7 /-</u></b>		2013231172
2013312931	2015202466			<b><u>D21C 9 /-</u></b>	2013270620
2016200866	2015202471	2016216651	2012269684	2014229512	2014241909
<b><u>C07D 403 /-</u></b>	2015202476	<b><u>C09C 1 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D21F 1 /-</u></b>	2016200442
	2015204315				
2012328927	<b><u>C07H 3 /-</u></b>	2014283735	2012277721	2013246391	<b><u>E06B 7 /-</u></b>
2013258107		2014332268	<b><u>C12P 1 /-</u></b>		2016200442
2013299557	2012362942	2014332275		<b><u>D21H 11 /-</u></b>	2016256750
2013336787		<b><u>C09K 14 /-</u></b>	2013343595		
2016200866	<b><u>C07K 14 /-</u></b>		2013343597	2013322298	<b><u>E06C 1 /-</u></b>
			2014200700	2014229512	

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2015367280	<b>F01N 3 /-</b>	<b>F04B 27 /-</b>	2013219189 2015203222	<b>G01D 1 /-</b>	<b>G01V 1 /-</b>
<b>E06C 7 /-</b>	2014372299	2011307969	<b>F24D 19 /-</b>	2015224522	2013245550 2014323745 2015244289
2015367280	<b>F01N 5 /-</b>	<b>F04B 49 /-</b>	2015252135	<b>G01F 1 /-</b>	
<b>E21B 1 /-</b>	2013213730	2014250759	<b>F24F 11 /-</b>	2013206724 2016200349	<b>G01V 3 /-</b>
2012240637	<b>F02B 37 /-</b>	<b>F04D 1 /-</b>	2015338330	<b>G01F 25 /-</b>	2015207900
<b>E21B 10 /-</b>	2013213730	2014255695	<b>F24F 13 /-</b>	2013206724	<b>G01V 8 /-</b>
2014204499	<b>F02B 43 /-</b>	<b>F04D 29 /-</b>	2011358211	<b>G01H 9 /-</b>	2014389498
<b>E21B 17 /-</b>	2011307969	2014255695	<b>F24F 3 /-</b>	2014323745	<b>G02B 21 /-</b>
2012298868 2013213885	<b>F02B 55 /-</b>	<b>F04F 13 /-</b>	2011358211	<b>G01L 19 /-</b>	2014389498
<b>E21B 19 /-</b>	2011307969	2015243195	<b>F24J 2 /-</b>	2013298167	<b>G02B 27 /-</b>
2012298868 2012342495	<b>F02B 57 /-</b>	<b>F16B 21 /-</b>	2015252135	<b>G01M 15 /-</b>	2014239979
<b>E21B 21 /-</b>	2011307969	2015230823	<b>F25B 1 /-</b>	2013215246	<b>G02B 5 /-</b>
2013362970	<b>F02B 59 /-</b>	<b>F16G 1 /-</b>	2015338330	<b>G01N 1 /-</b>	2014312744
<b>E21B 28 /-</b>	2011307969	2012359250	<b>F25B 49 /-</b>	2014389498	<b>G02B 6 /-</b>
2012357746	<b>F02B 63 /-</b>	<b>F16G 5 /-</b>	2015338330	<b>G01N 21 /-</b>	2012387425 2013323161 2013356885 2015232529
<b>E21B 33 /-</b>	2011307969	2012359250	<b>F25J 1 /-</b>	2013349336 2013364503 2014317928 2014389498	<b>G02C 7 /-</b>
2014398772	<b>F02B 67 /-</b>	<b>F16H 21 /-</b>	2012315807	2013292564 2014373004	2014201288 2014312744
<b>E21B 4 /-</b>	2011307969	2011307969	<b>F25J 3 /-</b>	<b>G01N 23 /-</b>	
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	2012258151	<b>F24C 7 /-</b>	2015261610		

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<u>G06Q 20 /-</u>		<u>H04B 1 /-</u>	
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	2015261610		
<u>G06Q 30 /-</u>		2012356842	
	<u>H01F 7 /-</u>		
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		<u>H04J 3 /-</u>	
<u>G06Q 40 /-</u>	<u>H01H 25 /-</u>		
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		<u>H04L 12 /-</u>	
<u>G06Q 50 /-</u>	<u>H01H 3 /-</u>		
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	<u>H01H 50 /-</u>		
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<u>G06T 7 /-</u>		2014218501	
	2014398772		

**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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 (11) AU-B-2014100073  
 (21) 2014100073 (22) 28.01.2014  
 (54) TYNE WITH SEED METERING  
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 (51) Int. Cl.  
*A01C 7/18* ( 2006.01 )  
*A01B 49/06* ( 2006.01 )  
*A01C 7/20* ( 2006.01 )  
 (45) 22.06.2017  
 (72) Richard Lea, Sulman; Andrew, Far-  
 quharson  
 (74) Fisher Adams Kelly Callinans

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(71) Apple Inc.  
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 (21) 2016101980 (22) 14.11.2016  
 (54) Coil constructions for improved induct-  
 ive energy transfer  
 (51) Int. Cl.  
*H01F 5/00* ( 2006.01 )  
*H01F 27/28* ( 2006.01 )  
*H01F 38/14* ( 2006.01 )  
*H01F 41/06* ( 2006.01 )  
 (45) 22.06.2017  
 (62) PCT/US2015/032826  
 (72) GRAHAM, Christopher S.; JOL, Eric S.;  
 BRZEZINSKI, Makiko K.; THOMPSON,  
 Paul J.; YAO, Stephen E.  
 (74) FPA Patent Attorneys Pty Ltd

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**Lea, S. see Andrew, F.**  
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 (51) Int. Cl.  
*A41D 13/12* ( 2006.01 )  
 (45) 22.06.2017  
 (72) Brehaut, Vincenzina  
 (74) Wrays

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(71) PINNACLE DIVERSITY PTY LTD  
 (11) AU-B-2017100358  
 (21) 2017100358 (22) 28.03.2017  
 (54) MODULAR RAISED GARDEN BED OR  
 ENCLOSURE  
 (51) Int. Cl.  
*A01G 9/02* ( 2006.01 )  
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 (72) LIN, Oscar  
 (74) Houlihan<sup>2</sup> Pty Ltd

**Numerical Index**

**2014100073** Andrew, F.; Lea, S.  
**2016101117** Nurture NOP Pty Ltd  
**2016101980** Apple Inc.  
**2017100358** PINNACLE DIVERSITY PTY LTD

**IPC Index**

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2014100073

**A01C 7 /-**

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**A01G 9 /-**

2017100358

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2016101117

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2016101980

**H01F 38 /-**

2016101980

**H01F 41 /-**

2016101980

**H01F 5 /-**

2016101980

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2015224506 **UHS Systems Pty Ltd** ( Spectrum Electronic Systems Pty Ltd )

**Opposition Withdrawn**

2009202246 **Nova Hardware Pty Ltd** ( ASSA ABLOY Australia Pty Limited )

**Patents Granted**

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2010203542	2010235257	2010305321	2010324731
2010332246	2010342533	2010343057	2010364560
2011211336	2011214078	2011216589	2011217656
2011221239	2011225671	2011240624	2011248357
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**Patents Granted**

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2017100586	2017100587	2017100589	2017100590
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**Assignments Registered**

- 2003217030 Baxter Healthcare SA; Baxter International Inc. The patent has been assigned to **Baxalta GmbH; Baxalta Incorporated**
- 2004202459 Rayner, Graham The patent has been assigned to **Vekta Automation Pty Ltd**
- 2006319651 Creaholic S.A. The patent has been assigned to **Gjosa SA**
- 2008221838 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **BASF SE**
- 2008299617 VIBRAGLAZ (UK) LIMITED The patent has been assigned to **POTTERS-BALLOTINI LIMITED**
- 2008346517 Dyax Corporation; Baxter International Inc.; Baxter Healthcare S.A. The patent has been assigned to **Dyax Corporation; Baxalta GmbH; Baxalta Incorporated**
- 2009202221 AUSSIE GUTTER MATE PTY LTD The patent has been assigned to **CUSTOM GUTTER MESH PTY LTD**
- 2009307729 Nektar Therapeutics; Baxter International Inc.; Baxter Healthcare S.A. The patent has been assigned to **Nektar Therapeutics; Baxalta GmbH; Baxalta Incorporated**

**Assignments Registered**

- 2010206502 OBSERVANT PTY LTD The patent has been assigned to **Jain Agriculture Services Australia Pty Ltd**
- 2010284329 Baxter Healthcare S.A.; Baxter International Inc. The patent has been assigned to **Baxalta GmbH; Baxalta Incorporated**
- 2011205869 Norsk Glassgjenvinning AS The patent has been assigned to **Runway Safe IPR AB**
- 2011232222 Sun Solutions Ltd. The patent has been assigned to **Chang, Chang**
- 2011239348 Creaholic SA The patent has been assigned to **Gjosa SA**
- 2011327960 Turun Yliopisto The patent has been assigned to **Comptek Solutions Oy**
- 2012308559 Ablation Technologies, LLC The patent has been assigned to **Pilgrim, Michael**
- 2014240222 Ablation Technologies, LLC The patent has been assigned to **Pilgrim, Michael**
- 2017100461 Jia, Peiyu The patent has been assigned to **Yantai Smithde Electromechanical Equipment Manufacturing Co.,Ltd.**
- 2017100462 Jia, Peiyu The patent has been assigned to **Yantai Smithde Electromechanical Equipment Manufacturing Co.,Ltd.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2002247019 **Merck Sharp & Dohme Corp.**

The earliest first regulatory approval date provided by the patentee 11 Feb 2013

For the goods ATOZET COMPOSITE PACK ezetimibe atorvastatin  
Address for service : Spruson & Ferguson GPO Box 3898 SYDNEY NSW 2001 AU

2010259588 **Chugai Seiyaku Kabushiki Kaisha**

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

For the goods ALECENSA alectinib hydrochloride  
Address for service : FB Rice Level 23 44 Market Street Sydney NSW 2000 AU

2011291708 **Chugai Seiyaku Kabushiki Kaisha**

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

For the goods ALECENSA alectinib hydrochloride  
Address for service : FB Rice Level 23 44 Market Street Sydney NSW 2000 AU

**Corrigenda**

In Vol 25 , No 49 , Page(s) 6198 under the heading **Applications OPI - Name Index** Under the name Chicago Mercantile Exchange Inc., Application No. 2011202458, under INID (72) correct the co-inventor to Vi-etmeier, Brett

## Corrigenda

In Vol 30 , No 25 , Page(s) 3659 under the heading **Provisional Applications Filed - Name Index** Under the name Adams, T., Application No. 2016902257, under INID (71) add co-applicant Adams, C.

In Vol 31 , No 22 , Page(s) 3317 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Life Robotics Inc., Application No. 2015338049, Under INID (72) remove co-inventor Kawaguchi, Masateru; Sano, Hikaru; Kurihara, Shinji; Takase, Sosuke; Maeda, Amy

In Vol 31 , No 23 , Page(s) 3420 under the heading **Amendments - Application for Amendments** Under the name Monsanto Technology LLC, Application No. 2011296048 correct the date of the statements filed to read 22 Feb 2017 and 26 May 2017

In Vol 31 , No 23 , Page(s) 3420 under the heading **Amendments - Application for Amendments** Under the name Encompass Corporation Pty Ltd, Application No. 2013201921 correct the date of the statements filed to read 28 Feb 2017 and 10 Apr 2017

In Vol 31 , No 23 , Page(s) 3562 under the heading **Letters Patent Sealed - Standard Patents** Delete all reference to 2013231983.

In Vol 31 , No 8 , Page(s) 1260 under the heading **Applications Accepted - Name Index** Under the name Chicago Mercantile Exchange Inc., Application No. 2011202458, under INID (72) correct the co-inventor to Vietmeier, Brett

## Specifications Republished

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

2012332517 **Quark Pharmaceuticals, Inc.**  
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