



**Australian Government**

**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).

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

## Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index. This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

## Using the Indices

### 1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID 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 Provisional application <u>number</u>	(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 No.</u>	<u>ITEM</u>	<u>INID 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 No.</u>		
<b>E) Patents Certified – Name Index</b>			
The <u>name</u> of the applicant	(71)		
The <u>number</u> of the accepted document	(10)		
The <u>number</u> assigned to the application	(21)		
The <u>date</u> of filing	(22)		
The <u>title</u>	(54)		
The <u>classification marks</u>	(51)		
Priority document <u>number</u>	(31)		
<u>Date</u> of filing of priority document(s)	(32)		
<u>Country</u> in which priority document filed	(33)		
Publication <u>date</u> of granted patent	(45)		
Inventors <u>names</u>	(72)		
<u>Patent Attorneys</u>	(74)		
Related by division	(62)		

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

## **2. To Find Information About a Patent Application if You Know its Number.**

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

## **3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.**

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI - IPC Index**
- B) Applications **accepted - IPC Index**.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## **'INID' NUMBERS in use on Australian Patent Documents**

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

- (10) **Document identification**
  - (11) Number of the document
  - (12) Plain language designation of the kind of document
  - (19) WIPO country code, or other identification, of the country publishing the document.
- (20) **Document filing data**
  - (21) Number(s) assigned to the application(s).
  - (22) Date(s) of filing application(s)
  - (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
  - (24) Date from which industrial property rights may have effect.
- (30) **Priority data**
  - (31) Number(s) assigned to priority application(s)
  - (32) Date(s) of filing priority application(s)
  - (33) Country (countries) in which the priority application(s) was (were) filed.
- (40) **Date(s) of making available to the public**
  - (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
  - (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
  - (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

**(50) Technical Information**

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

**(70) Identification of parties concerned with the document**

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

- (86) PCT Application Number
- (87) PCT Publication Number

**NOTE**

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 1 June 2017**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Load and Move Pty. Ltd. v Australian Mobile Mining Equipment Systems and Accessories Pty. Limited [2017] APO 23***

Patent Application: 2012253221

Title: Cargo container

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

Opponent: Load and Move Pty. Ltd.

Delegate: Dr W.E. Guinea

Decision Date: 18 May 2017

Hearing Date: 23 February 2017, in Canberra

Catchwords: **PATENTS** – section 59 – opposition to the grant of a patent – bulk cargo container – novelty – inventive step – clarity – fair basis – priority date – manner of manufacture – opposition successful – some claims found to lack novelty – some claims found to lack inventive step under s7(2) – all other grounds unsuccessful.

Representation: Counsel for the Applicant: Ian Horak  
Patent Attorney for the Opponent: Geoff Davidson and Keith Borg of Halfords IP

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## Proceedings under the Patents Act 1990

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### Provisional Applications Filed

#### Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 16 May 2017.

(71) 3M Innovative Properties Company (21) 2017901823      (22) 16.05.2017 (54) A roof anchor	(71) Aluminium Industries Investments Pty Ltd (21) 2017901865      (22) 17.05.2017 (54) SLIDABLE HINGE APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901871      (22) 17.05.2017 (54) STEP APPARATUS, SYSTEM AND METHOD
(71) Advanced Nano Technologies Limited (21) 2017901839      (22) 17.05.2017 (54) Sunscreen Composition	(71) Aluminium Industries Investments Pty Ltd (21) 2017901866      (22) 17.05.2017 (54) UTILITY VEHICLE MOVEABLE RACKING BAR APPARATUS AND SYSTEM AND MOVEABLE RACKING BAR OPERATING METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901872      (22) 17.05.2017 (54) UTILITY VEHICLE TRAY DECK SIDE GATE ATTACHMENT APPARATUS, SYSTEM AND METHOD
(71) Aluminium Industries Investments Pty Ltd (21) 2017901860      (22) 17.05.2017 (54) GATE SECURING APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901867      (22) 17.05.2017 (54) UTILITY VEHICLE RACKING BAR WITH CHANNEL APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901873      (22) 17.05.2017 (54) UTILITY VEHICLE TRAY DECK SURFACE APPARATUS, SYSTEM, AND METHOD
(71) Aluminium Industries Investments Pty Ltd (21) 2017901861      (22) 17.05.2017 (54) DECK APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901868      (22) 17.05.2017 (54) UTILITY VEHICLE TRAY DECK MULTIPLE CHANNEL APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901874      (22) 17.05.2017 (54) UTILITY VEHICLE CORNER MODULE
(71) Aluminium Industries Investments Pty Ltd (21) 2017901862      (22) 17.05.2017 (54) DECK PLANK APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901869      (22) 17.05.2017 (54) UTILITY VEHICLE TRAY DECK MOUNTING APPARATUS, SYSTEM AND METHOD	(71) AME Pty Ltd (21) 2017901910      (22) 19.05.2017 (54) Compensated Elevator Link
(71) Aluminium Industries Investments Pty Ltd (21) 2017901863      (22) 17.05.2017 (54) UTILITY VEHICLE SIDE GATE SECURING APPARATUS, SYSTEM AND METHOD	(71) Aluminium Industries Investments Pty Ltd (21) 2017901870      (22) 17.05.2017 (54) UTILITY VEHICLE SIDE GATE SUPPORT APPARATUS, SYSTEM AND METHOD	Andersen, W. see Andersen, W. (21) 2017901909
(71) Aluminium Industries Investments Pty Ltd (21) 2017901864      (22) 17.05.2017 (54) UTILITY VEHICLE DECK CORNER APPARATUS, SYSTEM AND METHOD	(71) Andersen, W.; Andersen, W. (21) 2017901909      (22) 19.05.2017 (54) Quick Dry Floor Drying Kit.	(71) AUSTRALIAN SEMICONDUCTOR TECHNOLOGY COMPANY PTY LTD (21) 2017901821      (22) 16.05.2017 (54) Low-jitter Synchronization Over USB Interface

## Provisional Applications Filed - Name Index cont'd

- (71) Australian Title Exchange Pty Ltd  
 (21) 2017901851 (22) 17.05.2017  
 (54) Method and system for property title exchange
- 
- (71) BIG SPECIAL PTY LTD  
 (21) 2017901906 (22) 19.05.2017  
 (54) Roleplaying System
- 
- (71) Bottle Go Pty Ltd  
 (21) 2017901922 (22) 22.05.2017  
 (54) Bottle
- 
- (71) Brand Towers IP Pty Ltd  
 (21) 2017901842 (22) 17.05.2017  
 (54) A MODULAR AND MOBILE DISPLAY AND CUSTOMER INTERACTION STRUCTURE
- 
- (71) braybrook, p.  
 (21) 2017901859 (22) 17.05.2017  
 (54) Demand Compressed Electrolysis method
- 
- (71) CCL SECURE PTY LTD  
 (21) 2017901840 (22) 17.05.2017  
 (54) A BANKNOTE, A METHOD OF PRODUCING A BANKNOTE, A COATING FOR A BANKNOTE AND A SECURITY FEATURE FOR A BANKNOTE
- 
- (71) CENTRAL QUEENSLAND UNIVERSITY  
 (21) 2017901886 (22) 18.05.2017  
 (54) Smart Draft Gear
- 
- (71) Chavez, P.; Rowe, A.  
 (21) 2017901807 (22) 15.05.2017  
 (54) Employee Downtime Utilisation System and Method
- 
- (71) Clark, G.  
 (21) 2017901882 (22) 18.05.2017  
 (54) Power Play Sport Auctions
- 
- (71) Clohessy, L.  
 (21) 2017901915 (22) 21.05.2017  
 (54) magnablock
- 
- (71) Cool Mine Pty Ltd  
 (21) 2017901813 (22) 16.05.2017  
 (54) Cooling device
- 
- (71) Country Cocky Pty Ltd  
 (21) 2017901799 (22) 15.05.2017  
 (54) Valve for Large Scale Irrigation
- 
- (71) Country Cocky Pty Ltd  
 (21) 2017901907 (22) 19.05.2017  
 (54) VALVE FOR LARGE SCALE IRRIGATION
- 
- (71) CSR Building Products Limited  
 (21) 2017901801 (22) 15.05.2017  
 (54) REDUCED FOOTPRINT WALL
- 
- (71) CSR Building Products Limited  
 (21) 2017901919 (22) 22.05.2017  
 (54) CONDUIT SUPPORT
- 
- (71) DARBY, R.  
 (21) 2017901889 (22) 18.05.2017  
 (54) Drive unit for robotic manipulators
- 
- (71) Diamond Optics Pty Ltd  
 (21) 2017901818 (22) 16.05.2017  
 (54) Mobile Telecommunications System
- 
- (71) DISCOVERY AG PTY LTD  
 (21) 2017901817 (22) 16.05.2017  
 (54) A telemeterised system for verifying reported crop area yields
- 
- (71) Donkin, M.  
 (21) 2017901804 (22) 15.05.2017  
 (54) A slidably retractable canopy system for utility vehicles, trucks and trailers
- 
- (71) Donkin, M.  
 (21) 2017901805 (22) 15.05.2017  
 (54) A canopy system having retractable sections for utility vehicles, trucks and trailers
- 
- (71) Dynamic Engineering Solutions  
 (21) 2017901913 (22) 21.05.2017  
 (54) Reverse Inverted Strut Damper
- 
- (71) Dynamic Engineering Solutions  
 (21) 2017901914 (22) 21.05.2017  
 (54) In-Shaft Adjustment Mechanism for a Damper
- 
- (71) Ecovation Innovation Pty Ltd  
 (21) 2017901884 (22) 18.05.2017  
 (54) A Connecting Assembly
- 
- (71) Edith Cowan University  
 (21) 2017901921 (22) 22.05.2017  
 (54) Biomarker of disease
- 
- (71) Elsen Stone Pty Ltd  
 (21) 2017901798 (22) 15.05.2017  
 (54) roxnblox
- 
- (71) EnTransit Pty Ltd  
 (21) 2017901905 (22) 19.05.2017  
 (54) METHOD AND APPARATUS AIMING TO ADDRESS NON-VALIDATION OF TICKETS AND FARE EVASION ON PUBLIC TRANSPORT VEHICLES
- 
- (71) FCI Holdings Delaware, Inc.  
 (21) 2017901844 (22) 17.05.2017  
 (54) Dolly
- 
- (71) FCT ACTech Pty Ltd  
 (21) 2017901819 (22) 16.05.2017  
 (54) Method and Apparatus for Analysing Particulate Material
- 
- (71) Furion Property Holdings Limited  
 (21) 2017901838 (22) 17.05.2017  
 (54) Vehicle light fixture for connecting a camera
- 
- (71) Furion Robotics Inc.  
 (21) 2017901841 (22) 17.05.2017  
 (54) CONTROL SYSTEM FOR MACHINE JOINTS
- 
- (71) Gell, G.  
 (21) 2017901833 (22) 17.05.2017  
 (54) Improved Travel Pillow
- 
- (71) Geou, G.  
 (21) 2017901911 (22) 20.05.2017  
 (54) THE BALL RETRIEVER
- 
- Grant, D. see Grant, G.**  
 (21) 2017901815
- 
- (71) Grant, G.; Grant, D.  
 (21) 2017901815 (22) 16.05.2017  
 (54) Multimedia enhancements for replica stadium-type gameplay apparatus
- 
- Griffith University see The Governors of the University of Alberta**  
 (21) 2017901825
- 
- (71) H2V Pty Ltd  
 (21) 2017901829 (22) 16.05.2017  
 (54) Vodka made with water infused with a high concentration of molecular hydrogen
- 
- (71) Higgins, B.  
 (21) 2017901816 (22) 16.05.2017  
 (54) Fence safety attachment.

## Provisional Applications Filed - Name Index cont'd

- (71) HIT Southern Pty Ltd  
 (21) 2017901917 (22) 22.05.2017  
 (54) USE OF MALTED BARLEY SPROUT AND YEAST DIGESTS TO IMPROVE A RESPONSE TO A METABOLIC STRESS
- 
- (71) HIT Southern Pty Ltd  
 (21) 2017901918 (22) 22.05.2017  
 (54) TREATMENT OF DIABETES
- 
- (71) Hushpak Engineering Pty Limited  
 (21) 2017901828 (22) 16.05.2017  
 (54) Device & Method for Attenuating Sound associated with a Wheel
- 
- (71) Huygens, F.  
 (21) 2017901846 (22) 17.05.2017  
 (54) Biomarkers And Uses Thereof
- 
- (71) Iamadillo Pty Ltd  
 (21) 2017901879 (22) 18.05.2017  
 (54) A COVER
- 
- (71) Industrial Adhesives Australasia Pty Ltd  
 (21) 2017901832 (22) 16.05.2017  
 (54) IMPROVED PAPER BASED WIPE PRODUCT
- 
- (71) Infinisea Pty Ltd  
 (21) 2017901899 (22) 19.05.2017  
 (54) Fertiliser Dispenser
- 
- (71) Intrex Pty Ltd  
 (21) 2017901858 (22) 17.05.2017  
 (54) HIGH SPEED COMMERCIAL OVEN
- 
- Katelaris, N. see Katelaris, P.**  
 (21) 2017901802
- 
- Katelaris, A. see Katelaris, P.**  
 (21) 2017901802
- 
- (71) Katelaris, P.; Katelaris, N.; Katelaris, A.  
 (21) 2017901802 (22) 15.05.2017  
 (54) Surgical Clip
- 
- (71) Kelly, S.  
 (21) 2017901806 (22) 15.05.2017  
 (54) A LONG RANGE SCANNER DEVICE FOR READING UNIQUE IDENTIFICATION INFORMATION AND A SYSTEM INCLUDING SAME
- 
- (71) Kortek Industries Pty Ltd  
 (21) 2017901822 (22) 16.05.2017  
 (54) Configurable Wireless Power Control And Management
- 
- (71) Lines, W.J.  
 (21) 2017901900 (22) 19.05.2017  
 (54) Vehicle Electrical Isolation System
- 
- (71) Lithgow, B.  
 (21) 2017901878 (22) 18.05.2017  
 (54) Vestibulo-acoustic signal processing
- 
- (71) McDermott, D.  
 (21) 2017901852 (22) 17.05.2017  
 (54) Idea for a national race horse competition "The Gloaming Challenge" run over four furlongs to set a new Australian record with horses from all states competing. The final to be run in Flemington.
- 
- (71) McKenzie, N.  
 (21) 2017901897 (22) 19.05.2017  
 (54) System and apparatus for recovering gold
- 
- (71) MEQ Probe Pty Ltd  
 (21) 2017901826 (22) 16.05.2017  
 (54) METHODS AND SYSTEMS FOR ASSESSING QUALITY OF A MEAT PRODUCT
- 
- (71) Miles, D.  
 (21) 2017901916 (22) 22.05.2017  
 (54) APPARATUS AND METHOD FOR DRIVING FENCE POSTS
- 
- (71) Mitcon Group Pty Ltd  
 (21) 2017901849 (22) 17.05.2017  
 (54) FASTENING ASSEMBLY
- 
- (71) Modzelewski, R.  
 (21) 2017901883 (22) 18.05.2017  
 (54) PROCESS OF USING PHOTGRAMMETRY TO GENERATE A MODEL
- 
- (71) Monash University  
 (21) 2017901908 (22) 19.05.2017  
 (54) Predicting responders to cyclophosphamide therapy
- 
- (71) Moore, K.  
 (21) 2017901810 (22) 15.05.2017  
 (54) HANDLE WRAP FOR FLEXIBLE TUB
- 
- (71) MyVelog Pty Ltd  
 (21) 2017901857 (22) 17.05.2017  
 (54) A VEHICLE RECORD SYSTEM
- 
- (71) Nelson, P.  
 (21) 2017901803 (22) 15.05.2017  
 (54) APPARATUS
- 
- (71) Nelson, P.  
 (21) 2017901896 (22) 19.05.2017  
 (54) APPARATUS
- 
- (71) NewSouth Innovations Pty Limited  
 (21) 2017901835 (22) 17.05.2017  
 (54) Method and apparatus for an electrolytic process
- 
- (71) Nguyen, H.  
 (21) 2017901812 (22) 16.05.2017  
 (54) A device for in-transit object securement
- 
- (71) Nivaru B.V.  
 (21) 2017901830 (22) 16.05.2017  
 (54) A VALVE FOR A HEAT TRANSFER CIRCUIT, A VALVE SYSTEM AND A HEAT TRANSFER CIRCUIT
- 
- (71) Noppen, P.  
 (21) 2017901848 (22) 17.05.2017  
 (54) League Speed Rugby and Junior League Speed Rugby
- 
- (71) Nuheara Pty Ltd  
 (21) 2017901904 (22) 19.05.2017  
 (54) A SYSTEM FOR CONFIGURING A HEARING DEVICE
- 
- (71) O'Connor, T.  
 (21) 2017901811 (22) 16.05.2017  
 (54) Improvements in vehicle restraints
- 
- (71) Outback Grain Co Pty Ltd  
 (21) 2017901820 (22) 16.05.2017  
 (54) Beverage and Process for Production of a Beverage
- 
- (71) Paranjape, D.  
 (21) 2017901901 (22) 19.05.2017  
 (54) Synchronised cargo deck cargo handling system unitising facility/rig mounted heave compensated landing platform and automated cargo planning system
- 
- (71) Peyton, A.  
 (21) 2017901831 (22) 16.05.2017  
 (54) Packaging Recyclability Evaluation Portal - PREP
- 
- (71) Pforn Pty Ltd  
 (21) 2017901881 (22) 18.05.2017  
 (54) Method and application for recognition of a mobile communication device from other Bluetooth devices regardless of the discoverability state of the mobile communication device.

## Provisional Applications Filed - Name Index cont'd

(71) POKERNOW PTY LTD  
 (21) 2017901877 (22) 18.05.2017  
 (54) Poker-Type Card Game

Pongrac, C. see Pongrac, I.  
 (21) 2017901903

Pongrac, J. see Pongrac, I.  
 (21) 2017901903

(71) Pongrac, I.; Pongrac, C.; Pongrac, J.  
 (21) 2017901903 (22) 19.05.2017  
 (54) RETAIL DISPLAY DEVICE

(71) PortaGrid Systems Pty Ltd  
 (21) 2017901895 (22) 18.05.2017  
 (54) PORTABLE POWER STATION AND  
 ARRAY MODULE ATTACHMENT  
 THEREFOR

(71) QUATRO DESIGN PTY. LTD.  
 (21) 2017901856 (22) 17.05.2017  
 (54) DRAINAGE APPARATUS

(71) Real Time Dynamics Pty Ltd  
 (21) 2017901845 (22) 17.05.2017  
 (54) Real Time Environment Control System  
 for a Data Centre

(71) Reid, J.  
 (21) 2017901912 (22) 20.05.2017  
 (54) Vertical Axis Fluid Driven Turbine

(71) Rheem Australia Pty Limited  
 (21) 2017901887 (22) 18.05.2017  
 (54) Location Based Temperature Limit  
 Control for a Water Heater

(71) RMB Innovation Pty Ltd  
 (21) 2017901885 (22) 18.05.2017  
 (54) A Levelling Device Mounting Assembly

Rowe, A. see Chavez, P.  
 (21) 2017901807

(71) SAI Global Limited; SAI Global Property  
 Division Pty Ltd  
 (21) 2017901890 (22) 18.05.2017  
 (54) Document processing system and  
 method

SAI Global Limited see SAI Global Prop-  
 erty Division Pty Ltd  
 (21) 2017901891

SAI Global Limited see SAI Global Prop-  
 erty Division Pty Ltd  
 (21) 2017901892

SAI Global Limited see SAI Global Prop-  
 erty Division Pty Ltd  
 (21) 2017901893

SAI Global Limited see SAI Global Prop-  
 erty Division Pty Ltd  
 (21) 2017901894

SAI Global Property Division Pty Ltd see  
 SAI Global Limited  
 (21) 2017901890

(71) SAI Global Property Division Pty Ltd;  
 SAI Global Limited  
 (21) 2017901891 (22) 18.05.2017  
 (54) Document processing system and  
 method

(71) SAI Global Property Division Pty Ltd;  
 SAI Global Limited  
 (21) 2017901892 (22) 18.05.2017  
 (54) Document processing system and  
 method

(71) SAI Global Property Division Pty Ltd;  
 SAI Global Limited  
 (21) 2017901893 (22) 18.05.2017  
 (54) Document processing system and  
 method

(71) SAI Global Property Division Pty Ltd;  
 SAI Global Limited  
 (21) 2017901894 (22) 18.05.2017  
 (54) Document processing system and  
 method

(71) Schnall, D.  
 (21) 2017901808 (22) 15.05.2017  
 (54) A rating system for members of the service industry. The invention would be a mobile and computer application to allow consumers to rate the service of individuals across hospitality, tourism, trades and services, commercial, public and private employment sectors, and enable employers to track their employees' performance levels. Usage would require a subscription to the service. It may also encompass an element of tracking the level of beverage and food consumption in restaurants and the cleanliness of toilets, so facilitate the best service provided to patrons.

(71) Sea Box International Pty Ltd  
 (21) 2017901834 (22) 17.05.2017  
 (54) A STAND

(71) Seleznev, A.  
 (21) 2017901875 (22) 17.05.2017  
 (54) Method for adsorbent regeneration

(71) SOURY, G.  
 (21) 2017901837 (22) 17.05.2017  
 (54) Heating and Cooling Airflow Chair

(71) Spotcrunch Pty Ltd  
 (21) 2017901800 (22) 15.05.2017  
 (54) System and Method for Transacting  
 Trending Assets

(71) Sussii Pty Ltd  
 (21) 2017901847 (22) 17.05.2017  
 (54) SOCIAL NETWORK-BASED TRAVEL  
 SYSTEMS AND METHODS

(71) Tacca Industries Pty Ltd  
 (21) 2017901855 (22) 17.05.2017  
 (54) A tray

(71) Technological Resources Pty. Limited  
 (21) 2017901853 (22) 17.05.2017  
 (54) A TRAIN LOADING SYSTEM

(71) Technological Resources Pty. Limited  
 (21) 2017901854 (22) 17.05.2017  
 (54) A TRAIN LOADING SYSTEM

(71) The Governors of the University of Alberta; Griffith University  
 (21) 2017901825 (22) 16.05.2017  
 (54) CROSS-REACTIVE MALARIA PROTEIN, ANTIBODIES THERETO AND METHODS OF USE

(71) UNIVERSITY OF TASMANIA  
 (21) 2017901898 (22) 19.05.2017  
 (54) Device and method for interfacing two separation techniques

(71) University of Technology Sydney  
 (21) 2017901824 (22) 16.05.2017  
 (54) OMNI-DIRECTIONAL CIRCULARLY POLARISED 5G ANTENNA

(71) VAND Technology Pty Ltd  
 (21) 2017901827 (22) 16.05.2017  
 (54) FLUID HEATING METHOD AND APPARATUS

(71) VBreathe Pty Ltd  
 (21) 2017901850 (22) 17.05.2017  
 (54) Apparatus for Air Cleaning

(71) Verrall, J.  
 (21) 2017901836 (22) 17.05.2017  
 (54) IMPROVED BOLT APPARATUS

Provisional Applications Filed - Name Index cont'd

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(71) Violent Silence Pty Ltd  
(21) 2017901843      (22) 17.05.2017  
(54) Ambulatory, wearable back brace

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(71) Walker, S.  
(21) 2017901814      (22) 16.05.2017  
(54) An electronic device for wireless network traffic monitoring for proximal wireless communication device location tracking identification

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(71) WANG, S.A.  
(21) 2017901876      (22) 18.05.2017  
(54) A LOADBINDER

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(71) Woodside Energy Technologies Pty Ltd  
(21) 2017901888      (22) 18.05.2017  
(54) A BARGE FOR AND METHOD OF  
WATER COOLING AN ONSHORE  
LNG PRODUCTION PLANT

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(71) XNOVA PTY LTD  
(21) 2017901902      (22) 19.05.2017  
(54) Lighting system

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(71) Xobemit Pty Ltd  
(21) 2017901880      (22) 18.05.2017  
(54) Methods And Systems Associated With  
Providing A Recipient With Data From  
An Originator

## Numerical Index

2017901798	Elsen Stone Pty Ltd	2017901865	Aluminium Industries Investments Pty Ltd
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2017901800	Spotcrunch Pty Ltd	2017901867	Aluminium Industries Investments Pty Ltd
2017901801	CSR Building Products Limited	2017901868	Aluminium Industries Investments Pty Ltd
2017901802	Katelaris, P.; Katelaris, N.; Katelaris, A.	2017901869	Aluminium Industries Investments Pty Ltd
2017901803	Nelson, P.	2017901870	Aluminium Industries Investments Pty Ltd
2017901804	Donkin, M.	2017901871	Aluminium Industries Investments Pty Ltd
2017901805	Donkin, M.	2017901872	Aluminium Industries Investments Pty Ltd
2017901806	Kelly, S.	2017901873	Aluminium Industries Investments Pty Ltd
2017901807	Chavez, P.; Rowe, A.	2017901874	Aluminium Industries Investments Pty Ltd
2017901808	Schnall, D.	2017901875	Seleznev, A.
2017901810	Moore, K.	2017901876	WANG, S.A.
2017901811	O'Connor, T.	2017901877	POKERNOW PTY LTD
2017901812	Nguyen, H.	2017901878	Lithgow, B.
2017901813	Cool Mine Pty Ltd	2017901879	Iamadillo Pty Ltd
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2017901815	Grant, G.; Grant, D.	2017901881	Pfonr Pty Ltd
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2017901817	DISCOVERY AG PTY LTD	2017901883	Modzelewski, R.
2017901818	Diamond Optics Pty Ltd	2017901884	Ecovation Innovation Pty Ltd
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2017901823	3M Innovative Properties Company	2017901889	DARBY, R.
2017901824	University of Technology Sydney	2017901890	SAI Global Limited; SAI Global Property Division Pty Ltd
2017901825	The Governors of the University of Alberta; Griffith University	2017901891	SAI Global Property Division Pty Ltd; SAI Global Limited
2017901826	MEQ Probe Pty Ltd	2017901892	SAI Global Property Division Pty Ltd; SAI Global Limited
2017901827	VAND Technology Pty Ltd	2017901893	SAI Global Property Division Pty Ltd; SAI Global Limited
2017901828	Hushpak Engineering Pty Limited	2017901894	SAI Global Property Division Pty Ltd; SAI Global Limited
2017901829	H2V Pty Ltd	2017901895	PortaGrid Systems Pty Ltd
2017901830	Nivaru B.V.	2017901896	Nelson, P.
2017901831	Peyton, A.	2017901897	McKenzie, N.
2017901832	Industrial Adhesives Australasia Pty Ltd	2017901898	UNIVERSITY OF TASMANIA
2017901833	Gell, G.	2017901899	Infinisea Pty Ltd
2017901834	Sea Box International Pty Ltd	2017901900	Lines, W.J.
2017901835	NewSouth Innovations Pty Limited	2017901901	Paranjape, D.
2017901836	Verrall, J.	2017901902	XNOVA PTY LTD
2017901837	SOURY, G.	2017901903	Pongrac, I.; Pongrac, C.; Pongrac, J.
2017901838	Furrion Property Holdings Limited	2017901904	Nuheara Pty Ltd
2017901839	Advanced Nano Technologies Limited	2017901905	EnTransit Pty Ltd
2017901840	CCL SECURE PTY LTD	2017901906	BIG SPECIAL PTY LTD
2017901841	Furrion Robotics Inc.	2017901907	Country Cocky Pty Ltd
2017901842	Brand Towers IP Pty Ltd	2017901908	Monash University
2017901843	Violent Silence Pty Ltd	2017901909	Andersen, W.; Andersen, W.
2017901844	FCI Holdings Delaware, Inc.	2017901910	AME Pty Ltd
2017901845	Real Time Dynamics Pty Ltd	2017901911	Geou, G.
2017901846	Huygens, F.	2017901912	Reid, J.
2017901847	Sussii Pty Ltd	2017901913	Dynamic Engineering Solutions
2017901848	Noppen, P.	2017901914	Dynamic Engineering Solutions
2017901849	Mitcon Group Pty Ltd	2017901915	Clohessy, L.
2017901850	VBreathe Pty Ltd	2017901916	Miles, D.
2017901851	Australian Title Exchange Pty Ltd	2017901917	HIT Southern Pty Ltd
2017901852	McDermott, D.	2017901918	HIT Southern Pty Ltd
2017901853	Technological Resources Pty. Limited	2017901919	CSR Building Products Limited
2017901854	Technological Resources Pty. Limited	2017901921	Edith Cowan University
2017901855	Tacca Industries Pty Ltd	2017901922	Bottle Go Pty Ltd
2017901856	QUATRO DESIGN PTY. LTD.		
2017901857	MyVelog Pty Ltd		
2017901858	Intrex Pty Ltd		
2017901859	braybrook, p.		
2017901860	Aluminium Industries Investments Pty Ltd		
2017901861	Aluminium Industries Investments Pty Ltd		
2017901862	Aluminium Industries Investments Pty Ltd		
2017901863	Aluminium Industries Investments Pty Ltd		
2017901864	Aluminium Industries Investments Pty Ltd		

**Complete Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 16 May 2017.

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

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(71) 24/7 Customer, Inc.  
 (21) 2017203306 (22) 17.05.2017  
 (54) AD-WORDS OPTIMIZATION BASED ON PERFORMANCE ACROSS MULTIPLE CHANNELS  
 (62) 2013355411

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(71) 3M Innovative Properties Company  
 (21) 2017203368 (22) 19.05.2017  
 (54) Mockup representing a dental arch including analogs approximating orthodontic brackets and method of making the mockup  
 (62) 2013359874

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(71) ABB Schweiz AG  
 (21) 2017203179 (22) 12.05.2017  
 (54) A medium voltage contactor  
 (31) 16174129.3 (32) 13.06.16 (33) EP

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(71) Acceleron Pharma Inc.  
 (21) 2017203192 (22) 12.05.2017  
 (54) Combined use of GDF traps and erythropoietin receptor activators to increase red blood cell levels  
 (62) 2015203400

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(71) Accenture Global Solutions Limited  
 (21) 2017203355 (22) 19.05.2017  
 (54) GENERATING EXEMPLAR ELECTRONIC DOCUMENTS USING SEMANTIC CONTEXT  
 (31) 15/170,030 (32) 01.06.16 (33) US

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(71) Aconex Limited  
 (21) 2017203170 (22) 12.05.2017  
 (54) Improved Information management systems and methods  
 (62) 2012276286

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(71) Advance DX, Inc.  
 (21) 2017203286 (22) 16.05.2017  
 (54) Method of processing a fluid sample using a fluid separator multi-layer device  
 (62) 2015202260

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(71) AEROLENS GROUP PTY LTD  
 (21) 2017203165 (22) 12.05.2017  
 (54) Method and System for Collection of Photographic Data  
 (31) 2016904578 (32) 09.11.16 (33) AU

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(71) Air Change Pty Limited  
 (21) 2017203185 (22) 12.05.2017  
 (54) A low dew point air dehumidification assembly  
 (31) 2016901813 (32) 16.05.16 (33) AU

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(71) Air Products and Chemicals, Inc.  
 (21) 2017203215 (22) 15.05.2017  
 (54) LIQUEFACTION METHOD AND SYSTEM  
 (31) 15/160,209 (32) 20.05.16 (33) US

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(71) Air Products and Chemicals, Inc.  
 (21) 2017203304 (22) 17.05.2017  
 (54) COMPRESSED GAS DISPENSING  
 (31) 62/356,086 (32) 29.06.16 (33) US  
 16170898.7 23.05.16 EP  
 15/465,723 22.03.17 US

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(71) Al Hanbali, O.  
 (21) 2017203330 (22) 18.05.2017  
 (54) FORMULATIONS FOR BABY ANIMALS

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(71) Aluminium Specialties Group Pty Ltd  
 (21) 2017203386 (22) 19.05.2017  
 (54) Multipart louvre blade assembly  
 (31) 2016901880 (32) 19.05.16 (33) AU

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(71) Amazon Technologies, Inc.  
 (21) 2017203274 (22) 16.05.2017  
 (54) BURST MODE CONTROL  
 (62) 2014302426

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(71) AMEC Foster Wheeler Americas Limited  
 (21) 2017203352 (22) 19.05.2017  
 (54) PROCESS FOR IN-SITU LEACHING OF HIGH-GRADE URANIUM DEPOSITS  
 (31) 62/410,030 (32) 19.10.16 (33) US

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(71) American Greetings Corporation  
 (21) 2017203241 (22) 15.05.2017  
 (54) HINGED GREETING CARDS AND GIFT CARD HOLDERS  
 (31) 62/339,888 (32) 22.05.16 (33) US

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(71) Apple Inc.  
 (21) 2017203287 (22) 16.05.2017

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(54) Device, method, and graphical user interface for organizing and presenting a collection of media items  
 (62) 2014238116

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(71) Aprecia Pharmaceuticals Company  
 (21) 2017203365 (22) 19.05.2017  
 (54) Rapidly dispersible dosage form of oxcarbazepine  
 (62) 2014228063

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(71) Aragon Pharmaceuticals, Inc.  
 (21) 2017203385 (22) 19.05.2017  
 (54) Methods and compositions for determining resistance to androgen receptor therapy  
 (62) 2013295543

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(71) Arctek Industrial Co., Ltd.  
 (21) 2017203198 (22) 12.05.2017  
 (54) Adjustment Mechanism of Door Closer Device  
 (31) 106108060 (32) 10.03.17 (33) TW  
 105127232 25.08.16 TW  
 105141414 14.12.16 TW

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017203174 (22) 12.05.2017  
 (54) A GAMING SYSTEM, A METHOD OF GAMING AND A CONTROLLER  
 (62) 2015207941

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017203238 (22) 15.05.2017  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER  
 (62) 2015230783

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017203301 (22) 17.05.2017  
 (54) GAMING MACHINES, METHODS OF GAMING AND GAMING SYSTEMS  
 (62) 2015230781

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017203303 (22) 17.05.2017

## Complete Applications Filed - Name Index cont'd

- (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROL-LER  
(62) 2015230784
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2017203350 (22) 19.05.2017  
(54) A GAMING SYSTEM AND A METHOD OF GAMING  
(62) 2015200983
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2017203195 (22) 12.05.2017  
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROL-LER  
(62) 2015230695
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2017203201 (22) 12.05.2017  
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROL-LER  
(62) 2015230754
- 
- (71) Asator Global Technologies LLC  
(21) 2017203255 (22) 15.05.2017  
(54) Surge suppression system for medium and high voltage  
(62) 2015274548
- 
- (71) ASSA ABLOY Australia Pty Limited  
(21) 2017203388 (22) 19.05.2017  
(54) A lock assembly for use with a door and packaging for the lock assembly  
(31) 2016901915 (32) 20.05.16 (33) AU
- 
- (71) ATI Properties LLC  
(21) 2017203311 (22) 17.05.2017  
(54) METHODS FOR PROCESSING TITANIUM ALLOYS  
(62) 2013360096
- 
- (71) ATYR Pharma, Inc  
(21) 2017203261 (22) 16.05.2017  
(54) Aminoacyl tRNA synthetases for modulating inflammation  
(62) 2014210626
- 
- (71) Avery Dennison Corporation  
(21) 2017203298 (22) 17.05.2017  
(54) COOLING UNIT FOR MICROREPLICATION  
(62) 2011336832
- 
- (71) Backsaver 2005, LLC  
(21) 2017203277 (22) 16.05.2017
- 
- (54) DRILL ATTACHMENT HAVING AN ADAPTER COMPONENT  
(31) 15/333,366 (32) 25.10.16 (33) US
- 
- (71) BALTEK CO., LIMITED  
(21) 2017203230 (22) 15.05.2017  
(54) BOTTLE HAVING WATER VOLUME MEASURING FUNCTION  
(31) 105115633 (32) 19.05.16 (33) TW
- 
- (71) BASF Australia Ltd  
(21) 2017203194 (22) 12.05.2017  
(54) Treatment of Aqueous Suspensions  
(62) 2015201107
- 
- (71) Becton, Dickinson and Company  
(21) 2017203284 (22) 16.05.2017  
(54) Leak-free stopper for a syringe assembly having low breakloose and sustaining forces  
(62) 2014342598
- 
- (71) Behr Process Corporation  
(21) 2017203256 (22) 16.05.2017  
(54) Energy saving self-cleaning roof paint  
(31) 15/158,751 (32) 19.05.16 (33) US
- 
- Bignill, M. see Capano, V.**  
(21) 2017203208
- 
- (71) BioAtla, LLC  
(21) 2017203243 (22) 15.05.2017  
(54) Simultaneous, Integrated Selection and Evolution of Antibody/Protein Performance and Expression in Production Hosts  
(62) 2015243076
- 
- BioNTech AG see Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten**  
(21) 2017203332
- 
- (71) Biosense Webster, Inc.  
(21) 2017203297 (22) 17.05.2017  
(54) CATHETER HAVING A FORCE SENSING DISTAL TIP  
(62) 2015203170
- 
- (71) Biosynthetic Technologies, LLC  
(21) 2017203283 (22) 16.05.2017  
(54) Diels Alder based estolide and lubricant compositions  
(62) 2013345136
- 
- Biron, K. see Jefferies, W.**  
(21) 2017203339
- 
- (71) Blaise, G.  
(21) 2017203290 (22) 16.05.2017
- 
- (54) Multidrug infusion for pain control  
(31) 15/157,716 (32) 18.05.16 (33) US  
2,930,563 18.05.16 CA
- 
- (71) BLUESCOPE STEEL LIMITED  
(21) 2017203262 (22) 16.05.2017  
(54) CORROSION PROTECTION WITH AL/ZN-BASED COATINGS  
(62) 2015213419
- 
- (71) Boston Biomedical, Inc.  
(21) 2017203239 (22) 15.05.2017  
(54) Novel Methods for Targeting Cancer Stem Cells  
(62) 2015218436
- 
- (71) Bovell, C.  
(21) 2017203314 (22) 17.05.2017  
(54) FIRE-RETARDANT MATTRESS AND METHOD OF MANUFACTURE THEREOF  
(62) PCT/AU2016/050335
- 
- (71) Britax Romer Kindersicherheit GmbH  
(21) 2017203338 (22) 18.05.2017  
(54) ADJUSTABLE LAP STRAP SYSTEM  
(62) 2013201143
- 
- (71) Campbell-Lloyd, P.  
(21) 2017203288 (22) 16.05.2017  
(54) DECKING OR FLOORING SYSTEM, AND COMPONENTS THEREFOR  
(62) 2010330686
- 
- (71) Capano, V.; Bignill, M.; Colak, M.  
(21) 2017203208 (22) 12.05.2017  
(54) METHOD AND APPARATUS FOR APPLYING A CHARM ELEMENT  
(62) 2012247082
- 
- (71) Case Western Reserve University  
(21) 2017203309 (22) 17.05.2017  
(54) Patterned stimulation intensity for neural stimulation  
(62) 2014366175
- 
- (71) Case Western Reserve University  
(21) 2017203310 (22) 17.05.2017  
(54) Passive check-in  
(62) 2014254103
- 
- (71) Caterpillar Global Mining LLC  
(21) 2017203242 (22) 15.05.2017  
(54) Control systems for a mining vehicle  
(62) 2014205355
- 
- (71) CellConTec GmbH  
(21) 2017203285 (22) 16.05.2017  
(54) FOAMING AGENT FOR BUILDING MATERIAL/BINDER PASTES  
(31) 10 2016 109 751.9 (32) 26.05.16 (33) DE

## Complete Applications Filed - Name Index cont'd

(71) CFPH, LLC  
 (21) 2017203279 (22) 16.05.2017  
 (54) SYSTEM FOR PEER-TO-PEER WIRE-  
 LESS GAMING  
 (62) 2015213331

(71) CFPH, LLC  
 (21) 2017203345 (22) 19.05.2017  
 (54) GAME AT CASH REGISTER  
 (62) 2015203714

**Children's Medical Center Corporation see  
 President and Fellows of Harvard College**  
 (21) 2017203220

(71) Chimerix Inc.  
 (21) 2017203315 (22) 17.05.2017  
 (54) Morphic Forms of Hexadecycloxypro-  
 pyl-Phosphonate Esters  
 (62) 2017202386

(71) Clever Design Solutions Pty Ltd  
 (21) 2017203197 (22) 12.05.2017  
 (54) Deterring insects from accessing a  
 building  
 (31) 2016901767 (32) 12.05.16 (33) AU

**Colak, M. see Capano, V.**  
 (21) 2017203208

(71) Cortex Composites, LLC  
 (21) 2017203289 (22) 16.05.2017  
 (54) Nonwoven cementitious composite for  
 in-situ hydration  
 (62) 2012332568

(71) Covidien  
 (21) 2017203337 (22) 18.05.2017  
 (54) Protuberant aneurysm bridging device  
 and method of use  
 (62) 2012332300

(71) Covidien AG  
 (21) 2017203336 (22) 18.05.2017  
 (54) Battery powered modular surgical  
 device  
 (62) 2014203804

(71) Covidien LP  
 (21) 2017203265 (22) 16.05.2017  
 (54) Cutting member for a surgical instru-  
 ment  
 (31) 15/157,059 (32) 17.05.16 (33) US

(71) Covidien LP  
 (21) 2017203266 (22) 16.05.2017  
 (54) Adapter assembly including a remov-  
 able trocar assembly  
 (31) 15/157,136 (32) 17.05.16 (33) US

(71) Covidien LP  
 (21) 2017203282 (22) 16.05.2017  
 (54) Surgical instrument having a bipolar  
 end effector assembly and a deployable  
 monopolar assembly  
 (62) 2015221567

(71) Covidien LP  
 (21) 2017203335 (22) 18.05.2017  
 (54) Surgical fastening with W-shaped sur-  
 gical fasteners  
 (31) 15/181,767 (32) 14.06.16 (33) US

(71) Covidien LP  
 (21) 2017203359 (22) 19.05.2017  
 (54) Modular microwave generators and  
 methods for operating modular mi-  
 crowave generators  
 (31) 15/598,391 (32) 18.05.17 (33) US  
 62/338,599 19.05.16 US

(71) Darcey, J.  
 (21) 2017203067 (22) 09.05.2017  
 (54) A system of framing and presenting art-  
 works on paper which will eliminate the  
 problems associated with traditional  
 moulding and glass presentation sys-  
 tems.  
 (31) 2017901313 (32) 10.04.17 (33) AU

(71) Deere & Company  
 (21) 2017203232 (22) 15.05.2017  
 (54) System and method for modifying tire  
 pressure in agricultural equipment  
 (31) 15/183,343 (32) 15.06.16 (33) US

(71) DePuy Synthes Products, Inc.  
 (21) 2017203371 (22) 19.05.2017  
 (54) ENDOVASCULAR DETACHMENT  
 SYSTEM WITH FLEXIBLE DISTAL  
 END AND HEATER ACTIVATED DE-  
 TACHMENT  
 (31) 15/170,204 (32) 01.06.16 (33) US

(71) Dexcom, Inc.  
 (21) 2017203366 (22) 19.05.2017  
 (54) Advanced calibration for analyte  
 sensors  
 (62) 2014242360

**Dickstein, D. see Jefferies, W.**  
 (21) 2017203339

**Diener, R. see Milner, W.**  
 (21) 2017203321

(71) Diogenes Limited  
 (21) 2017203168 (22) 12.05.2017

(54) POOL WAGERING APPARATUS,  
 METHODS AND SYSTEMS  
 (62) 2015221438

(71) Dow AgroSciences LLC  
 (21) 2017203177 (22) 12.05.2017  
 (54) Constructs for expressing transgenes  
 using regulatory elements from Setaria  
 ubiquitin genes  
 (62) 2014312164

(71) Dow AgroSciences LLC  
 (21) 2017203178 (22) 12.05.2017  
 (54) Constructs for expressing transgenes  
 using regulatory elements from Brachy-  
 podium ubiquitin 1C genes  
 (62) 2014312166

(71) Dow AgroSciences LLC  
 (21) 2017203180 (22) 12.05.2017  
 (54) Constructs for expressing transgenes  
 using regulatory elements from Brachy-  
 podium ubiquitin genes  
 (62) 2014312223

(71) Dow AgroSciences LLC  
 (21) 2017203182 (22) 12.05.2017  
 (54) Constructs for expressing transgenes  
 using regulatory elements from panic-  
 um ubiquitin genes  
 (62) 2014312222

(71) DuPont Nutrition Biosciences ApS  
 (21) 2017203253 (22) 15.05.2017  
 (54) FEED ADDITIVE COMPOSITION  
 (62) 2013298499

**DX Biosciences, Inc see The Regents of  
 the University of California**  
 (21) 2017203389

(71) EDITH COWAN UNIVERSITY  
 (21) 2017203296 (22) 17.05.2017  
 (54) ACTIVE PROBE, SYSTEM AND  
 METHOD FOR PEST DETECTION  
 (62) 2012276287

(71) Engeneic Molecular Delivery Pty Ltd  
 (21) 2017203234 (22) 15.05.2017  
 (54) DELIVERING FUNCTIONAL NUCLE-  
 IC ACIDS TO MAMMALIAN CELLS  
 VIA BACTERIALLY DERIVED, INTACT  
 MINICELLS  
 (62) 2013203202

(71) Equalaire Systems, Inc.  
 (21) 2017203183 (22) 12.05.2017  
 (54) Rotary union for automatic tire inflation  
 system  
 (62) 2014340018

## Complete Applications Filed - Name Index cont'd

- (71) Exosome Diagnostics, Inc.  
 (21) 2017203231 (22) 15.05.2017  
 (54) Method For Isolation Of Nucleic Acid Containing Particles And Extraction Of Nucleic Acids Therefrom  
 (62) 2011326366
- 
- (71) Facebook, Inc.  
 (21) 2017203200 (22) 12.05.2017  
 (54) Grammar model for search queries  
 (31) 15/489,027 (32) 17.04.17 (33) US  
 (62) 2015221436
- 
- (71) Facebook, Inc.  
 (21) 2017203364 (22) 19.05.2017  
 (54) Distributed cache for graph data  
 (62) 2016203589
- 
- (71) Ferag AG  
 (21) 2017203308 (22) 17.05.2017  
 (54) A method and an appliance for separating individual, flat, flexible products from the lower side of a stack  
 (31) 00681/16 (32) 26.05.16 (33) CH
- 
- (71) Ferag AG  
 (21) 2017203325 (22) 18.05.2017  
 (54) Carriage for a rail-guided conveying system and conveying system comprising such a carriage  
 (31) 00694/16 (32) 31.05.16 (33) CH
- 
- (71) Ferag AG  
 (21) 2017203353 (22) 19.05.2017  
 (54) A feed appliance for feeding products onto a further-processing appliance  
 (31) 00692/16 (32) 30.05.16 (33) CH
- 
- (71) Foundation Medicine, Inc.  
 (21) 2017203322 (22) 18.05.2017  
 (54) Optimization of multigene analysis of tumor samples  
 (62) 2011352070
- 
- (71) Fruitsymbiose Inc.  
 (21) 2017203346 (22) 19.05.2017  
 (54) Edible coating composition and uses thereof  
 (62) 2015205911
- 
- (71) Fuji Xerox Co., Ltd.  
 (21) 2017203166 (22) 12.05.2017  
 (54) Systems and methods for secure location-based document viewing  
 (62) 2015213380
- 
- (71) GEIB, U.  
 (21) 2017203204 (22) 12.05.2017  
 (54) Melting furnace having an infinite furnace campaign  
 (62) 2015255180
- 
- (71) GENENCOR INTERNATIONAL, INC.  
 (21) 2017203294 (22) 16.05.2017  
 (54) PROCESS FOR CONVERSION OF GRANULAR STARCH TO ETHANOL  
 (62) 2015255171
- 
- Genomatica, Inc. see Mitsubishi Chemical Corporation**  
 (21) 2017203214
- 
- (71) Gilead Pharmasset LLC  
 (21) 2017203327 (22) 18.05.2017  
 (54) Antiviral Compounds  
 (62) 2015252077
- 
- (71) GlaxoSmithKline Biologicals SA  
 (21) 2017203189 (22) 12.05.2017  
 (54) Expression systems  
 (62) 2011351380
- 
- (71) Glen Raven, Inc.  
 (21) 2017203191 (22) 12.05.2017  
 (54) Outdoor fabric  
 (62) 2016213765
- 
- (71) Gogo LLC  
 (21) 2017203203 (22) 12.05.2017  
 (54) Hybrid Communications For Devices On Vehicles  
 (62) 2014346521
- 
- (71) Google Inc.  
 (21) 2017203264 (22) 16.05.2017  
 (54) EFFICIENT COMMUNICATION FOR DEVICES OF A HOME NETWORK  
 (62) 2014302724
- 
- (71) Google Inc.  
 (21) 2017203275 (22) 16.05.2017  
 (54) METHOD TO ADAPT ADS RENDERED IN A MOBILE DEVICE BASED ON EXISTENCE OF OTHER MOBILE APPLICATIONS  
 (62) 2012250931
- 
- (71) Griffith University  
 (21) 2017203184 (22) 12.05.2017  
 (54) CARBONIC ANHYDRASE INHIBITORS
- 
- (71) GSW Creative Corporation  
 (21) 2017203333 (22) 18.05.2017  
 (54) A vaporization device, method of using the device, a charging case, a kit, and a vibration assembly  
 (31) 15/158,572 (32) 18.05.16 (33) US
- 
- (71) Hagleitner, H.  
 (21) 2017203219 (22) 15.05.2017  
 (54) CONTAINER  
 (62) 2014366863
- 
- (71) Harnischfeger Technologies, Inc.  
 (21) 2017203382 (22) 19.05.2017  
 (54) Controlling a digging operation of an industrial machine  
 (62) 2016201403
- 
- (71) Hercuwall Inc  
 (21) 2017203291 (22) 16.05.2017  
 (54) Stronger wall system  
 (62) 2012261812
- 
- (71) Hessing-Roper, P.  
 (21) 2017203356 (22) 02.05.2017  
 (54) MACHINERY FOR ANTNUCLEAR MISSILE CUTTING DISARMING, RELOCATING ATTACHMENT DEVICE ON LAND, AIR, SEA, UNDERWATER, SPACE, UNDERGROUND  
 (31) 62/373,235 (32) 08.10.16 (33) AU PCT/ IB2017/000378  
 (62) 62/373,235
- 
- (71) Hobie Cat Company  
 (21) 2017203269 (22) 16.05.2017  
 (54) Adjustable kayak chair IM  
 (62) 2015294428
- 
- (71) Honeywell International Inc.  
 (21) 2017203245 (22) 15.05.2017  
 (54) Low GWP heat transfer compositions containing difluoromethane, a fluorinated ethane and 1,3,3-tetrafluoropropene  
 (62) 2016203157
- 
- (71) Honeywell International Inc.  
 (21) 2017203247 (22) 15.05.2017  
 (54) Low GWP heat transfer compositions  
 (62) 2013348300
- 
- (71) Honeywell International Inc.  
 (21) 2017203372 (22) 19.05.2017  
 (54) System and method for robust real-time control of regular automated production  
 (62) 2013235623
- 
- (71) Howmedica Osteonics Corp.,  
 (21) 2017203369 (22) 19.05.2017  
 (54) EXPANDABLE INTERBODY IMPLANT WITH LORDOSIS CORRECTION  
 (31) 62/339,459 (32) 20.05.16 (33) US
- 
- (71) Humanscale Corporation  
 (21) 2017203292 (22) 16.05.2017  
 (54) Lamp  
 (31) 15/180,008 (32) 11.06.16 (33) US
- 
- (71) Imago Pharmaceuticals, Inc.  
 (21) 2017203272 (22) 16.05.2017

## Complete Applications Filed - Name Index cont'd

- (54) Inhibitors of LRRK2 kinase activity  
 (62) 2012258977
- 
- (71) ImmunoBiology Limited  
 (21) 2017203173 (22) 12.05.2017  
 (54) Method For The Production Of Protein Complexes And Vaccine Compositions Comprising The Same  
 (62) 2012232878
- 
- (71) Incube Labs, LLC  
 (21) 2017203224 (22) 15.05.2017  
 (54) DEVICE, SYSTEM AND METHOD FOR MONITORING AND COMMUNICATING BIOMETRIC DATA OF A DIVER  
 (62) 2015202040
- 
- (71) Intrexon Actobiotics NV  
 (21) 2017203281 (22) 16.05.2017  
 (54) Polycistronic expression system for bacteria  
 (62) 2012264589
- 
- (71) Intrexon Corporation  
 (21) 2017203273 (22) 16.05.2017  
 (54) Engineered cells expressing multiple immunomodulators and uses thereof  
 (62) 2015234302
- 
- (71) Jain Irrigation Systems Limited  
 (21) 2017203202 (22) 12.05.2017  
 (54) Modulated cyclic flow (MCF) drip irrigation systems  
 (62) 2012360005
- 
- (71) Jain Irrigation Systems Limited  
 (21) 2017203249 (22) 15.05.2017  
 (54) Apparatus and method of manufacturing pressure compensator type drip irrigation tubes with desired molecular orientation and tubes obtained thereby  
 (62) 2012204739
- 
- (71) JBT Steel Industries Inc.  
 (21) 2017203186 (22) 12.05.2017  
 (54) Method and apparatus for suspending duct by inserted corner members  
 (62) 2014306551
- 
- (71) Jefferies, W.; Biron, K.; Dickstein, D.  
 (21) 2017203339 (22) 18.05.2017  
 (54) Methods for diagnosing and treating Alzheimer's disease by administering an antiangiogenic agent  
 (62) 2012286493
- 
- (71) Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten; BioNTech AG  
 (21) 2017203332 (22) 18.05.2017
- 
- (54) IDENTIFICATION OF TUMOR-ASSOCIATED ANTIGENS FOR DIAGNOSIS AND THERAPY  
 (62) 2013206613
- 
- (71) KABUSHIKI KAISHA TOSHIBA  
 (21) 2017203354 (22) 19.05.2017  
 (54) DECODING DEVICE AND DECODING METHOD  
 (62) 2015213330
- 
- (71) Kawasaki Jukogyo Kabushiki Kaisha  
 (21) 2017203196 (22) 12.05.2017  
 (54) Method of and Apparatus for Producing Saccharified Solution By Using Biomass as Raw Material, and Continuous Reactor  
 (62) 2014371906
- 
- (71) KCI Licensing, Inc.  
 (21) 2017203229 (22) 15.05.2017  
 (54) Systems and methods for delivering fluid to a wound therapy dressing  
 (62) 2013208271
- 
- Kennedy, K. see Tyratech Inc.**  
 (21) 2017203324
- 
- (71) Kortek Industries Pty Ltd  
 (21) 2017203254 (22) 15.05.2017  
 (54) Modular Wireless Power, Light and Automation Control  
 (62) 2015230813
- 
- (71) Kuhn S.A.  
 (21) 2017203248 (22) 15.05.2017  
 (54) MOWER WITH CUTTER BAR CONTAINING ROTARY DISKS WITH CUTTERS  
 (31) 1670280 (32) 01.06.16 (33) FR
- 
- (71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (21) 2017203320 (22) 18.05.2017  
 (54) COMPRESSION METHOD AND APPARATUS FOR AN APPARATUS FOR CAPTURING CO<sub>2</sub> BY LOW-TEMPERATURE SEPARATION  
 (31) 1654808 (32) 27.05.16 (33) FR
- 
- (71) Learningworks Limited  
 (21) 2017203171 (22) 12.05.2017  
 (54) Improvements in Animal Traps  
 (62) 2012321403
- 
- (71) Lebnan, A.  
 (21) 2017203278 (22) 16.05.2017  
 (54) A dedicated TV channel to be used as a TV guide and a platform for advertising.
- 
- (71) LifeCell Corporation  
 (21) 2017203362 (22) 19.05.2017  
 (54) Device for harvesting, processing, and transferring adipose tissue  
 (62) 2013267772
- 
- (71) LifeCell Corporation  
 (21) 2017203367 (22) 19.05.2017  
 (54) Processed adipose tissue  
 (62) 2013323747
- 
- (71) Liu, Z.  
 (21) 2017203210 (22) 12.05.2017  
 (54) BANDSAW APPARATUS AND ADJUSTMENT METHOD
- 
- (71) Macsim Fastenings Pty Limited  
 (21) 2017203260 (22) 16.05.2017  
 (54) STEPPED TIP SELF-DRILLING SCREW
- 
- (71) Magic Leap, Inc.  
 (21) 2017203227 (22) 15.05.2017  
 (54) Wide-field of view (FOV) imaging devices with active foveation capability  
 (62) 2013243380
- 
- McPharlin, P.J. see McPharlin, J.B.**  
 (21) 2017203343
- 
- (71) McPharlin, J.B.; McPharlin, P.J.  
 (21) 2017203343 (22) 18.05.2017  
 (54) ANCHOR PEG ASSEMBLY  
 (31) 2016901889 (32) 19.05.16 (33) AU
- 
- (71) Measday, B.J.; Niesingh, M.R.  
 (21) 2017203228 (22) 15.05.2017  
 (54) IMPROVED PLANT SURROUND  
 (31) 2016902043 (32) 30.05.16 (33) AU
- 
- (71) Medical Symbiosis Pty Ltd  
 (21) 2017203300 (22) 17.05.2017  
 (54) FASTING FORMULATION AND USE THEREOF
- 
- (71) Meiji Seika Pharma Co., Ltd.  
 (21) 2017203187 (22) 12.05.2017  
 (54) Optically-active diazabicyclooctane derivative and method for manufacturing same  
 (62) 2011346224
- 
- (71) Metactive Medical, Inc.  
 (21) 2017203213 (22) 15.05.2017  
 (54) BALLSTENT DEVICE AND METHODS OF USE  
 (62) 2012207387
- 
- (71) Metactive Medical, Inc.  
 (21) 2017203233 (22) 15.05.2017

## Complete Applications Filed - Name Index cont'd

(54) BLOCKSTENT DEVICE AND METHODS OF USE  
 (62) 2012207618

(71) Microsoft Technology Licensing, LLC  
 (21) 2017203263 (22) 16.05.2017  
 (54) Arranging tiles  
 (62) 2011375741

(71) Midland Distributors Limited  
 (21) 2017203167 (22) 12.05.2017  
 (54) Granular fertilizer and soil conditioning formulations  
 (31) 720140 (32) 13.05.16 (33) NZ

(71) Milner, W.; Diener, R.  
 (21) 2017203321 (22) 18.05.2017  
 (54) MOUNTING FIXTURE OF A CONNECTION FIXTURE  
 (62) PCT/AU2015/000668

(71) Milux Holding S.A.  
 (21) 2017203329 (22) 18.05.2017  
 (54) Apparatus and methods for treating intestinal disorder  
 (62) 2015200338

(71) Mitsubishi Chemical Corporation; Genomatica, Inc.  
 (21) 2017203214 (22) 15.05.2017  
 (54) POLYESTER AND POLYURETHANE PRODUCTION METHOD  
 (62) 2013272716

(71) Mocoffee AG  
 (21) 2017203375 (22) 19.05.2017  
 (54) Apparatus and capsule for making a drink  
 (62) 2014262252

(71) NCH Corporation  
 (21) 2017203271 (22) 16.05.2017  
 (54) Composition and method of manufacturing overbased sulfonate modified lithium carboxylate grease  
 (31) 62/338,327 (32) 18.05.16 (33) US 15/594,006 12.05.17 US

Niesingh, M.R. see Measday, B.J.  
 (21) 2017203228

(71) Nordic Minesteel Technologies Inc.  
 (21) 2017203347 (22) 19.05.2017  
 (54) Counterweight ore chute system  
 (62) 2015285967

(71) Norgine BV  
 (21) 2017203257 (22) 16.05.2017  
 (54) COLONOSCOPY-PREPARATION  
 (62) 2012228065

(71) Novartis AG  
 (21) 2017203258 (22) 16.05.2017  
 (54) Respirable agglomerates of porous carrier particles and micronized drug  
 (62) 2014229265

(71) Novartis AG  
 (21) 2017203342 (22) 18.05.2017  
 (54) Cationic oil-in-water emulsions  
 (62) 2012280904

(71) Novartis AG  
 (21) 2017203358 (22) 19.05.2017  
 (54) MINIMAL PULSATION OPHTHALMIC PROBE  
 (62) 2015241566

(71) NOVARTIS AG  
 (21) 2017203236 (22) 15.05.2017  
 (54) SALT AND SOLVATES OF A TETRAHYDROISOQUINOLINE DERIVATIVE  
 (62) 2015238774

(71) NOY PTY LTD  
 (21) 2017203237 (22) 15.05.2017  
 (54) N-One Pyro 12 Gauge Adaptor - designed to fit 15mm pyrotechnic ammunition so that a 12 gauge shot gun can be used instead of a launcher that requires a Category H licence.

(71) Omrix Biopharmaceuticals Ltd.  
 (21) 2017203259 (22) 16.05.2017  
 (54) IMMUNOGLOBULIN REDUCED IN THROMBOGENIC AGENTS AND PREPARATION THEREOF  
 (62) 2012257371

(71) OPTICA AMUKA (A.A) LTD  
 (21) 2017203252 (22) 15.05.2017  
 (54) LENSES WITH ELECTRICALLY-TUNABLE POWER AND ALIGNMENT  
 (62) 2013322130

(71) Optis Cellular Technology, LLC  
 (21) 2017203209 (22) 12.05.2017  
 (54) Methods and systems for scheduling resources in a telecommunication system  
 (62) 2015200479

(71) Otis Elevator Company  
 (21) 2017203376 (22) 19.05.2017  
 (54) Elevator notice system  
 (31) 15/176,994 (32) 08.06.16 (33) US

(71) Pfizer Inc.  
 (21) 2017203334 (22) 18.05.2017

(54) Tofacitinib oral sustained release dosage forms  
 (62) 2014233850

(71) PIONEER HI-BRED INTERNATIONAL, INC.  
 (21) 2017203293 (22) 16.05.2017  
 (54) QTLS ASSOCIATED WITH AND METHODS FOR IDENTIFYING WHOLE PLANT FIELD RESISTANCE TO SCLEROTINIA  
 (62) 2011349148

(71) President and Fellows of Harvard College; Children's Medical Center Corporation  
 (21) 2017203220 (22) 15.05.2017  
 (54) METHODS AND USES FOR EX VIVO TISSUE CULTURE SYSTEMS  
 (62) 2012262139

(71) President and Fellows of Harvard College  
 (21) 2017203302 (22) 17.05.2017  
 (54) CONTINUOUS DIRECTED EVOLUTION  
 (62) 2011348204

(71) President and Fellows of Harvard College  
 (21) 2017203349 (22) 19.05.2017  
 (54) COMPOSITIONS OF TOEHOLD PRIMER DUPLEXES AND METHODS OF USE  
 (62) 2011319755

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
 (21) 2017203280 (22) 16.05.2017  
 (54) Surrogates of post-translationally modified proteins and uses thereof  
 (62) 2012214259

(71) Purdue Research Foundation  
 (21) 2017203340 (22) 18.05.2017  
 (54) Synthesis And Composition Of Amino Acid Linking Groups Conjugated To Compounds Used For The Targeted Imaging Of Tumors  
 (62) 2013383382

(71) Rearden, LLC  
 (21) 2017203172 (22) 12.05.2017  
 (54) SYSTEMS AND METHODS TO ENHANCE SPATIAL DIVERSITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS SYSTEMS  
 (62) 2013262546

(71) Reeves Wireline Technologies Limited  
 (21) 2017203270 (22) 16.05.2017

## Complete Applications Filed - Name Index cont'd

(54) Method of correcting mineral ore density logs  
 (31) 1608832.0 (32) 19.05.16 (33) GB

(71) REG Life Sciences, LLC  
 (21) 2017203360 (22) 19.05.2017  
 (54) Production of fatty acids and derivatives thereof  
 (62) 2015238773

(71) Reid Lifting Limited  
 (21) 2017203175 (22) 12.05.2017  
 (54) A TROLLEY  
 (62) 2012257576

(71) Ryan, S.  
 (21) 2017203190 (22) 12.05.2017  
 (54) A Protective Attachment for a Hat or Helmet  
 (31) 2016901788 (32) 13.05.16 (33) AU

(71) S&C Electric Company  
 (21) 2017203377 (22) 19.05.2017  
 (54) POWER GRID PHOTO-VOLTAIC INTEGRATION USING DISTRIBUTED ENERGY STORAGE AND MANAGEMENT  
 (62) 2013274314

(71) Sagabio Co. Ltd  
 (21) 2017203225 (22) 15.05.2017  
 (54) A monoclonal antibody inhibiting immunosuppressive functions of pathogens, antigen-binding fragment thereof, and hybridomas producing such antibody  
 (31) 15/165,723 (32) 26.05.16 (33) US

(71) Salutaris Medical Devices, Inc.  
 (21) 2017203380 (22) 19.05.2017  
 (54) Methods and devices for minimally-invasive extraocular delivery of radiation to the posterior portion of the eye  
 (62) 2015204094

(71) Samsung Electronics Co., Ltd.  
 (21) 2017203384 (22) 19.05.2017  
 (54) METHOD AND APPARATUS FOR HIERARCHICAL DATA UNIT-BASED VIDEO ENCODING AND DECODING COMPRISING QUANTIZATION PARAMETER PREDICTION  
 (62) 2016200289

(71) Schneider Electric (Australia) Pty Limited  
 (21) 2017203370 (22) 19.05.2017  
 (54) LOCKABLE SWITCH INTERFACE  
 (31) 2016901883 (32) 19.05.16 (33) AU

(71) Seagull IP Pty Ltd  
 (21) 2017203326 (22) 18.05.2017

(54) A delivery system and process  
 (62) 2015203712

(71) Seiko Epson Corporation  
 (21) 2017203181 (22) 12.05.2017  
 (54) Printing material container  
 (62) 2015202901

(71) Selecta Biosciences, Inc.  
 (21) 2017203307 (22) 17.05.2017  
 (54) OSMOTIC MEDIATED RELEASE SYNTHETIC NANOCARRIERS  
 (62) 2012236937

(71) Siemens Aktiengesellschaft  
 (21) 2017203387 (22) 19.05.2017  
 (54) Penetrator device for high pressure application  
 (31) 16171939.8 (32) 30.05.16 (33) EP

(71) Siluria Technologies, Inc.  
 (21) 2017203318 (22) 17.05.2017  
 (54) Catalysts for oxidative coupling of methane  
 (62) 2012258698

(71) Simpson Strong-Tie Company Inc.  
 (21) 2017203268 (22) 16.05.2017  
 (54) Deck Board Fasteners And Methods  
 (31) 62/352,191 (32) 20.06.16 (33) US  
 15/437,830 21.02.17 US

(71) Sisgrass B.V.  
 (21) 2017203199 (22) 12.05.2017  
 (54) DEVICE FOR INSERTING ARTIFICIAL GRASS STRANDS INTO THE GROUND  
 (62) 2016212811

(71) Smart Medical Systems Ltd  
 (21) 2017203207 (22) 12.05.2017  
 (54) ENDOSCOPE ASSEMBLY  
 (62) 2015200767

(71) Smith, J.  
 (21) 2017203328 (22) 18.05.2017  
 (54) An intraoral orthosis for mandibular advancement for snoring and obstructive sleep apnoea  
 (31) 2016901853 (32) 18.05.16 (33) AU

(71) Snap-on Incorporated  
 (21) 2017203176 (22) 12.05.2017  
 (54) Remote wrench handle and accessories  
 (62) 2016200654

**State Grid Corporation of China see State Grid Hunan Electric Power Company**  
 (21) 2017203361

**State Grid Hunan Electric Company Disaster Prevention and Reduction Center**  
 see **State Grid Hunan Electric Power Company**  
 (21) 2017203361

(71) State Grid Hunan Electric Power Company; State Grid Hunan Electric Company Disaster Prevention and Reduction Center; State Grid Corporation of China  
 (21) 2017203361 (22) 19.05.2017  
 (54) METHOD AND SYSTEM FOR PREDICTING DENSITY OF WILD FIRE FOR OVERHEAD TRANSMISSION LINES  
 (31) 201610355448.4 (32) 25.05.16 (33) CN

(71) Sucampo AG  
 (21) 2017203276 (22) 16.05.2017  
 (54) Method for modulating cytokine activity  
 (62) 2012246999

(71) Synedgen, Inc.  
 (21) 2017203312 (22) 17.05.2017  
 (54) Methods And Compositions For Disrupting Biofilm Utilizing Chitosan-Derivative Compounds  
 (62) 2015255317

(71) Synthes GmbH  
 (21) 2017203218 (22) 15.05.2017  
 (54) SUTURE ANCHOR SYSTEM AND METHOD  
 (62) 2012273397

(71) Tagivan II LLC  
 (21) 2017203193 (22) 12.05.2017  
 (54) Filtering method, moving picture coding apparatus, moving picture decoding apparatus, and moving picture coding and decoding apparatus  
 (62) 2012221587

(71) Tata Consultancy Services Limited  
 (21) 2017203299 (22) 17.05.2017  
 (54) TRAINING INDUCTIVE LOGIC PROGRAMMING ENHANCED DEEP BELIEF NETWORK MODELS FOR DISCRETE OPTIMIZATION  
 (31) 201621041570 (32) 05.12.16 (33) IN

(71) TELEFLEX LIFE SCIENCES  
 (21) 2017203305 (22) 17.05.2017  
 (54) METHOD OF MAKING A READY-TO-USE CATHETER ASSEMBLY AND A READY-TO-USE CATHETER ASSEMBLY  
 (31) 16001196.1 (32) 25.05.16 (33) EP

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- (71) Thales Holdings UK Plc  
 (21) 2017203188 (22) 12.05.2017  
 (54) Magnetic phase transition exploitation for enhancement of electromagnets  
 (31) 1608685.2 (32) 17.05.16 (33) GB
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- (71) The Australian National University  
 (21) 2017203205 (22) 12.05.2017  
 (54) Frequency conversion of electromagnetic radiation
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- (71) The Johns Hopkins University  
 (21) 2017203206 (22) 12.05.2017  
 (54) Papanicolaou test for ovarian and endometrial cancers  
 (62) 2013338393
- 
- (71) The Regents of the University of California; DX Biosciences, Inc  
 (21) 2017203389 (22) 19.05.2017  
 (54) Compositions For Solubilizing Cells And/Or Tissue  
 (62) 2012380348
- 
- (71) Torqeedo GmbH  
 (21) 2017203163 (22) 12.05.2017  
 (54) Electric boat drive  
 (31) 16001098.9 (32) 13.05.16 (33) EP
- 
- (71) Torqeedo GmbH  
 (21) 2017203164 (22) 12.05.2017  
 (54) Mounting for boat drive  
 (31) 16001097.1 (32) 13.05.16 (33) EP
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- (71) Toyo Seikan Group Holdings, Ltd.  
 (21) 2017203357 (22) 19.05.2017  
 (54) RESIN STRUCTURE HAVING A LIQUID LAYER ON THE SURFACE THEREOF  
 (62) 2016277552
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- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA  
 (21) 2017203240 (22) 15.05.2017  
 (54) Control device for internal combustion engine  
 (31) 2016-133436 (32) 05.07.16 (33) JP  
 2017-035824 28.02.17 JP
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- (71) Troy Corporation  
 (21) 2017203313 (22) 17.05.2017  
 (54) Octylisothiazolinone dispersions
- 
- (71) Trufab Farm Machinery Pty Ltd  
 (21) 2017203317 (22) 17.05.2017  
 (54) A Tool Attachment  
 (31) 2016901849 (32) 18.05.16 (33) AU
- 
- (71) Tyratech Inc.; Kennedy, K.  
 (21) 2017203324 (22) 18.05.2017
- 
- (54) Lice control composition and method  
 (62) 2014238477
- 
- (71) UK BUILDING PRODUCTS LTD  
 (21) 2017203319 (22) 17.05.2017  
 (54) A SELF-DRILLING DRYWALL ANCHOR AND A METHOD OF SECURING AN ANCHOR IN A DRYWALL  
 (31) GB1609327.0 (32) 26.05.16 (33) GB
- 
- (71) Unifrax I LLC  
 (21) 2017203216 (22) 15.05.2017  
 (54) Inorganic fiber  
 (62) 2014239226
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- (71) University of North Carolina at Chapel Hill  
 (21) 2017203235 (22) 15.05.2017  
 (54) METHOD OF ENGRAFTING CELLS FROM SOLID TISSUES  
 (62) 2015205872
- 
- (71) University of Southern California  
 (21) 2017203323 (22) 18.05.2017  
 (54) Methods and compositions for inducing apoptosis by stimulating ER stress  
 (62) 2014218439
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- (71) Uranium Beneficiation Pty Ltd  
 (21) 2017203379 (22) 19.05.2017  
 (54) Improved uranium ore processing using hydrocyclone beneficiation  
 (62) PCT/AU2016/000040
- 
- (71) Uranium Beneficiation Pty Ltd  
 (21) 2017203383 (22) 19.05.2017  
 (54) Beneficiation process for enhancing uranium mineral processing  
 (62) PCT/AU2017/000043
- 
- (71) Vawdrey Australia Pty. Ltd.  
 (21) 2017203316 (22) 17.05.2017  
 (54) An Improved Arrangement for an Articulated Vehicle, such as for a Trailer of a B-Double or B-Triple Vehicle  
 (31) 2016902766 (32) 14.07.16 (33) AU
- 
- (71) Vawdrey Australia Pty. Ltd.  
 (21) 2017203344 (22) 19.05.2017  
 (54) Improvements Relating to Sliding Posts and/or Sliding Suspended Gates for Curtain Sided Trucks and Trailers  
 (31) 2016904387 (32) 27.10.16 (33) AU
- 
- (71) Virdia, Inc.  
 (21) 2017203211 (22) 14.05.2017  
 (54) METHODS FOR TREATING LIGNO-CELLULOSIC MATERIALS  
 (62) 2013256049
- 
- (71) Visa International Service Association  
 (21) 2017203341 (22) 18.05.2017  
 (54) Electronic wallet checkout platform apparatuses, methods and systems  
 (62) 2012278963
- 
- (71) VISA International Service Association  
 (21) 2017203295 (22) 16.05.2017  
 (54) UNIVERSAL VALUE EXCHANGE APPARATUSES, METHODS AND SYSTEMS  
 (62) 2012205511
- 
- (71) VISA International Service Association  
 (21) 2017203373 (22) 19.05.2017  
 (54) PROVISIONING PAYMENT CREDENTIALS TO A CONSUMER  
 (62) 2014294613
- 
- (71) Vyome Biosciences Pvt. Ltd.  
 (21) 2017203374 (22) 19.05.2017  
 (54) Coated particles and compositions comprising same  
 (62) 2014276460
- 
- (71) W. L. Gore & Associates, Inc.  
 (21) 2017203267 (22) 16.05.2017  
 (54) Endoprosthesis  
 (62) 2015268627
- 
- (71) Wellesley Pharmaceuticals, LLC  
 (21) 2017203246 (22) 15.05.2017  
 (54) Extended-release formulation for reducing the frequency of urination and method of use thereof  
 (62) 2013235507
- 
- White, M. see WHITE, G.**  
 (21) 2017203212
- 
- (71) WHITE, G.; White, M.  
 (21) 2017203212 (22) 14.05.2017  
 (54) The invention is called a WEIGH LOCK BEAM. It is device for the mounting of weighing equipment on a heavy road transport trailer used for the transport of shipping containers, and the facilitating of the weighing of shipping containers when loaded onto the trailer.
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- (71) Wright Medical Technology, Inc.  
 (21) 2017203351 (22) 19.05.2017  
 (54) FIXATION DEVICE  
 (62) 2014321173
- 
- (71) X Development LLC  
 (21) 2017203363 (22) 19.05.2017  
 (54) High frequency bi-directional AC power transmission  
 (62) 2014374395

## Complete Applications Filed - Name Index cont'd

(71) Yang, T.  
(21) 2017203381      (22) 19.05.2017  
(54) Carrier device capable of varying contact damping with pressured displacement  
(31) 15/159,962      (32) 20.05.16 (33) US

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(71) YU, S.  
(21) 2017203378      (22) 19.05.2017  
(54) Combination Cooling And Heating Fan Structure  
(31) 105116857      (32) 30.05.16 (33) TW

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(71) Zoetis Services LLC  
(21) 2017203244      (22) 15.05.2017  
(54) Immunogenic Bordetella bronchiseptica compositions  
(62) 2012213035

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(71) Zurn Industries, LLC  
(21) 2017203250      (22) 15.05.2017  
(54) HOT WATER VALVE WITH INTEGRAL THERMOSTATIC MIXING CART-RIDGE  
(31) 62/342,480      (32) 27.05.16 (33) US  
15/592,404                  11.05.17      US

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(71) Zurn Industries, LLC  
(21) 2017203251      (22) 15.05.2017  
(54) FAUCET ASSEMBLY INCLUDING A THERMOSTATIC MIXING CART-RIDGE  
(31) 62/342,365      (32) 27.05.16 (33) US  
62/372,469                  09.08.16      US  
15/592,349                  11.05.17      US

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2017203197	Clever Design Solutions Pty Ltd	2017203269	Hobie Cat Company
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2017203204	GEIB, U.	2017203276	Sucampo AG
2017203205	The Australian National University	2017203277	Backsaver 2005, LLC
2017203206	The Johns Hopkins University	2017203278	Lebnan, A.
2017203207	Smart Medical Systems Ltd	2017203279	CFPH, LLC
2017203208	Capano, V.; Bignill, M.; Colak, M.	2017203280	PRESIDENT AND FELLOWS OF HARVARD COL- LEGE
2017203209	Optis Cellular Technology, LLC	2017203281	Intrexon Actibiotics NV
2017203210	Liu, Z.	2017203282	Covidien LP
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2017203212	WHITE, G.; White, M.	2017203284	Becton, Dickinson and Company
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2017203302	President and Fellows of Harvard College	2017203372	Honeywell International Inc.
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2017203319	UK BUILDING PRODUCTS LTD	2017203389	The Regents of the University of California; DX Biosciences, Inc
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2017203321	Milner, W.; Diener, R.		
2017203322	Foundation Medicine, Inc.		
2017203323	University of Southern California		
2017203324	Tyratech Inc.; Kennedy, K.		
2017203325	Ferag AG		
2017203326	Seagull IP Pty Ltd		
2017203327	Gilead Pharmasset LLC		
2017203328	Smith, J.		
2017203329	Milux Holding S.A.		
2017203330	Al Hanbali, O.		
2017203332	Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten; BioNTech AG		
2017203333	GSW Creative Corporation		
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2017203349	President and Fellows of Harvard College		
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**Innovation Patent Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 16 May 2017 .  
 (This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Aeroklas Company Limited (21) 2017100532      (22) 15.05.2017 (54) Pickup Truck Tailgate Lift Assist Device (31) 1603000823      (32) 17.05.16 (33) TH 1603002599                  22.12.16      TH	(71) Apple Inc. (21) 2017100558      (22) 17.05.2017 (54) User interface for transactions (31) 62/348,893      (32) 11.06.16 (33) US 15/351,230                  14.11.16      US	(71) GRAMPIANS ADVENTURE SERVICES PTY. LTD. (21) 2017100530      (22) 12.05.2017 (54) Portaledge Picnics - meals provided for customers who abseil down on a rock-face to a portaledge. Patent the idea, the activity and the name.
(71) Apple Inc. (21) 2017100528      (22) 12.05.2017 (54) Keyboard (62) 2017100150	(71) Armanous-Dib, A. (21) 2017100552      (22) 17.05.2017 (54) Jet Brush	(71) Gray, C. (21) 2017100531      (22) 15.05.2017 (54) A FISHING DIGIT PROTECTOR (31) 2016901787      (32) 13.05.16 (33) AU
(71) Apple Inc. (21) 2017100534      (22) 15.05.2017 (54) Devices, methods, and graphical user interfaces for manipulating user interface objects with visual and/or haptic feedback (31) 62/349,096      (32) 12.06.16 (33) US 15/231,745                  08.08.16      US	(71) Attwal, H. (21) 2017100566      (22) 18.05.2017 (54) A Portable Salon Assembly and Method of Use Thereof	(71) Hou, J. (21) 2017100569      (22) 18.05.2017 (54) Head & Face shape adjuster
(71) Apple Inc. (21) 2017100535      (22) 15.05.2017 (54) Devices, methods, and graphical user interfaces for manipulating user interface objects with visual and/or haptic feedback (31) 62/349,096      (32) 12.06.16 (33) US 15/272,341                  21.09.16      US 15/231,745                  08.08.16      US	(71) Beiyuan Australia Pty Ltd (21) 2017100547      (22) 17.05.2017 (54) Shearing handpiece	(71) Illinois Tool Works Inc. (21) 2017100548      (22) 17.05.2017 (54) Cable outlet device (31) 2016901907      (32) 20.05.16 (33) AU
(71) Apple Inc. (21) 2017100553      (22) 17.05.2017 (54) User interface for a device requesting remote authorization (31) 15/269801      (32) 19.09.16 (33) US PA 2016 70628                  16.08.16      DK 62/347,852                  09.06.16      US 62/338,994                  19.05.16      US	(71) Blake, A. (21) 2017100526      (22) 12.05.2017 (54) The executive bell	(71) Illinois Tool Works Inc. (21) 2017100549      (22) 17.05.2017 (54) Cable management device (31) 2016901908      (32) 20.05.16 (33) AU
(71) Apple Inc. (21) 2017100556      (22) 17.05.2017 (54) User interfaces for transactions (31) 15/433,320      (32) 15.02.17 (33) US 62/349,010                  12.06.16      US PA 2016 70622                  16.08.16      DK	(71) Chapman, J. (21) 2017100523      (22) 11.05.2017 (54) The present invention relates to devices to provide a controlled 5 sound and light environment for a user wearing the device, and in particular to headgear that acts to provide a quiet and dark environment for example to assist relaxation or sleep.	(71) Illinois Tool Works Inc. (21) 2017100550      (22) 17.05.2017 (54) Cable storage device (31) 2016903003      (32) 29.07.16 (33) AU 2016901909                  20.05.16      AU
(71) Apple Inc. (21) 2017100557      (22) 17.05.2017 (54) Digital assistant providing automated status report (31) 15/266,926      (32) 15.09.16 (33) US 62/348,660                  10.06.16      US	(71) Ecovation Innovation Pty Ltd (21) 2017100567      (22) 18.05.2017 (54) A Connecting Assembly	(71) Illinois Tool Works Inc. (21) 2017100551      (22) 17.05.2017 (54) Aparatus for cable management (31) 2016901911      (32) 20.05.16 (33) AU
(71) Farrow, A. (21) 2017100527      (22) 12.05.2017 (54) A portable adjustable staircase	(71) Fin Control Systems Pty. Limited (21) 2017100537      (22) 15.05.2017 (54) Fin Plug for Water Craft (62) 2013289838	(71) Illinois Tool Works Inc. (21) 2017100555      (22) 17.05.2017 (54) Cable station (31) 2016901914      (32) 20.05.16 (33) AU
(71) JK Media Pty Ltd (21) 2017100539      (22) 16.05.2017 (54) SELFIE STICK		

**Innovation Patent Applications Filed - Name Index cont'd**

(71) Light This Light That Pty Ltd  
 (21) 2017100529 (22) 12.05.2017  
 (54) A housing for installing a light source in a surface

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(71) Lyons, M.  
 (21) 2017100559 (22) 17.05.2017  
 (54) Solar Shutter Unit with integrated Micro-electronics and LED  
 (31) 2016904423 (32) 28.10.16 (33) AU

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(71) Macau University of Science and Technology  
 (21) 2017100545 (22) 17.05.2017  
 (54) Method of determining histamine in a sample and kit for doing the same

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**Macau University of Science and Technology see Southern Medical University**  
 (21) 2017100565

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(71) Martin, C.  
 (21) 2017100544 (22) 16.05.2017  
 (54) Oral Cream/Gel Applicator with Light Source

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(71) Master Lock Company LLC  
 (21) 2017100542 (22) 16.05.2017  
 (54) Location tracking for locking device  
 (62) 2015296492

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(71) McNamara, G.  
 (21) 2017100540 (22) 16.05.2017  
 (54) LIFTING ENGINE WITH SELF CONTAINED AEROFOILS

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(71) Mgard Pty Ltd  
 (21) 2017100564 (22) 18.05.2017  
 (54) A Propylene Based Elastomer Mouthguard and Method of Construction

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(71) M JOHNSON BUILDING PTY LTD  
 (21) 2017100525 (22) 11.05.2017  
 (54) A system for residential precast wall constructed buildings that include both single and double story dwellings. System can also be used for sheds, garages, detached and attached dwellings

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(71) Morley, D.  
 (21) 2017100568 (22) 18.05.2017  
 (54) The Shoe Tree

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(71) Norman, S.A.  
 (21) 2017100541 (22) 16.05.2017  
 (54) Hair Tie Holder

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(71) Nurture NOP Pty Ltd  
 (21) 2017100536 (22) 15.05.2017

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(54) Pouch  
 (62) 2016101117

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(71) Repipe Pty Ltd  
 (21) 2017100560 (22) 17.05.2017  
 (54) Methods and Systems for Providing and Receiving Information Risk Management in the Field  
 (62) PCT/AU2016/050179

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(71) Resource Connect Holdings Pty Ltd  
 (21) 2017100563 (22) 18.05.2017  
 (54) Booking system for personnel supply chains  
 (62) 2017202699

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(71) Southern Medical University; Macau University of Science and Technology  
 (21) 2017100565 (22) 18.05.2017  
 (54) Crystalline lanthanum-carboxylate coordination polymers and their use

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(71) SUNCITY HOLDINGS (QLD) PTY LTD;  
 Suncity Holdings Qld Pty Ltd  
 (21) 2017100533 (22) 15.05.2017  
 (54) Sterling Dash Replacement

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**Suncity Holdings Qld Pty Ltd see SUNCITY HOLDINGS (QLD) PTY LTD**  
 (21) 2017100533

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(71) TELADS AUSTRALIA PTY LTD  
 (21) 2017100546 (22) 17.05.2017  
 (54) The Brush  
 (31) 2016901990 (32) 26.05.16 (33) AU

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(71) VITRINEMEDIA  
 (21) 2017100524 (22) 11.05.2017  
 (54) Illuminated display unit having suspension clamps  
 (62) 2013269570

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(71) W.C HORTILANO & W.M HORTILANO & W HORTILANO  
 (21) 2017100562 (22) 18.05.2017  
 (54) WH TURNTABLE / BALLRACE

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(71) ZHEJIANG SUNSEEKER INDUSTRIAL CO., LTD  
 (21) 2017100561 (22) 17.05.2017  
 (54) GASOLINE ENGINE STARTING RELAY AND METHOD OF STARTING A GASOLINE ENGINE

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**Numerical Index**

2017100523	Chapman, J.	2017100548	Illinois Tool Works Inc.
2017100524	VITRINEMEDIA	2017100549	Illinois Tool Works Inc.
2017100525	M JOHNSON BUILDING PTY LTD	2017100550	Illinois Tool Works Inc.
2017100526	Blake, A.	2017100551	Illinois Tool Works Inc.
2017100527	Farrow, A.	2017100552	Armanous-Dib, A.
2017100528	Apple Inc.	2017100553	Apple Inc.
2017100529	Light This Light That Pty Ltd	2017100554	Illinois Tool Works Inc.
2017100530	GRAMPIANS ADVENTURE SERVICES PTY. LTD.	2017100555	Illinois Tool Works Inc.
2017100531	Gray, C.	2017100556	Apple Inc.
2017100532	Aeroklas Company Limited	2017100557	Apple Inc.
2017100533	SUNCITY HOLDINGS (QLD) PTY LTD; Suncity Holdings Qld Pty Ltd	2017100558	Apple Inc.
2017100534	Apple Inc.	2017100559	Lyons, M.
2017100535	Apple Inc.	2017100560	Repipe Pty Ltd
2017100536	Nurture NOP Pty Ltd	2017100561	ZHEJIANG SUNSEEKER INDUSTRIAL CO., LTD
2017100537	Fin Control Systems Pty. Limited	2017100562	W.C HORTILANO & W.M HORTILANO & W HORTILANO
2017100539	JK Media Pty Ltd	2017100563	Resource Connect Holdings Pty Ltd
2017100540	McNamara, G.	2017100564	Mgard Pty Ltd
2017100541	Norman, S.A.	2017100565	Southern Medical University; Macau University of Science and Technology
2017100542	Master Lock Company LLC	2017100566	Attwal, H.
2017100543	Changzhou Jutai Electronic Co., Ltd	2017100567	Ecovation Innovation Pty Ltd
2017100544	Martin, C.	2017100568	Morley, D.
2017100545	Macau University of Science and Technology	2017100569	Hou, J.
2017100546	TELADS AUSTRALIA PTY LTD		
2017100547	Beiyuan Australia Pty Ltd		

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

2017201520 Redlaunch Pty Ltd The filing date has been amended to 05.05.2017

**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:

**Code Meaning**

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)\See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)

A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

**2001**

2001297782 ( 14 )

**2002**

2002214137 ( 14 )	2002220696 ( 14 )	2002223738 ( 14 )
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2002351916 ( 14 )	2002360167 ( 14 )	2002361312 ( 14 )

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2004226977 ( 14 )	2004286682 ( 14 )	2004286792 ( 14 )
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2004289155 ( 14 )	2004289223 ( 14 )	2004289237 ( 14 )
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2005333157 ( 14 )		

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2009100433 ( 22 )	2009100440 ( 22 )	2009100442 ( 22 )
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**2011**

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 2011380958 ( 14 ) 2011380959 ( 14 ) 2011381970 ( 25D )

**2012**

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**2013**

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 2014285030 ( 5C ) 2014321171 ( 1B ) 2014334822 ( 1B )  
 2014336153 ( 1B ) 2014336154 ( 1B ) 2014367188 ( 1B )

**2015**

2015200768 ( 5C ) 2015201331 ( 4C ) 2015201390 ( 5C )  
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 2015202986 ( 5C ) 2015203189 ( 5C ) 2015203281 ( 4C )  
 2015203640 ( 4C ) 2015204337 ( 5C ) 2015204387 ( 5C )  
 2015205861 ( 5C ) 2015205888 ( 5C ) 2015207826 ( 5C )  
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**2017**

2017201317 ( 1B ) 2017201332 ( 1B ) 2017201367 ( 1B )  
 2017201377 ( 1B ) 2017201445 ( 7AN ) 2017201468 ( 7AN )  
 2017201607 ( 7AN )

**Assignments before Grant, Section 113****2011**

2011336692 NexMed Holdings, Inc. The application has been assigned to **Ferring International Center S.A.**

**2012**

2012217673 Novozymes Biologicals, Inc.; Novozymes North America, Inc. The application has been assigned to **Henkel AG & Co. KGaA**

2012222219 Bombeck, Khristian; Dodge, Casey; Smith, Casey The application has been assigned to **Alpha Dominche Holdings, Inc.**

2012278827 NexMed Holdings, Inc. The application has been assigned to **Ferring International Center S.A.**

2012347641 Kabam, Inc. The application has been assigned to **Aftershock Services, Inc.**

2012392122 Hwang, Yu-Chen The application has been assigned to **Jin Yongquan International Technologies, Inc.**

**2013**

2013245027 Boehringer Ingelheim International GmbH The application has been assigned to **Alkahest, Inc.**

2013245028 Boehringer Ingelheim International GmbH The application has been assigned to **Alkahest, Inc.**

2013251196 McLaren, Matthew The application has been assigned to **Fero Strata Systems Pty Ltd**

2013333712 Petrowell Limited The application has been assigned to **Weatherford Technology Holdings, LLC**

2013338051 Ariste Medical, Inc. The application has been assigned to **Ariste Medical, LLC.**

2013344654 Chowdhury, Tahseen; Tian, Shiying; Ahmed, Salah; Muntazim, Saad; Neelam, Karunakar; Abon Pharmaceuticals, LLC; Zu, Yanming The application has been assigned to **Abon Pharmaceuticals, LLC**

2013363553 Dow Global Technologies LLC; Rohm and Haas Company The application has been assigned to **AgroFresh Inc.**

2013403581 Demus S.p.A. The application has been assigned to **Demus Lab s.r.l.**

**Assignments before Grant, Section 113****2014**

2014201769 Majeed, Muhammed The application has been assigned to **Sami Labs Limited**

2014220444 The Secretary of State for Business, Innovation & Skills The application has been assigned to **NPL Management Limited**

2014225282 Strang Patrick Holdings Pty Ltd; Modalinta Pte Ltd The application has been assigned to **Sotaeria Pty Limited**

2014228432 Vinum Corporation The application has been assigned to **Haley's Corker, Inc.**

2014229756 Petrowell Limited The application has been assigned to **Weatherford Technology Holdings, LLC**

2014242161 Motorola Mobility LLC The application has been assigned to **Google Technology Holdings LLC**

2014251388 Simonson, Oscar; Nordin, Joel; El Andalousi, Samir; Wiklander, Oscar; Smith, Edvard; Grinnemo, Karl-Henrik The application has been assigned to **Evox Therapeutics Limited**

2014266872 Copan Information Technologies S.r.l. The application has been assigned to **COPAN ITALIA S.P.A.**

2014276581 Petrowell Limited The application has been assigned to **Weatherford Technology Holdings, LLC**

2014321392 Zlotolow, Dan The application has been assigned to **McGinley Engineered Solutions, LLC**

**2015**

2015228846 ratiopharm GmbH The application has been assigned to **Teva Pharmaceuticals International GmbH**

2015230738 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015230739 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015234390 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015238409 IVC N.V. The application has been assigned to **Flooring Industries Limited, SARL**

2015243039 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015253317 Distal Access, LLC The application has been assigned to **Boston Scientific Scimed, Inc.**

2015261710 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

**Assignments before Grant, Section 113**

2015261712 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015264391 Baynote, Inc. The application has been assigned to **KIBO Software, Inc.**

2015264822 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015264944 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015264946 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015268591 Palo Alto Research Center Incorporated The application has been assigned to **Cisco Technology, Inc.**

2015271561 Huang, Chi-Ying The application has been assigned to **National Yang-Ming University**

2015306024 Bio-Can Ltd. The application has been assigned to **BIO-CAN LIMITED PARTNERSHIP**

2015310656 Petrowell Limited The application has been assigned to **Weatherford Technology Holdings, LLC**

2015317738 Dayton Systems Group, Inc. The application has been assigned to **DSG Technology LLC**

2015324516 McCorkle, John The application has been assigned to **Applied Signals Intelligence, Inc.**

**2016**

2016203354 Merrimack Pharmaceuticals, Inc. The application has been assigned to **Ipsen Biopharm Ltd**

2016206273 Petrowell Limited The application has been assigned to **Weatherford Technology Holdings, LLC**

2016277575 Nexmed Holdings, Inc. The application has been assigned to **Ferring International Center S.A.**

2016901845 NewSouth Innovations Pty Limited The application has been assigned to **Commonwealth Steel Company Pty Ltd**

**2017**

2017200314 Nexmed Holdings, Inc. The application has been assigned to **Ferring International Center S.A.**

2017202490 Aeeg AB The application has been assigned to **ITSO Medical AB**

**Extensions of Time, Section 223****Applications Received**

## Extensions of Time, Section 223

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.

### 2012

2012200365 **ACEI AB** An application to extend the time from 14 Jan 2016 to 14 May 2017 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

2012290954 **Toray Industries, Inc.** An application to extend the time from 31 Aug 2016 to 31 Aug 2017 in which to meet the provisions under Section 43AA and to gain acceptance has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

### 2015

2015208255 **Thales** An application to extend the time from 27 Aug 2016 to 27 Mar 2017 in which to enter the National Phase has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

### 2016

2016101937 **Cashflow Entertainment Pty Ltd; McGowan, R.** An application to extend the time from 04 Jan 2017 to 04 May 2017 in which to comply with a direction under Reg 3.2B has been filed . Address for service - Raymond McGowan 17 Magellan Avenue Hollywell QLD 4216 AU

## Applications Allowed - Section 223(2)

### 2003

2003232925 **Interactive Communications Solutions Pty Ltd** The time in which to pay a renewal fee has been extended to 05 Mar 2017 . Address for service - Griffith Hack GPO Box 3125 Brisbane QLD 4001 AU

### 2012

2012101970 **Singh, P.** The time in which to comply with a direction under Reg 3.2B has been extended to 17 Feb 2017 . Address for service - Prateek Kumar Singh 14 Symonds Street Hawthorn East VIC 3123 AU

### 2013

2013100163 **Elgart, Y.** The time in which to pay a renewal fee has been extended to 12 Oct 2016 . Address for service - Yakov Elgart 6 Don CT Caulfield South VIC 3162 AU

2013375208 **Wisconsin Alumni Research Foundation** The time in which to pay the acceptance fee has been extended to 12 May 2017 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Mebourne VIC 3000 AU

### 2015

2015224493 **Xenon Pharmaceuticals Inc.** The time in which to pay a continuation and gain acceptance fee has been extended to 28 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd PO Box 2219 BUSINESS CENTRE MILTON QLD 4064 AU

## Amendments

### Applications for Amendment

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

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

### 2003

2003259220 Compositions and products containing enantiomeric equol, and methods for their making **Children's Hospital Medical Center ; Australian Health & Nutrition Association Limited**  
The nature of the amendment is as shown in the statement(s) filed 22 May 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

### 2010

2010218497 Method for withdrawal and insertion of a drill pipe string in a borehole and also a device for use when practising the method  
**West Drilling Products AS** The nature of the amendment is as shown in the statement(s) filed 04 May 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

### 2011

2011287398 N-acylsulfonamide apoptosis promoters **AstraZeneca AB**  
The nature of the amendment is as shown in the statement(s) filed 05 Apr 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2011349148 QTLs associated with and methods for identifying whole plant field resistance to Sclerotinia **Pioneer Hi-Bred International, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 May 2017 . Address for service - Houlihan<sup>2</sup> Pty Ltd Level 1 70 Doncaster Road BALWYN NORTH VIC 3104 AU

### 2012

2012242964 A fuel composition **Chevron U.S.A. Inc.** The nature of the amendment is as shown in the statement(s) filed 03 May 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012302299 Method of extracting lutein/xanthophylls from natural materials and highly purified lutein/xanthophylls obtained from the method thereof **Chulalongkorn University ; PTT Global Chemical Public Company Limited** The nature of the amendment is as shown in the statement(s) filed 10 May 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2012303008 Separate packaging device for medicine **Takazono Technology Incorporated** The nature of the amendment is as shown in the statement(s) filed 18 May 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012312071 Detecting ovarian cancer **Memorial Sloan-Kettering Cancer Center** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 03 Apr 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2013**

2013208996 Cooling device **Major Bravo Limited** The nature of the amendment is as shown in the statement(s) filed 11 May 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013219940 System and method for the preparation of cooled edible products **SOLO GELATO LTD.** The nature of the amendment is as shown in the statement(s) filed 11 May 2017 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2013220438 Smoking article comprising an isolated combustible heat source **Philip Morris Products S.A.** The nature of the amendment is as shown in the statement(s) filed 03 May 2017 . Address for service - Fisher Adams Kelly Callinans L 6 175 Eagle St BRISBANE QLD 4000 AU

2013266657 Ruggedized fiber optic connector **CommScope Technologies LLC** The nature of the amendment is as shown in the statement(s) filed 19 May 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013333468 Wearable package for consumable products and methods for using same **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 17 May 2017 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2013370232 Metallic ink composition and writing instrument containing same **Sanford, L.P.** The nature of the amendment is as shown in the statement(s) filed 27 Mar 2017 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2013406766 Downhole triaxial electromagnetic ranging **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 May 2017 . Address for service - FB Rice Level 14 90 Collins Street Melbourne VIC 3000 AU

**2014**

2014202563 A RADIO-FREQUENCY ASSEMBLY, A CORDLESS SURGICAL DEVICE AND A CORDLESS CAUTERY AND CUTTING DEVICE **COVIDIEN AG** The nature of the amendment is as shown in the statement(s) filed 17 May 2017 . Address for service - Spruson & Ferguson L 35, St Martins Tower 31 Market St Sydney NSW 2000 AU

2014202565 A SURGICAL DEVICE **COVIDIEN AG** The nature of the amendment is as shown in the statement(s) filed 17 May 2017 . Address for service - Spruson & Ferguson L 35, St Martins Tower 31 Market St Sydney NSW 2000 AU

**2014202569 AN END EFFECTOR ASSEMBLY **COVIDIEN AG****

The nature of the amendment is as shown in the statement(s) filed 17 May 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

2014214034 Method of producing carbon-enriched biomass material **Arbaflame Technology AS** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2017 . Address for service - Dav-

**Amendments**

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

2014256341 A NEW METHOD FOR MAKING KRILL MEAL **Aker BioMarine Antarctic AS** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2017 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014299161 METHOD, TERMINAL, SERVER, AND SYSTEM FOR MULTIPLE TERMINALS TO SHARE VIRTUAL SIM CARD **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 May 2017 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2015**

2015203208 Hybrid flow nozzle and control system **Deere & Company** The nature of the amendment is: Amend the name of the inventor to read Funseth, Travis G.; Bullock, Stacy L. and Humpal, Richard A. . Address for service - Davies Collison Cave Pty Ltd GPO Box 3876 SYDNEY NSW 2001 AU

**2016**

2016202919 Cell culture methods and devices utilizing gas permeable materials **Wilson Wolf Manufacturing Corporation** The nature of the amendment is as shown in the statement(s) filed 16 May 2017 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2016204578 ACTION EXECUTION ARCHITECTURE FOR VIRTUALIZED TECHNICAL COMPONENTS **Accenture Global Services Limited** The nature of the amendment is as shown in the statement(s) filed 10 May 2017 . Address for service - Murray Trento & Associates Pty Ltd PO Box 1050 HARTWELL VIC 3124 AU

**Amendments Made****2009**

2009201653 **Hunter Douglas Inc.** The nature of the amendment is: Amend the priority details to read 61/048,271 28 Apr 2008 US and 12/429,432 24 Apr 2009 US

2009226141 **Baxter International, Inc.; Halozyme, Inc.; Baxter Healthcare, S.A.** The nature of the amendment is: Amend the name of the inventor to read Leibl, Heinz and Schiff, Richard

**2010**

2010209508 **Oxford Nanopore Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2017

2010232692 **GENENTECH, INC.** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2017

2010249933 **Cellceutix Corporation** The nature of the amendment is: Amend the name of the inventor to read Menon, Krishna and Aruda, Wayne O.

**2011**

2011210734 **QIAGEN Gaithersburg, Inc.** The nature of the amendment is: Amend the name of the inventor to read O'Neil, Dominic; Naz-

**Amendments**

arenko, Irina; Basham, Holly; Virmani, Arvind; Agarwal, Shiuli and Shukla, Mridula

2011222898 **miacom Diagnostics GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2017

2011269658 **Nexus eWater Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Kennedy, William Peter Keith; Hermann, Andrew James and Wood, Thomas Andrew

2011323594 **Melinta Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2017

2011353001 **Qvinci Software, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2017

**2012**

2012210013 **Megmilk Snow Brand Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2017

2012217673 **Novozymes North America, Inc; Novozymes Biologicals, Inc.** The nature of the amendment is: Amend the name of the inventor to read McHatton, Sarah C.; Williams, I. Michelle; Penaloza-Vazquez, Alejandro; O'Connell, Timothy; Weide, Mirko and LEDER, Jonathan

2012254978 **AbbVie Biotechnology Ltd** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2016

2012261489 **Covidien LP** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2017

2012262665 **National ICT Australia Limited; The University of Melbourne** The nature of the amendment is: Amend the name of the inventor to read Meffin, Hamish; Fox, Kate; Garrett, David; Ganesan, Kumaravelu; Prawer, Steven; Lichten, Samantha and Aharonovich, Igor

2012271904 **Leupold & Stevens, Inc.** The nature of the amendment is: Amend the name of the inventor to read Silvers, Robert; Koornneef, Martin; Brock, Raymond G.; Hodge, Stephen R. and Brumfield, Richard B.

2012289718 **Volco Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jan 2017

2012306469 **Universitat zu Köln** The nature of the amendment is: Amend the name of the inventor to read Blunk, Dirk; Hetzer, Ralf Helmut; Sager-Wiedmann, Angela and Wirz, Kai Oliver

2012320300 **Respivert Limited** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2017

**2013**

2013237470 **Logaer Maschinenbau GmbH; Wobben Properties GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2017

2013287347 **Khondrion IP B.v.** The nature of the amendment is: Amend the priority details to read 12176128.2 12 Jul 2012 EP

**Amendments**

2013326600 **Bayer CropScience AG** The nature of the amendment is: Amend the name of the inventor to read Heilmann, Eike Kevin; Greul, Jorg; Trautwein, Axel; Schwarz, Hans-Georg; Adelt, Isabelle; Andree, Roland; Lummen, Peter; Hink, Maike; Adamczewski, Martin; Drewes, Mark; Becker, Angela; Voerste, Arnd; Gorgens, Ulrich; Ilg, Kerstin; Jansen, Johannes-Rudolph and Portz, Daniela

2013337004 **Clariant Finance (BVI) Limited** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2017

2013350270 **Cadens Medical Imaging Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2017

2013375909 **Covidien LP** The nature of the amendment is: Amend the name of the inventor to read Lee, Weng-Kai K.; Lacosta, Scott N.; Goodman, Kelley D.; Hart, Keir; Kerr, Duane E.; Ladtkow, Geneva; Netzel, Kenneth E.; Townsend, Jeffrey R. and BHANDARI, Raghavendra Laxman

2013396770 **ABB Technology Ltd** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2017

2013407276 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2017

**2014**

2014215954 **Alcon Research, Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2017

2014221210 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2017

2014272776 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2017

2014388379 **Halliburton Energy Services, Inc.** The nature of the amendment is: Amend the name of the inventor to read Samson, Etienne M.; Skinner, Neal G. and Richards, Mark

2014410695 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read HIDDEN HOTSPOT ACCESS METHOD AND APPARATUS

**2015**

2015200922 **D & D Group Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Karcz, Irek; Antkowiak, Margaret and Clark, Anthony John

2015203360 **Color Image Apparel, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2017

2015203621 **ACCENTURE GLOBAL SERVICES LIMITED** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2017

2015204353 **Barfresh Inc.** The nature of the amendment is: Amend the name of the inventor to read DELLE COSTE, Riccardo Dario

2015243115 **PLANTLOGIC LLC** The nature of the amendment is: Amend the priority details to read MX-U-2015-000296 02 Jun 2015 MX;

**Amendments**

MX-U-2015-000295 02 Jun 2015 MX; 201520052404.5 26 Jan 2015 CN and 201520052400.7 26 Jan 2015 CN

2015273049 **Lupin Limited** The nature of the amendment is: Amend the name of the inventor to read Banerjee, Abir; Ganapathy, Chandranath; MODY, Rustom Sorab and Mishra, Ashok

2015287459 **Institut National de Recherche en Informatique et en Automatique; Traxens** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2017

2015302868 **Almog Rescue Systems Ltd.** The nature of the amendment is: Amend the name of the inventor to read Zilberstein, Ari-el

2015306603 **Pacific Biosciences of California, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Apr 2017

2015306751 **Sylvan Source, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 May 2017

2015325279 **Daiichi Sankyo Company, Limited; National Cancer Center** The nature of the amendment is: Amend the invention title to read Isoxazole derivative as mutant isocitrate dehydrogenase 1 inhibitor

2015330629 **New Steel Solucoes Sustentaveis S.A.** The nature of the amendment is: Amend the invention title to read Process and system for dry improvement of iron-oxide-ore fines and superfines through a magnetic separation unit

2015336480 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 01 May 2017

2015338882 **Haptech, Inc.** The nature of the amendment is: Amend the name of the inventor to read Monti, Kyle

2015346350 **The United States of America, as Represented by The Secretary, Department of Health and Human Services** The nature of the amendment is: Amend the invention title to read ANTI-THYROGLOBULIN T CELL RECEPTORS

2015364877 **Dainihon Jochugiku Co., Ltd.** The nature of the amendment is: Amend the invention title to read DEVICE AND METHOD FOR VAPORIZING/DISCHARGING CHEMICAL AGENT

2015405779 **Justrite Manufacturing Company, LLC** The nature of the amendment is: Amend the priority details to read 62/063,885 14 Oct 2014 US and 14/623,996 17 Feb 2015 US

**2016**

2016200573 **NuVasive, Inc.** The nature of the amendment is: Amend the invention title to read SURGICAL ACCESS SYSTEM AND RELATED METHODS

2016203028 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2017

**Amendments****2017**

2017202963 **Nitto Denko Materials (Malaysia) Sdn. Bhd.; Nitto Denko Corporation** The nature of the amendment is: Amend the invention title to read Double-Sided Pressure-Sensitive Adhesive Tape

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2004**

2004211769 Iparadigms, LLC The name of the patentee has been altered to **Turnitin, LLC**

**2005**

2005332128 Rexgenebiotech Co., Ltd. The name of the patentee has been altered to **Novarex Co., Ltd.**

**2006**

2006218253 Rision Pty Ltd The name of the patentee has been altered to **Rision Holdings Pty Ltd**

**2009**

2009352678 QLT Inc. The name of the patentee has been altered to **Novelion Therapeutics Inc.**

**2010**

2010202766 DEEPDISH Engineering The name of the applicant has been altered to **Rafiq Industries Pty Ltd**

2010264801 CELLARTIS AB The name of the patentee has been altered to **Takara Bio Europe AB**

**2011**

2011244024 QLT Inc. The name of the patentee has been altered to **Novelion Therapeutics Inc.**

2011263652 CELLARTIS AB The name of the patentee has been altered to **Takara Bio Europe AB**

**2012**

2012101210 Minnovare Limited The name of the patentee has been altered to **Minnovare Pty Ltd**

2012248333 National Center for Global Health and Medicine; DNAVEC Corporation The name of the applicant has been altered to **National Center for Global Health and Medicine; ID Pharma Co., Ltd.**

2012252466 Contego AB The name of the patentee has been altered to **SWAT Medical AB**

**2013**

2013203365 Minnovare Limited The name of the applicant has been altered to **Minnovare Pty Ltd**

2013287171 Fredric Owens; Brenda Smiley ; Pioneer Hi-Bred International, Inc. The name of the applicant has been altered to **Pioneer Hi-Bred International, Inc.**

**Amendments**

2013308513 LiveOps Cloud Platform, LLC The name of the patentee has been altered to **Serenova, LLC**

2013344545 Cereve, Inc. The name of the applicant has been altered to **Ebb Therapeutics, Inc.**

**2014**

2014204112 Cereve, Inc. The name of the applicant has been altered to **Ebb Therapeutics, Inc.**

2014213795 AstraZeneca AB The name of the patentee has been altered to **Pfizer Anti-Infectives AB**

2014293008 University of Pittsburgh - of the Commonwealth System of Higher Education; Cereve, Inc. The name of the applicant has been altered to **University of Pittsburgh - of the Commonwealth System of Higher Education; Ebb Therapeutics, Inc.**

2014383584 imagotag GmbH The name of the applicant has been altered to **SES-imagotag GmbH**

2014393681 imagotag GmbH The name of the applicant has been altered to **SES-imagotag GmbH**

**2015**

2015224532 Corning Cable Systems LLC The name of the applicant has been altered to **Corning Optical Communications LLC**

2015231494 Prism Analytical Technologies, Inc. The name of the applicant has been altered to **MAX Analytical Technologies, Inc.**

2015258303 Corning Cable Systems LLC The name of the applicant has been altered to **Corning Optical Communications LLC**

2015274548 540 Grid Solutions, LLC The name of the applicant has been altered to **Asator Global Technologies LLC**

2015405779 Justrite Manufacturing Company, LLC The name of the applicant has been altered to **Justrite Manufacturing Company, LLC**

**2016**

2016102123 Sampford IXL Pty Ltd The name of the patentee has been altered to **Alver Pty Ltd**

2016201432 QLT Inc. The name of the applicant has been altered to **Novelion Therapeutics Inc.**

2016211528 Cereve, Inc. The name of the applicant has been altered to **Ebb Therapeutics, Inc.**

**2017**

2017100529 Light This Light That Pty Ltd The name of the applicant has been altered to **Muraschuk, L.; Shanahan, L.**

2017201229 Phosummune Inc. The name of the applicant has been altered to **Agenus Inc.**

**Amendments**

2017202851 Guy A.Shaked Investment Ltd. The name of the applicant has been altered to **GUY A. SHAKED INVESTMENT LTD**

2017202857 Guy A.Shaked Investment Ltd. The name of the applicant has been altered to **GUY A. SHAKED INVESTMENT LTD**

2017203129 Pollard, Kodaram The name of the applicant has been altered to **Pollard, K.**

2017901616 168 Lawley St The name of the applicant has been altered to **Amrak Creations Pty Ltd**

**Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules**

Australian Patent/Patent Application 2002326114 in the name(s) of Neurim Pharmaceuticals (1991) Ltd.

**Applications Open to Public Inspection****Name Index**

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

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(71) 423079 Alberta Ltd.  
 (11) AU-A-2017203147  
 (21) 2017203147 (22) 11.05.2017  
 (54) Livestock wastewater treatment system and method  
 (51) Int. Cl.  
*C02F 11/00* (2006.01)  
*C02F 1/00* (2006.01)  
*C02F 1/52* (2006.01)  
*C02F 1/66* (2006.01)  
*C02F 9/00* (2006.01)  
*C02F 11/12* (2006.01)  
 (43) 01.06.2017  
 (62) 2010244932  
 (72) Thurston, Ross; Scheutt, Karen  
 (74) FPA Patent Attorneys Pty Ltd

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(71) AAR Manufacturing, Inc  
 (11) AU-A-2017203114  
 (21) 2017203114 (22) 11.05.2017  
 (54) Interconnection system for panel assemblies  
 (51) Int. Cl.  
*E04C 3/00* (2006.01)  
 (43) 01.06.2017  
 (62) 2012371615  
 (72) kalinowski, Ramon  
 (74) Shelston IP Pty Ltd.

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(71) AAR Manufacturing, Inc  
 (11) AU-A-2017203115  
 (21) 2017203115 (22) 11.05.2017  
 (54) Interconnection system for panel assemblies  
 (51) Int. Cl.  
*E04C 3/00* (2006.01)  
 (43) 01.06.2017  
 (62) 2012371615  
 (72) kalinowski, Ramon  
 (74) Shelston IP Pty Ltd.

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(71) ABOOD, R.J.  
 (11) AU-A-2015258181  
 (21) 2015258181 (22) 17.11.2015  
 (54) STRAP LOCATING ARRANGEMENT  
 (51) Int. Cl.  
*B60P 7/08* (2006.01)  
*B60P 7/06* (2006.01)  
 (43) 01.06.2017  
 (72) ABOOD, Ralph Justin  
 (74) Baxter Patent Attorneys Pty Ltd

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(71) Acceleron Pharma Inc.  
 (11) AU-A-2017203192  
 (21) 2017203192 (22) 12.05.2017  
 (54) Combined use of GDF traps and erythropoietin receptor activators to increase red blood cell levels

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(51) Int. Cl.  
*C07K 19/00* (2006.01)  
*A61K 38/00* (2006.01)  
*A61K 38/18* (2006.01)  
*A61P 7/06* (2006.01)  
 (43) 01.06.2017  
 (62) 2015203400  
 (72) Seehra, Jasbir; Pearsall, Robert Scott; Kumar, Ravindra  
 (74) Shelston IP Pty Ltd.

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(71) Accenture Global Services Limited  
 (11) AU-A-2017203099  
 (21) 2017203099 (22) 10.05.2017  
 (54) ADAPTIVE QUALITY ASSURANCE MANAGEMENT SYSTEM  
 (51) Int. Cl.  
*G06Q 10/00* (2012.01)  
*G06F 17/00* (2006.01)  
*G06F 19/00* (2011.01)  
 (43) 01.06.2017  
 (62) 2016201609  
 (72) JONES, David C.; KEPLER, Todd; GRICH, Lynn; SALAS, Sergio A.; FULTS, John  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Services Limited  
 (11) AU-A-2017203106  
 (21) 2017203106 (22) 10.05.2017  
 (54) SYSTEM ARCHITECTURE FOR CUSTOMER GENOME CONSTRUCTION AND ANALYSIS  
 (51) Int. Cl.  
*G06Q 10/06* (2012.01)  
*G06F 17/40* (2006.01)  
 (43) 01.06.2017  
 (62) 2015218438  
 (72) HAWKINS, Christopher John; DANG, Leeann Chau Tuyet; NGUYEN, David Tong; CHU, Hyon S.; CHENG, Serena Tsiao-Yi; WALKER, Bryan Michael; LI, Ziqui  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adobe Systems Incorporated  
 (11) AU-A-2016225944  
 (21) 2016225944 (22) 12.09.2016  
 (54) ACTIVE MASK FOR SPEEDING UP RANDOMIZED PATCHMATCH  
 (51) Int. Cl.  
*G06T 7/40* (2006.01)  
*G06T 5/30* (2006.01)  
 (31) 14/945,308 (32) 18.11.15 (33) US  
 (43) 01.06.2017  
 (72) Amirghodsi, Sohrab; Darabi, Aliakbar; Shechtman, Elya; Goldman, Daniel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Agenus Inc.  
 (11) AU-A-2017201229  
 (21) 2017201229 (22) 23.02.2017  
 (54) Class I MHC Phosphopeptides For Cancer Immunotherapy And Diagnosis  
 (51) Int. Cl.  
*C07K 14/74* (2006.01)  
*A61K 38/17* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 7/00* (2006.01)  
*C07K 16/20* (2006.01)  
*G01N 33/68* (2006.01)  
 (43) 01.06.2017  
 (62) 2011258513  
 (72) Hunt, Donald F.; Shabanowitz, Jeffrey; Cottine, Jennifer; English, Ann M.; Norris, Andrew; Engelhard, Victor; Cobbold, Mark; Cummings, Kara L.; Zarling, Angela; Obeng, Rebecca C.; Qian, Jie  
 (74) WRAYS PTY LTD

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(71) Aktiebolaget SKF  
 (11) AU-A-2016231655  
 (21) 2016231655 (22) 27.09.2016  
 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING  
 (51) Int. Cl.  
*B61F 5/28* (2006.01)  
 (31) 15306799.6 (32) 13.11.15 (33) EP  
 (43) 01.06.2017  
 (72) Fenayon, Ludovic; Le Moigne, Thierry  
 (74) Phillips Ormonde Fitzpatrick

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(71) Aktiebolaget SKF  
 (11) AU-A-2016231656  
 (21) 2016231656 (22) 27.09.2016  
 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING  
 (51) Int. Cl.  
*B61F 5/28* (2006.01)  
 (31) 15306798.8 (32) 13.11.15 (33) EP  
 (43) 01.06.2017  
 (72) Fenayon, Ludovic; Le Moigne, Thierry  
 (74) Phillips Ormonde Fitzpatrick

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(71) Aktiebolaget SKF  
 (11) AU-A-2016231657  
 (21) 2016231657 (22) 27.09.2016  
 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING  
 (51) Int. Cl.  
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B29B 11/08 (2006.01)  
B29B 11/14 (2006.01)  
B29C 45/16 (2006.01)  
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2015255270	Dermal Therapies, LLC	2017202990	Fuji Xerox Co., Ltd
2015255290	GB Noonan Investments Pty Ltd	2017202996	Tiainen Projects Pty Ltd
2015255307	Vitragroup Pty Ltd	2017202997	NUCOR CORPORATION
2015255329	Green Earth water production	2017203032	Pearl Therapeutics, Inc.
2015258181	ABOOD, R.J.	2017203034	Magic Leap, Inc.
2015258194	Carleton, K.	2017203036	CLAWSON, J.
2015258204	Pantano Investment Pty Ltd	2017203037	Duke University
2015258218	Bottle-Top Development Co.	2017203038	Croydex Limited
2015401228	Beijing Oriental Railway Technology Development Co.,Ltd	2017203039	Kastle Therapeutics, LLC
2016200269	HELMER, B.	2017203044	Tama Plastic Industry
2016200761	Rubio Rey, R.	2017203047	LG Fuel Cell Systems, Inc.
2016219639	The Boeing Company	2017203048	E.M.I.P. Pty Ltd
2016222392	Gill, P.	2017203049	GENENTECH, INC.
2016225884	SUNWAY BIOTECH CO., LTD	2017203052	General Mills, Inc.
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2016231656	Aktiebolaget SKF	2017203056	Weatherford Technology Holdings, LLC
2016231657	Aktiebolaget SKF	2017203057	Flow Control LLC.; Verdugo, C.; Wright, P.; Jackson Jr., J.
2016244256	SB Technologies Ltd.	2017203059	SAMSUNG ELECTRONICS CO., LTD.
2016247097	Glock Health, Science and Research GmbH	2017203060	Bioarray Genetics, Inc.
2016247104	JURA ELEKTROAPPARATE AG	2017203063	Joy MM Delaware, Inc.
2016250408	Gelliner Limited	2017203064	Nestec S.A.
2016250409	Johnson & Johnson Vision Care, Inc.	2017203065	Dyson Technology Limited
2016253574	Biosense Webster (Israel) Ltd.	2017203066	Board of Regents, The University of Texas System
2016253612	Biosense Webster (Israel) Ltd.	2017203071	OCCAM BIOLABS, INC.
2016253613	Biosense Webster (Israel) Ltd.	2017203073	Ecolab USA Inc.
2016253682	Reentec Engineering Co., Ltd.	2017203075	Nitto Denko Corporation
2016253694	carey, m.	2017203076	General Electric Company
2016253708	Soldo S.r.l. Socio Unico	2017203077	Fluor Technologies Corporation
2016253709	Whirlpool Corporation	2017203078	Apple Inc.
2016256671	MEGGITT (MARYLAND) INC.	2017203082	Dosch, H.
2016256720	Fluke Corporation	2017203083	Precision Planting LLC
2016256744	Covidien LP	2017203084	Apple Inc.
2016256762	Bendix Commercial Vehicle Systems LLC	2017203088	Seapa Pty Ltd
2016256763	Bendix Commercial Vehicle Systems LLC	2017203090	Alcoa USA Corp
2016256801	Lewmar Limited	2017203091	Telefonaktiebolaget LM Ericsson (publ)
2016256815	GIANT MANUFACTURING CO., LTD	2017203092	Sucampo AG
2016256824	Ellis, G.	2017203093	Honeywell International, Inc.
2016256827	Covidien LP	2017203094	Bernard Matthews Limited
2016256830	Diverse Industries Intl. Pty. Ltd.	2017203095	Dr. Bata Zrt.
2016256837	Di Biaggio, R.	2017203096	BASF SE
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2016258895	PETROLEO BRASILEIRO S.A. - PETROBRAS	2017203098	Fujitsu Limited
2016259280	Tata Consultancy Services Limited	2017203099	Accenture Global Services Limited
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2016259287	PETROLEO BRASILEIRO S.A. - PETROBRAS	2017203105	Bayer HealthCare LLC
2016259295	Austworld Commodities Pty Ltd	2017203106	Accenture Global Services Limited
2016259303	OPACMARE S.r.l.	2017203107	President and Fellows of Harvard College; Mayo Foundation for Medical Education and Research
2016259321	Fulgosi S.r.l.	2017203108	The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services; Walter Reed Army Institute of Research
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2016259393	Smidsy Limited	2017203119	Aristocrat Technologies Australia Pty Limited
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2017201983	Merrimack Pharmaceuticals, Inc.		
2017202237	Terrafranca Jr., N.; Lu, D.; Gerasimenko, Y.; Edgerton, V.		
2017202307	Novus International Inc.		

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2017203137 HATZIGIANNIS, G.; HATZIGIANNI, Z.; HATZIGIANNIS, V.  
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2017203141 CommScope Technologies LLC  
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2017203144 Safety Syringes, Inc.  
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2017203161 White Mountain Pharma, Inc.  
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2017203171 LearningWorks Limited  
2017203172 Rearden, LLC  
2017203174 Aristocrat Technologies Australia Pty Limited  
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2017203176 Snap-on Incorporated  
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2017203178 Dow AgroSciences LLC  
2017203180 Dow AgroSciences LLC  
2017203181 Seiko Epson Corporation  
2017203182 Dow AgroSciences LLC  
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2017203186 JBT Steel Industries Inc.  
2017203187 Meiji Seika Pharma Co., Ltd.  
2017203191 Glen Raven, Inc.  
2017203192 Acceleron Pharma Inc.  
2017203195 Aristocrat Technologies Australia Pty Limited  
2017203196 Kawasaki Jukogyo Kabushiki Kaisha  
2017203199 Sisgrass B.V.  
2017203200 Facebook, Inc.  
2017203201 Aristocrat Technologies Australia Pty Limited  
2017203202 Jain Irrigation Systems Limited  
2017203203 Gogo LLC  
2017203204 GEIB, U.  
2017203206 The Johns Hopkins University  
2017203207 Smart Medical Systems Ltd  
2017203208 Capano, V.; Bignill, M.; Colak, M.  
2017203209 Optis Cellular Technology, LLC  
2017203214 Mitsubishi Chemical Corporation; Genomatica, Inc.  
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**No IPC Mark**

**Innovation Patents Open to Public Inspection****Name Index**

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

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

<p><b>(71)</b> ABB Schweiz AG  <b>(11)</b> AU-A-2017100471  <b>(21)</b> 2017100471      <b>(22)</b> 28.04.2017  <b>(54)</b> A condition monitoring device for monitoring an electric machine  <b>(51)</b> Int. Cl.  <i>G05B 23/02</i> ( 2006.01 )  <i>F01D 25/00</i> ( 2006.01 )  <b>(31)</b> 20162076803.0    <b>(32)</b> 22.07.16 <b>(33)</b> CN  <b>(45)</b> 01.06.2017  <b>(72)</b> Pinto, Cajetan; Krishnamoorthi, Karthik; Orman, Maciej; Mulay, Prasad  <b>(74)</b> FB Rice</p> <hr/> <p><b>(71)</b> AME SYSTEMS (VIC) PTY LTD  <b>(11)</b> AU-A-2017100476  <b>(21)</b> 2017100476      <b>(22)</b> 01.05.2017  <b>(54)</b> Heavy Duty Insulation Displacement Connection for use with flat trailer cable / wiring  <b>(51)</b> Int. Cl.  <i>F16L 3/12</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> McAdie, Cameron; Pinniger, Dean  <b>(74)</b> AME SYSTEMS (VIC) PTY LTD</p> <hr/> <p><b>(71)</b> Apple Inc.  <b>(11)</b> AU-A-2017100482  <b>(21)</b> 2017100482      <b>(22)</b> 04.05.2017  <b>(54)</b> Devices, methods, and graphical user interfaces for providing haptic feedback  <b>(51)</b> Int. Cl.  <i>G06F 17/00</i> ( 2006.01 )  <b>(31)</b> 62/349,115      <b>(32)</b> 12.06.16 <b>(33)</b> US  <b>(45)</b> 01.06.2017  <b>(72)</b> MOUSSETTE, Camille; KERR, Duncan R.; KOPIN, Joshua R.; HE, Miao; FEN-NIS, Jules K.  <b>(74)</b> FPA Patent Attorneys Pty Ltd</p> <hr/> <p><b>(71)</b> Apple Inc.  <b>(11)</b> AU-A-2017100490  <b>(21)</b> 2017100490      <b>(22)</b> 04.05.2017  <b>(54)</b> User interfaces for navigating and playing content  <b>(51)</b> Int. Cl.  <i>HO4N 21/40</i> ( 2011.01 )  <i>HO4N 21/20</i> ( 2011.01 )  <b>(45)</b> 01.06.2017  <b>(62)</b> 2016101471  <b>(72)</b> LOCHHEAD, Jonathan; HOWARD, Joe; ROBBIN, Jeffrey L.; BACHMAN, William; KEIGHRAN, Benjamin W.; CHEN, Elbert D.; FOLSE, Jennifer L.C.  <b>(74)</b> FPA Patent Attorneys Pty Ltd</p> <hr/> <p><b>(71)</b> Costello, S.  <b>(11)</b> AU-A-2017100284  <b>(21)</b> 2017100284      <b>(22)</b> 21.03.2017  <b>(54)</b> A search engine, system, method and computer program for sourcing holiday accommodation and/or fishing charter operators.  <b>(51)</b> Int. Cl.  <i>G06Q 50/10</i> ( 2012.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> Costello, Sara  <b>(74)</b> Sara Costello</p> <hr/> <p><b>(71)</b> Earthsafe Waterbank Pty Limited  <b>(11)</b> AU-A-2017100442  <b>(21)</b> 2017100442      <b>(22)</b> 24.04.2017  <b>(54)</b> An Improved Module, System and Method for Treating Effluent  <b>(51)</b> Int. Cl.  <i>C02F 1/461</i> ( 2006.01 )  <i>C02F 1/46</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> Hill, Owen  <b>(74)</b> Shelston IP Pty Ltd.</p> <hr/> <p><b>(71)</b> Galvin Engineering Pty Ltd  <b>(11)</b> AU-A-2017100421  <b>(21)</b> 2017100421      <b>(22)</b> 12.04.2017  <b>(54)</b> A SHOWER HEAD ASSEMBLY  <b>(51)</b> Int. Cl.  <i>B05B 1/18</i> ( 2006.01 )  <i>B05B 1/16</i> ( 2006.01 )  <i>E03C 1/04</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> PRADZYNSKI, Konrad; BETTANY, Brian  <b>(74)</b> Griffith Hack</p> <hr/> <p><b>(71)</b> Hohai University  <b>(11)</b> AU-A-2017100468  <b>(21)</b> 2017100468      <b>(22)</b> 28.04.2017  <b>(54)</b> Water-Saving and Pollution-Reducing Method for Water Circulation use in Irrigation and Drainage Coupled Ecological Irrigation District in Flat Areas  <b>(51)</b> Int. Cl.  <i>C02F 3/32</i> ( 2006.01 )  <i>E02B 11/02</i> ( 2006.01 )  <i>E02B 13/00</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(62)</b> PCT/CN2015/075502  <b>(72)</b> WANG, Peifang; WANG, Chao; QIAN, Jin; HUO, Jun; REN, Lingxiao  <b>(74)</b> A.P.T. Patent and Trade Mark Attorneys</p> <hr/> <p><b>(71)</b> Hohai University  <b>(11)</b> AU-A-2017100489  <b>(21)</b> 2017100489      <b>(22)</b> 04.05.2017</p>	<p><b>(54)</b> COMPOSITE CATALYST FOR PREPARING HYDROGEN BY SUPER-CRITICAL WATER GASIFICATION OF LOW-MOISTURE-CONTENT DEHYDRATED SLUDGE AND USE OF COMPOSITE CATALYST  <b>(51)</b> Int. Cl.  <i>B01J 25/02</i> ( 2006.01 )  <i>B01J 23/755</i> ( 2006.01 )  <i>C01B 3/32</i> ( 2006.01 )  <i>C02F 11/00</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(62)</b> PCT/CN2015/082494  <b>(72)</b> Zhu, Wei; Gong, Miao; Zhang, Huiwen; Bao, Jianping; Ma, Qian; Su, Ying; Fan, Yujie  <b>(74)</b> Madderns Patent &amp; Trade Mark Attorneys</p> <hr/> <p><b>(71)</b> Jia, P.  <b>(11)</b> AU-A-2017100461  <b>(21)</b> 2017100461      <b>(22)</b> 27.04.2017  <b>(54)</b> DEFROSTING VALVE  <b>(51)</b> Int. Cl.  <i>F25D 21/06</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(62)</b> PCT/CN2015/091147  <b>(72)</b> Jia, Peiyu  <b>(74)</b> Madderns Patent &amp; Trade Mark Attorneys</p> <hr/> <p><b>(71)</b> Loanstreet Sdn Bhd  <b>(11)</b> AU-A-2017100460  <b>(21)</b> 2017100460      <b>(22)</b> 27.04.2017  <b>(54)</b> SYSTEM AND METHOD TO COMPARE AND RECOMMEND ELIGIBLE LOAN SERVICES  <b>(51)</b> Int. Cl.  <i>G06Q 40/02</i> ( 2012.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> LIM, Chu Ern  <b>(74)</b> MOHAN MURALI KODIVEL</p> <hr/> <p><b>(71)</b> McGrath, G.  <b>(11)</b> AU-A-2017100470  <b>(21)</b> 2017100470      <b>(22)</b> 28.04.2017  <b>(54)</b> An Improved Lock and Lock Module  <b>(51)</b> Int. Cl.  <i>E05B 47/00</i> ( 2006.01 )  <i>E05B 1/00</i> ( 2006.01 )  <b>(45)</b> 01.06.2017  <b>(72)</b> McGrath, Graeme  <b>(74)</b> Cullens Pty Ltd</p> <hr/> <p><b>(71)</b> Patel, J.  <b>(11)</b> AU-A-2017100458  <b>(21)</b> 2017100458      <b>(22)</b> 26.04.2017</p>
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(51) Int. Cl.  
*H04W 4/00* ( 2009.01 )

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(21) 2017100474

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(11) AU-A-2017100474

(21) 2017100474 (22) 01.05.2017

(54) WAVE-DRIVEN POWER GENERATION SYSTEM

(51) Int. Cl.

*F03B 13/18* ( 2006.01 )

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(71) Platypus Fire Pty Ltd

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(54) METHOD AND SYSTEM FOR SPRINKLER CONTROL IN AN OUT-DOOR ENVIRONMENT

(51) Int. Cl.

*G05D 11/02* ( 2006.01 )

*A01G 25/16* ( 2006.01 )

*A62C 3/02* ( 2006.01 )

*A62C 37/00* ( 2006.01 )

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(71) Research Institute of Forestry New Technology, Chinese Academy of Forestry

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(54) A Portable Water Sampling Device

(51) Int. Cl.

*G01N 1/14* ( 2006.01 )

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(11) AU-A-2017100484

(21) 2017100484 (22) 04.05.2017

(54) Water soluble granule of MCPA salt and preparation method thereof

(51) Int. Cl.

*A01N 37/10* ( 2006.01 )

*A01N 25/14* ( 2006.01 )

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(45) 01.06.2017

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(72) Sun, Guoqing; Hou, Yongsheng; Wu, Yong; Lu, Xuelin; Chen, Shuai

(74) Watermark Intellectual Property Pty Ltd

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(11) AU-A-2017100481

(21) 2017100481 (22) 03.05.2017

(54) OPERATION OF A MOBILE COMMUNICATION DEVICE

(51) Int. Cl.

*G06Q 20/40* ( 2012.01 )

*G06Q 20/32* ( 2012.01 )

*G06Q 20/42* ( 2012.01 )

(45) 01.06.2017

(62) 2016265960

(72) VENTER, Nick

(74) K&L Gates

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(71) Treglown, A.

(11) AU-A-2017100478

(21) 2017100478 (22) 02.05.2017

(54) Title: ADD ADD is an easier way for people to instantly connect across multiple social platforms. It allows the user to link forms of social media to quickly add 'friends' with a barcode scan/tap. Reducing the time needed to connect.

(51) Int. Cl.

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2017100474	PENG, S.; PENG, S.; PENG, C.
2017100475	Research Institute of Forestry New Technology, Chinese Academy of Forestry
2017100476	AME SYSTEMS (VIC) PTY LTD
2017100478	Treglown, A.
2017100481	Tranwall Holdings Limited
2017100482	Apple Inc.
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 (54) Heavy vehicle lifting apparatus and method  
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 (51) Int. Cl.  
*E04C 2/292* (2006.01)  
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*B29C 44/58* (2006.01)  
*E04B 1/61* (2006.01)  
*E04C 2/24* (2006.01)  
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*F02C 9/26* (2006.01)  
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 (51) Int. Cl.  
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 (54) Titled extracts of Cynara scolymus for use in the treatment of mesothelioma  
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**A61K 36/28** (2006.01)  
**A61P 35/00** (2006.01)  
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2014410976	Deutsche Telekom AG	2015338882	Haptech, Inc.
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2014414428	Sandvik Mining and Construction Oy	2015340424	Outotec (Finland) Oy
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2015207380	4Wall IP Ltd	2015340586	Zealand Pharma A/S
2015303167	Clariant International Ltd	2015341078	Dräger Safety AG & Co. KGaA
2015328299	Implantable Design, LLC	2015341098	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2015329765	Techtronic Industries Co. Ltd.	2015341147	Huawei Technologies Co., Ltd.
2015330483	Fink, L.	2015341301	Kangpu Biopharmaceuticals, Ltd.
2015330629	New Steel Solucoes Sustentaveis S.A.	2015341477	Physical Enterprises, Inc.
2015330646	LiveBarn Inc.	2015341484	Mor Research Applications Ltd.
2015330666	Xogen Technologies Inc.	2015341657	Servicio Andaluz de Salud; Universidad de Cordoba
2015330755	Red Leaf Resources, Inc.	2015341661	Enevo Oy
2015330785	Solidus Ventures GmbH; Samuels, E.; Frauchiger, D.	2015341696	Implantcast GmbH
2015330819	Tyco Fire & Security GmbH	2015341707	RPC Superfos A/S
2015331049	Schattdecor Sp. z.o.o.	2015341734	Ferring B.V.
2015331586	Classic Connectors	2015341739	Subsea 7 Norway AS
2015331587	Classic Connectors	2015342237	Tracto-Technik GmbH & Co. KG
2015331883	Fathym, Inc.	2015342271	Epiphanostics GmbH
2015332002	Prendergast, P.	2015342699	National Research Council Canada
2015332033	Corporacion Nacional del Cobre de Chile; Instituto de Innovacion en Mineria y Metalurgia S.A.	2015342795	ProteoSense
2015332244	Saint-Gobain Placo	2015342936	Scholar Rock, Inc.
2015332289	Pelican Feminine Healthcare Ltd	2015343151	Klean Kanteen, Inc.
2015332338	Glenmark Pharmaceuticals S.A.	2015343394	The Shepherd Color Company
2015332507	Ancestry.com DNA, LLC	2015343479	Knappco Corporation
2015332523	Spectrum Brands, Inc.	2015343514	Warsaw Orthopedic, Inc.
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2015333596	Epworth Research Institute; La Trobe University; Simpson, L.; Knuckey, L.	2015344838	Drug Delivery International Ltd
2015333601	Blue Ribbon Roasting Pty Ltd	2015344910	Hager-Electro SAS (Societe par Actions Simplifiee)
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2015334534	Pageproof.com Limited	2015344993	BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation
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2015335841	Arena Pharmaceuticals, Inc.	2015345248	Fraunhofer-Gesellschaft zur Forderung der ange-wandten Forschung e.V.
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2015336114	Cser Ventures, LLC	2015345943	ProMetic Pharma SMT Limited
2015336259	Ab Initio Technology LLC	2015345950	Dusseault, M.B.; Bilak, R.
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2015336275	Audimax, LLC	2015345984	Lieber, A.; Chow, R.; Varigos, E.
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2015346023	Melinta Therapeutics, Inc.	2015352042	Aboca S.p.A Società Agricola
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2015346054	Vanderbilt University	2015352180	Inova Design Solutions Ltd
2015346101	Island Oasis	2015352195	Kite Power Systems Limited
2015346110	Ranpak Corporation	2015352396	BASF SE
2015346126	Follea International	2015352469	uniQure IP B.V.
2015346168	Genus PLC	2015352482	BASF SE
2015346205	Memorial Sloan Kettering Cancer Center; The General Hospital Corporation	2015352567	VIB vzw; Katholieke Universiteit Leuven, K.U.Leuven R&D
2015346219	Memorial Sloan-Kettering Cancer Center	2015352603	Bayer Pharma Aktiengesellschaft
2015346235	Power Products, LLC	2015353026	Casale SA
2015346342	Niagara Bottling, LLC; Hanan, J.	2015353407	Pluralsight, LLC
2015346404	Temporal Defense Systems, LLC	2015353408	Airbnb, Inc.
2015346431	Hyperfine Research, Inc.	2015353523	The Johns Hopkins University
2015346433	8 Rivers Capital, LLC	2015353549	Cephalon, Inc.
2015346450	ForSight Vision4, Inc.	2015353585	Abbott Diabetes Care Inc.
2015346526	Vermeer Manufacturing Company	2015353601	The Johns Hopkins University
2015346530	Amazon Technologies, Inc.	2015353701	Allergan, Inc.
2015346576	Infinity Keyboard, Inc.	2015353756	Armstrong World Industries, Inc.
2015346657	Forge Life Science, LLC	2015353785	Lubrizol Advanced Materials, Inc.
2015346970	Bermad CS Ltd.	2015353821	Weatherford Technology Holdings, LLC
2015347003	Fisher & Paykel Healthcare Limited	2015354385	Arch Wood Protection Pty Ltd
2015347008	Stellenbosch University	2015354571	Canon Kabushiki Kaisha
2015347023	Hazan, Y.	2015354757	Rosemount Inc.
2015347078	Facebook, Inc.	2015354941	Green Cross Lab Cell Corporation; Mogam Institute for Biomedical Research
2015347306	Ferno-Washington, Inc.	2015355237	Medtronic Inc.
2015347308	Becton, Dickinson and Company	2015355670	Fisher & Paykel Healthcare Limited
2015347747	Toppan Printing Co., Ltd.	2015356727	Caffitaly System S.p.A.
2015348038	Saint-Gobain Placo SAS	2015356971	GE Healthcare Limited
2015348044	Greenspur Renewables Limited	2015357169	Janssen Pharmaceutica NV
2015348216	Universidad Rey Juan Carlos	2015357467	AMX LLC
2015348344	IVC N.V.	2015358246	3991814 Canada Inc.
2015348357	Sandvik Mining and Construction Oy	2015358289	MyFiziq Limited
2015348405	Alprazz AB	2015358343	Myriad Genetics, Inc.; Kaldate, R.
2015348631	Haldor Topsøe A/S	2015358529	Invuity, Inc.
2015348673	Rogers, A.	2015358566	60 Degrees Pharmaceuticals, LLC; Smith, B.L.; Jones, J.P.; Schmuklarsky, M.; Budda, B.
2015348740	Umicore	2015358610	DEKA Products Limited Partnership
2015348884	Fontaine Engineering und Maschinen GmbH	2015358868	Inbiomotion S.L.
2015348922	Biological E Limited	2015359241	Wallac Oy
2015348941	GlaxoSmithKline Intellectual Property (No.2) Limited	2015359408	Shell Internationale Research Maatschappij B.V.
2015348942	GlaxoSmithKline Intellectual Property (No.2) Limited	2015359424	Syngenta Participations AG
2015348943	GlaxoSmithKline Intellectual Property (No.2) Limited	2015359458	AGCO International GmbH
2015348944	GlaxoSmithKline Intellectual Property (No.2) Limited	2015360260	Cellcyt LLC
2015348948	University of The Western Cape	2015360273	Wake Forest University Health Sciences
2015349579	Hatch Ltd.	2015360547	Merck Patent GmbH
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2015349602	Deep Exploration Technologies CRC Limited	2015360746	Genentech, Inc.
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2015349694	Samsara Bottle System, Inc.; Waggoner, G.; Gay, A.; Riza, L.; Riza, E.	2015360856	Dana-Farber Cancer Institute, Inc.
2015349766	Dedoes Industries, Inc.	2015361015	The Gillette Company LLC
2015349771	Cytac Industries Inc.	2015361016	The Gillette Company LLC
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2015350019	VISA International Service Association	2015364334	W.L. Gore & Associates, Inc.
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2015350070	Weatherford Technology Holdings, LLC	2015364517	H.B. Fuller Company
2015350124	Weatherford Technology Holdings, LLC.	2015364520	H.B. Fuller Company
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2015350190	Janssen Pharmaceutica NV	2015365497	Pfizer Inc.
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2015386857	Gree Electric Appliances, Inc.of Zhuhai
2015401228	Beijing Oriental Railway Technology Development Co.,Ltd
2015404887	Acerra, M.
2015405779	Justr1te Manufacturing Company, LLC
2015409278	University of Virginia Patent Foundation
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2015355670		<u>G01F 1 /-</u> 2015346009 2015348948	<u>G06E 1 /-</u>	2015330785	<u>H01R 24 /-</u>
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2015337799		<u>G01F 11 /-</u> 2015360547 2015360856	<u>G06F 1 /-</u>	2014415560 2015347078	<u>H01R 4 /-</u>
<u>F24H 4 /-</u>	2015359241		2015360760	2015360760	2015331586
2015337799		<u>G01F 15 /-</u>	<u>G06F 13 /-</u>	<u>G06T 17 /-</u>	<u>H01R 43 /-</u>
<u>F24H 6 /-</u>	2015359241		2015360760	2015375557	2015331587
2015337799		<u>G01F 23 /-</u>	<u>G06F 15 /-</u>	<u>G06T 7 /-</u>	<u>H01R 9 /-</u>
<u>F24H 9 /-</u>	2015341661	2014350296	2015360760	2015330646	2015331586
2015337799	2015354757	<u>G01R 33 /-</u>	<u>G06F 17 /-</u>	2015339388	2015361172
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<u>F25J 3 /-</u>	2015354757	2014412888	2015332507 2015358289	2015371218	2015336908 2015337129
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2015374634			2016206706		
<u>F26B 11 /-</u>	2015354757	<u>G01V 3 /-</u>	<u>G06F 21 /-</u>	2014415560	<u>H02K 11 /-</u>
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	2015342699	2014414019 2015375557	2015334534 2015346404	<u>G10L 19 /-</u>	<u>H02K 21 /-</u>
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2015349602					
	2015352180	<u>G01V 9 /-</u>	2015336114	<u>G10L 21 /-</u>	<u>H02K 7 /-</u>
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2015349602		<u>G01K 1 /-</u>	2015343479 2015346576	2015336275	2015350622
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<u>F41A 33 /-</u>	2015354757	2015354757	2015346530 2015348357	2015346235	2015350622
2015338882		<u>G01K 13 /-</u>	<u>G02B 5 /-</u>	<u>H01H 71 /-</u>	<u>H02P 23 /-</u>
<u>F42B 10 /-</u>	2014415560	2015350056	<u>G06G 7 /-</u>	2015344910 2015344911	2015350622
2014410468		<u>G01L 19 /-</u>	<u>G02B 6 /-</u>	<u>H01H 83 /-</u>	<u>H03M 7 /-</u>
<u>F42B 15 /-</u>	2015354757	2014411696 2014411737	<u>G06N 5 /-</u>	2015344910 2015344911	2015345248
2014410468		<u>G01N 21 /-</u>	2015336259		<u>H04B 1 /-</u>
<u>F42D 1 /-</u>	2015342699 2015346009	<u>G03B 11 /-</u>	2015336265	<u>H01M 10 /-</u>	2015341147
2015332033	2015358343	2015357467	<u>G06Q 10 /-</u>	2015332523	<u>H04B 5 /-</u>
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<u>G01D 13 /-</u>	2015333761 2015358343	2015354571	2015333583 2015360760	<u>H01M 4 /-</u>	2015370269
2015354757		<u>G01N 31 /-</u>	<u>G05B 15 /-</u>	2015332529 2015367383	<u>H04L 5 /-</u>
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			2015347078		

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- H02J 50/00** (2016.01)  
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- 
- (71) Wm. Wrigley Jr. Company**  
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(51) Int. Cl.  
**A23G 3/34** (2006.01)  
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(44) 01.06.2017  
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(72) Hsu, Chia-Hua; Barkalow, David G.; Stawski, Barbara  
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**A22C 13/00** (2006.01)  
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- (71) Wright Medical Technology, Inc.**  
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**A61F 2/42** (2006.01)  
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(72) Sander, Elizabeth J.  
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- (71) Wright Medical Technology, Inc.**  
(11) AU-B-2015202252  
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**A61B 17/90** (2006.01)  
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(72) Stemniski, Paul M.; Reynolds, David G.  
(74) Fisher Adams Kelly Callinans
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- (71) WWTemplar LLC**  
(11) AU-B-2015343181  
(21) 2015343181 (22) 04.11.2015  
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(51) Int. Cl.  
**A62C 35/60** (2006.01)  
**A62C 37/00** (2006.01)

## Applications Accepted - Name Index cont'd

**G08C 17/02** ( 2006.01 )

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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**B01J 19/08** ( 2006.01 )

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 61/774,752 08.03.13 US  
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 (11) AU-B-2015243068  
 (21) 2015243068 (22) 16.10.2015  
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 (51) Int. Cl.  
**A23K 10/38** ( 2016.01 )  
**C12P 7/10** ( 2006.01 )  
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 (62) 2015202275  
 (72) Medoff, Marshall  
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(71) Yang, T.  
 (11) AU-B-2013254959  
 (21) 2013254959 (22) 08.11.2013  
 (54) Treadle-drive transmission wheel series with periodically varied speed ratio and having inward packing auxiliary wheel  
 (51) Int. Cl.  
**B62M 9/08** ( 2006.01 )  
**B62M 1/24** ( 2013.01 )  
**B62M 1/36** ( 2013.01 )  
**B62M 9/16** ( 2006.01 )  
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 (43) 29.05.2014  
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 (72) Yang, Tai-Her  
 (74) Davies Collison Cave Pty Ltd

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 (21) 2009321529 (22) 26.11.2009  
 (54) A water discharge device  
 (51) Int. Cl.  
**F16K 49/00** ( 2006.01 )  
**F16K 27/00** ( 2006.01 )  
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 (31) 2008906123 (32) 26.11.08 (33) AU  
 (43) 03.06.2010  
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 (72) Yewdall, Gary; Pickering, Graham  
 (74) Griffith Hack

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(71) ZHEJIANG LINIX MOTOR CO., LTD.  
 (11) AU-B-2016203072  
 (21) 2016203072 (22) 11.05.2016  
 (54) AUXILIARY FIXING DEVICE FOR MOUNTING LONG SCREW OF DIRECT CURRENT MOTOR  
 (51) Int. Cl.  
**H02K 15/00** ( 2006.01 )  
**H02K 7/00** ( 2006.01 )  
**H02K 11/00** ( 2016.01 )  
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 (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
 (87) WO2014/102141  
 (31) 12199430.5 (32) 27.12.12 (33) EP  
 (43) 03.07.2014  
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 (72) Hopkins, Andrew; Hardy, Philippe  
 (74) Phillips Ormonde Fitzpatrick

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(71) Zodiac Pool Systems, Inc.  
 (11) AU-B-2014251158  
 (21) 2014251158 (22) 08.04.2014  
 (54) Systems and methods for wirelessly communicating with automatic swimming pool cleaners  
 (51) Int. Cl.  
**E04H 4/14** ( 2006.01 )  
**E04H 4/16** ( 2006.01 )  
**F04B 49/00** ( 2006.01 )  
 (87) WO2014/168918  
 (31) 61/809,449 (32) 08.04.13 (33) US  
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 (72) Van Der Meijden, Hendrikus Johannes; Newman, Phillip John; Bauckman, Mark J.  
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## Numerical Index

2009321529	Yewdell, G.; Pickering, G.	2012298824	President and Fellows of Harvard College
2010264479	Romark Laboratories L.C.	2012299060	Universita degli Studi di Urbino "Carlo Bo"; Fondazione Istituto Italiano di Tecnologia; The Regents of the University of California; Universita degli Studi di Parma
2010281385	LIGACEPT, LLC	2012300944	Hybrigenics SA
2011201102	Bluescope Steel Limited	2012301810	Trustees of Tufts College
2011338441	Owens Corning Intellectual Capital, LLC	2012305688	WiTricity Corporation
2011338444	Owens Corning Intellectual Capital, LLC	2012306301	Total Research & Technology Feluy
2011339363	Swing Corporation	2012307421	Siemens Aktiengesellschaft
2011342117	Kirin Holdings Kabushiki Kaisha	2012308797	Regeneron Pharmaceuticals, Inc.
2011348316	Inventio AG	2012309114	KCI Licensing, Inc.
2011349574	Baxalta GmbH; Baxalta Incorporated	2012309240	Armour Holdings Limited
2011349844	Gilead Sciences, Inc.	2012312046	AbbVie Inc.; Owen Mumford Ltd.
2011352373	Chevron U.S.A. Inc.; University of South Alabama	2012312482	GE Healthcare Limited
2011356598	Shaver, W.	2012313966	Mashiach, A.
2011362611	Galick, A.	2012314175	Technip France
2011367245	Stagger Reef Pte. Ltd.	2012316063	Follea International Ltd.
2011367429	CommScope Technologies LLC	2012318647	Vessix Vascular, Inc.
2011373946	Statoil Petroleum AS	2012319199	DeLaval Holding AB
2011385377	Brigham Young University	2012322741	Arkada Licence SP. Z.O.O.
2012206265	Caboni, M.	2012323398	Elevance Renewable Sciences, Inc.
2012214313	Hunter Douglas, Inc.	2012325922	EMERGE, LLC.
2012221587	Tagivan II LLC	2012326042	Ethicon, Inc.
2012226370	Meldner, K.; Meldner, J.	2012326370	Celator Pharmaceuticals Inc.
2012228194	argEN-X N.V.	2012327283	Sandvik Intellectual Property AB
2012233010	Hall, R.	2012327934	Janssen Pharmaceuticals, Inc.
2012233422	Kuraray Co., Ltd.	2012328080	Mashiach, A.; Mueller, C.
2012240206	Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.	2012335220	Pfizer Inc.
2012242122	Bayer Intellectual Property GmbH	2012340418	Ab Initio Technology LLC
2012243433	Unimon Pty Ltd	2012340751	Incube Labs, LLC
2012244232	HYDRUS TECHNOLOGY PTY. LTD.	2012341537	Unicharm Corporation
2012245205	The Regents of the University of California, A California Corporation; The Regents of the University of Colorado, a Body Corporate	2012342167	Tuttoespresso S.r.l.
2012245995	In & Tec S.r.l.	2012343074	Sunshine Kaidi New Energy Group Co., Ltd
2012250489	Cocky Smart Pty Ltd	2012344715	GW Cosmetics GmbH
2012253667	Theravida, Inc.	2012352149	Trustees of Dartmouth College; Io Therapeutics, Inc.
2012255022	Dorasamy, R.	2012353035	Bitdefender IPR Management Ltd
2012257780	Sanofi-Aventis Deutschland GmbH	2012358103	Thales
2012258595	CIDRA Corporate Services Inc.	2012360293	Colpac Limited
2012260412	Julius Blum GmbH	2012362617	Robert Bosch Tool Corporation; Robert Bosch GmbH
2012261016	BP Exploration Operating Company Limited	2012364985	Verachtert, A.
2012261237	Tron -Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinsam nutzige GmbH; BioNTech AG	2012367273	Prototype Productions, Inc.
2012262740	Merial, Inc.	2012372784	Trimed, Incorporated
2012267467	Nitto Denko Corporation	2012374029	Mack Trucks, Inc.
2012268078	Mesoblast International Sarl	2012385744	Haldor Topsoe A/S
2012270042	Saipem S.p.A.	2012387839	Camlog Biotechnologies AG
2012271436	Graco Minnesota Inc.	2012390299	Schneider Electric IT Corporation
2012272550	The University of Queensland	2012390584	Husqvarna AB
2012272652	EpitoGenesis Inc.	2012392557	Bristol-Myers Squibb Company
2012275548	LG Fuel Cell Systems Inc.	2012394964	General Electric Company
2012281281	TiumBio Co., Ltd	2012395188	Syntaxin Limited
2012282287	Smith & Nephew Plc	2012395331	Huawei Technologies Co., Ltd.
2012283353	Sandvik Intellectual Property AB	2013200367	Covidien LP
2012284122	The United States of America as represented by the Secretary, Department of Health and Human Services	2013201854	World Pac International AG
2012290219	Cherrington, M.	2013206076	FENEMOR, J.E.
2012292016	Helmholtz Zentrum Munchen - Deutsches Forschungszentrum fur Gesundheit und Umwelt (GmbH)	2013206097	Covidien LP
2012292358	DSM IP Assets B.V.	2013206635	Samsung Electronics Co., Ltd.
2012292430	Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V.	2013208368	Verachtert, A.
2012293559	Soltec Energias Renovables, SL	2013208884	Laboratoires Expanscience
2012296458	Instrumentation Laboratory Company	2013209137	Re-N Technology ApS
2012296505	Instrumentation Laboratory Company	2013210055	E. I. du Pont De Nemours and Company
2012298335	Takeda Pharmaceutical Company Limited	2013210950	Subsea-Energy Oy
2012298725	Novozymes, Inc.	2013211639	GE Healthcare Limited; University of Southampton
		2013211824	University of Maryland, Baltimore; Gliknik Inc.
		2013212537	Aquaglobe Pty Ltd
		2013212609	Covidien LP
		2013213744	Deere & Company
		2013213746	Deere & Company
		2013215245	Dialight Corporation

## Applications Accepted - Numerical Index cont'd

2013215258	Cerion, LLC	2013315019	Providence Health & Services Oregon d/b/a Earle A. Chiles Research Institute of the Robert W. Franz Cancer Research Center at Providence Portland Medical Center; Galectin Therapeutics, Inc.
2013218068	Chemetall GmbH	2013318080	Steelcase Inc.
2013219209	Deere & Company	2013318193	Qualcomm Incorporated
2013219212	Deere & Company	2013318455	Caterpillar Global Mining LLC
2013221478	Repros Therapeutics Inc.	2013321880	Unicharm Corporation
2013223790	Reckitt & Colman (Overseas) Limited	2013322612	Tangent Reproiling Limited
2013225126	Electrolux Home Products Corporation N.V.	2013328401	CNH Industrial Canada, Ltd.
2013226612	Hunter Douglas Industries B.V.	2013328472	Maco Pharma; Etablissement Francais du Sang
2013226640	Absolute Equipment Pty Limited	2013330204	Erber Aktiengesellschaft
2013228797	Unicharm Corporation	2013330438	Evoqua Water Technologies LLC
2013229173	Pfizer Inc.	2013332507	Riser Support Systems
2013230503	Chevron Phillips Chemical Company LP	2013334809	BMC Software, Inc.
2013235424	Ricon Corp.	2013338432	Huntsman Petrochemical LLC
2013235729	Baylor University; Mateon Therapeutics, Inc.	2013339696	Toho Tenax Europe GmbH
2013239018	JX Nippon Oil & Energy Corporation	2013343024	Apitope International NV
2013239447	BAE SYSTEMS plc	2013343592	DSM IP Assets B.V.
2013246460	Qualcomm Incorporated	2013346773	Thales
2013248205	K2M, Inc.	2013352767	Samsung Electronics Co., Ltd.
2013248208	Wilcox Industries Corp	2013357784	Maschinenfabrik Koppern GmbH & Co. KG
2013249336	Avadel Pharmaceuticals (USA), Inc.	2013359342	Huwais IP Holding LLC
2013249657	USG Interiors, LLC	2013361106	Teikoku Pharma USA, Inc.
2013252635	Arkema Inc.	2013363398	Inception 2, Inc.
2013254959	Yang, T.	2013363839	Electrolux Home Products Corporation N.V.
2013256760	Dow Global Technologies LLC.	2013366867	Sumitomo Chemical Company, Limited
2013258432	Ganymed Pharmaceuticals AG; TRON- Translationale Onkologie an der Johannes Gutenberg-Universitat Mainz gemeinnutzige GmbH	2013368342	Chandra, S.
2013259495	Longhorn Vaccines and Diagnostics, LLC	2013369450	Zimmer GmbH
2013260271	Quizcamp-Fabrico e Comercio de Produtos Alimentares, S.A.	2013372820	E. I. du Pont de Nemours and Company
2013262606	Aesculap Implant Systems, LLC	2013374169	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
2013263548	Heerema Marine Contractors Nederland SE	2013385802	Monros, S.
2013263703	Caterpillar Inc.	2013387611	Mathys AG Bettlach
2013263756	Samsung Electronics Co., Ltd.	2013388966	Halliburton Energy Services, Inc.
2013266421	The United States of America, as represented by the Secretary, Department of Health and Human Services	2013389292	Landmark Graphics Corporation
2013267123	Engineered Corrosion Solutions, LLC	2013394119	Minova International Limited
2013267749	Neuropro Technologies, Inc.	2013396197	Landmark Graphics Corporation
2013268343	Otsuka Pharmaceutical Co., Ltd.	2013399932	Goodbaby Child Products Co., Ltd
2013269185	Stellenbosch University	2013404976	Halliburton Energy Services, Inc.
2013269280	Sela, S.	2013406710	Halliburton Energy Services, Inc.
2013270418	RUBICON RESEARCH PTY LTD	2013407022	Outotec (Finland) Oy
2013271344	DDNT Consultants Australia Pty Ltd	2013407373	SCA Hygiene Products AB
2013273435	Nuovo Pignone Srl	2013408355	Otis Elevator Company
2013274574	Tenex Health, Inc.	2013408731	Halliburton Energy Services Inc.
2013276372	Savox Communications Oy Ab (Ltd)	2014200277	PharmBio Corporation
2013277028	Collagen Matrix, Inc.	2014200582	Rohm and Haas Company; Dow Global Technologies LLC
2013277902	Jan Van Boxtel Artitec B.V.	2014200690	Sumitomo Rubber Industries, Ltd.
2013280990	E. I. du Pont de Nemours and Company	2014201824	CNH Industrial America LLC
2013282728	Tega Industries Limited	2014202236	General Electric Company
2013286577	Ralco Nutrition, Inc.	2014203984	Graco Minnesota Inc.
2013288296	Kimberly-Clark Worldwide, Inc.	2014204548	Caterpillar Inc.
2013288396	Dos & Donts S.r.l.	2014204936	Luxembourg Institute of Science and Technology (LIST)
2013292656	GE Oil & Gas Pressure Control LP	2014205355	Caterpillar Global Mining LLC
2013292841	Impact Therapeutics, Inc.	2014206083	GreenRail s.r.l.
2013293974	Fujiyakuhin Co., Ltd.	2014210666	Lockheed Martin Corporation
2013297267	Samsung Electronics Co., Ltd.	2014213871	Solytic
2013298720	Knorr-Bremse Systeme fur Schienenfahrzeuge GmbH	2014214751	Novartis AG
2013299577	Caterpillar Inc.	2014219149	Board of Regents, The University of Texas System
2013299926	Janssen Pharmaceutica NV	2014221269	Allegion (Australia) Pty Ltd
2013301452	Janssen Sciences Ireland UC	2014222344	LOCLAIN S.R.L.
2013302838	INVISTA Technologies S.a.r.l.	2014223843	Glowlink Communications Technology, Inc.
2013302947	Dow AgroSciences LLC; Kumar, S.; Gupta, M.; Alabed, D.	2014225489	Xyleco, Inc.
2013305744	The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services	2014227586	Apple Inc.
2013308480	Vitriflex, Inc.	2014231883	Hoya Corporation
2013310839	ARGEN-X NV	2014233639	Bradnam's Windows and Doors Pty Ltd
2013312966	Dejero Labs Inc.	2014235098	Technology Licensing Corp.
2013313129	Selig Sealing Products, Inc.	2014235283	Virun, Inc.
2013314436	Philip Morris Products S.A.	2014235407	Monk, H.
		2014237300	Eli Lilly and Company
		2014237711	Chevron U.S.A. Inc.

## Applications Accepted - Numerical Index cont'd

2014238453	North Park Innovations Group, Inc.	2014383203	ICB Pharma Spolka Jawna
2014240544	Uber Technologies, Inc.	2014385215	Illinois Tool Works Inc.
2014243939	Mustang Sampling LLC	2014385233	Gracenote Digital Ventures, LLC
2014246633	DSM IP Assets B.V.	2014385716	Huawei Technologies Co., Ltd.
2014248003	Lockheed Martin Corporation	2014391045	Jiangsu Midea Cleaning Appliances Co., Ltd.; Midea Group Co., Ltd.
2014249198	Fuji Xerox Co., Ltd.	2014409561	New York Air Brake, LLC
2014250663	Plant Tape USA, Inc.; Plant Tape Altea S.L.	2015200218	Cook Medical Technologies LLC
2014251158	Zodiac Pool Systems, Inc.	2015201039	Massachusetts Institute of Technology
2014251215	Technip France	2015201195	InterDigital Patent Holdings, Inc.
2014253930	Teleflex Medical Incorporated	2015201958	InterDigital Patent Holdings, Inc.
2014253977	University of Cincinnati	2015202181	Wright Medical Technology, Inc.
2014254277	Nicira, Inc.	2015202252	Wright Medical Technology, Inc.
2014259355	Arla Foods Amba	2015202493	Paul, A.; Hunt, L.; Garcia, A.; Mendez, F.
2014262579	GlaxoSmithKline LLC	2015202713	Taiwan Hopax Chems MFG. Co., Ltd.
2014262679	Amazon Technologies, Inc.	2015202899	Nestec S.A.
2014267494	Knorr-Bremse Systeme fur Schienenfahrzeuge GmbH	2015203054	SET Electrical Engineering Pty Ltd
2014271401	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	2015203279	Idev Technologies, Inc.
2014273105	Nuovo Pignone Srl	2015203283	Thomson Reuters Global Resources
2014274938	Shell Internationale Research Maatschappij B.V.	2015203443	ARC Medical Design Limited
2014277757	Unicharm Corporation	2015203696	Heartland Technology Partners LLC
2014278594	Apple Inc.	2015203709	Conformis, Inc.
2014279701	Kimberly-Clark Worldwide, Inc.	2015203714	CFPH, LLC
2014283418	Anheuser-Busch Inbev SA	2015203869	BRAIN CORP S.A.
2014284574	Caterpillar Inc.	2015203890	Adbri Masonry Pty Ltd
2014289944	The Royal Institution for the Advancement of Learning / McGill University	2015204712	VANTAGE LLC
2014289984	Innova Patent GmbH	2015207335	Toyota Jidosha Kabushiki Kaisha
2014293665	Imprimis Pharmaceuticals, Inc.	2015207834	Bundesdruckerei GmbH
2014293676	The Boeing Company	2015209535	Parenteral Technologies, LLC
2014294143	Sumitomo Chemical Company, Limited	2015210374	Huawei Technologies Co., Ltd.
2014294144	Sumitomo Chemical Company, Limited	2015210377	Doheny Eye Institute
2014294145	Sumitomo Chemical Company, Limited	2015210394	Neofocal Systems, Inc.
2014295030	Commissariat a l'Energie Atomique et aux Energies Alternatives	2015210421	SunPower Corporation
2014296446	Facebook, Inc.	2015210427	Fe3 Medical, Inc
2014296807	WhatsApp Inc.	2015210482	Kyungdong Navien Co., Ltd
2014301816	BeiGene, Ltd.	2015213267	Abbott Medical Optics Inc.
2014302009	Manrex Pty Ltd	2015215827	BASF Enzymes LLC
2014302390	W. L. Gore & Associates, Inc.	2015218540	Samsung Electronics Co., Ltd.
2014302471	Amazon Technologies, Inc.	2015219529	Doten, L.
2014302481	Gates Corporation	2015220463	Geenee GmbH
2014302793	Boston Scientific Neuromodulation Corporation	2015223359	Eli Lilly and Company
2014304191	Kimberly-Clark Worldwide, Inc.	2015224400	Teva Pharmaceuticals International GmbH
2014304656	Inventio AG	2015227500	Boston Scientific Neuromodulation Corporation
2014306067	Lippert Components Manufacturing, Inc.	2015227539	Seiko Epson Corporation
2014309068	Shell Internationale Research Maatschappij B.V.	2015230863	Grundfos Holding A/S
2014311450	Caterpillar Inc.	2015234296	Bookleaf Pty Ltd
2014320088	AstraZeneca AB	2015235511	JVC Kenwood Corporation
2014320278	Agfa Graphics NV	2015238811	Five3 Genomics, LLC
2014322639	Aurora Limited	2015238866	W. L. Gore & Associates, Inc.
2014328591	Apple Inc.	2015238919	Nucelis Inc.
2014330269	Innoway Co., Ltd	2015242975	Janssen Pharmaceutica NV
2014335666	Daikin Industries, Ltd.	2015243005	Adverio Pharma GmbH
2014338685	Rio Tinto Alcan International Limited	2015243068	Xyleco, Inc.
2014341651	Mitsubishi Heavy Industries, Ltd.	2015243070	Rhizen Pharmaceuticals S.A.
2014344316	Jenken Technology Co., Ltd. (Tianjin)	2015246104	Nelson, C.
2014346521	Gogo LLC	2015246241	Siemens Aktiengesellschaft
2014348865	Boston Scientific Neuromodulation Corporation	2015249022	Sangenic International Limited
2014348975	3M Innovative Properties Company	2015249040	Halliburton Energy Services, Inc.
2014351413	Novartis AG	2015252020	Wm. Wrigley Jr. Company
2014353285	eBay Inc.	2015253223	Taghleef Industries Inc.
2014354930	Stratasys, Inc.	2015258163	InovoBiologic, Inc.
2014354965	The Procter & Gamble Company	2015258256	Dalian Locomotive and Rolling Stock Co.,Ltd.CNR Group
2014355414	Toray Industries, Inc.	2015258323	Orthocell Limited
2014358471	Mitsubishi Heavy Industries, Ltd.	2015259497	Baker Hughes Incorporated
2014358835	Toyota Jidosha Kabushiki Kaisha	2015261550	Scott Technologies, Inc.
2014362551	Eagle Industry Co., Ltd.	2015264873	VISA International Service Association
2014365306	Clariant International Ltd	2015267354	Tribune Broadcasting Company, LLC
2014367655	LG Electronics Inc.	2015268722	Abbott Medical Optics Inc.
2014371906	Kawasaki Jukogyo Kabushiki Kaisha	2015268778	Outotec Oyj
2014374695	Samsung Electronics Co., Ltd.	2015275228	Nuctech Company Limited
		2015279837	Google Inc.

**Applications Accepted - Numerical Index cont'd**

2015285968	KCI Licensing, Inc.
2015288886	Jungwoo Metal Ind. Co., Ltd.
2015307852	Hitachi Construction Machinery Co., Ltd.
2015335631	Wilden Pump And Engineering LLC
2015343181	WWTemplar LLC
2015381720	Dropbox, Inc.
2016200307	Covidien LP
2016200510	Apple Inc.
2016200559	Accenture Global Services Limited
2016200676	Gilead Pharmasset LLC
2016201302	Blount, Inc.
2016201541	California Institute of Technology; University of Louisville Research Foundation, Inc.; The Regents of the University of California
2016201602	Qualcomm Incorporated
2016201694	The Boeing Company
2016201747	Romark Laboratories, L.C.
2016201809	Wirtgen GmbH
2016202846	Rhodes Pharmaceuticals L.P.
2016202847	Heraeus Medical GmbH
2016202919	Wilson Wolf Manufacturing Corporation
2016203049	Apple Inc.
2016203059	Norton (Waterford) Limited; Teva Pharmaceuticals Ireland; Ivax Pharmaceuticals Ireland
2016203072	ZHEJIANG LINIX MOTOR CO., LTD.
2016203484	Kwik-Zip Pty Ltd
2016203651	Danmarks Tekniske Universitet
2016203782	Pfizer Ireland Pharmaceuticals
2016204000	Polaris Industries Inc.
2016204120	LMK Technologies, LLC
2016204493	Facebook, Inc.
2016225943	Canon Kabushiki Kaisha
2016238921	Sandvik Mining and Construction Oy
2016250447	Prism Surgical Designs Pty Ltd
2016253653	Brogent Technologies Inc.
2017201239	Johnson, Z.
2017201405	Niles, J.
2017202982	HRO Holdings Pty Ltd

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2014250663	2013235729	<u>A47G 1 /-</u>	2013206076	2013221478	<u>A61K 49 /-</u>
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<u>A01G 11 /-</u>	2014391045	2013267749	2015210427	2012326370	
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<b>A61M 37 /-</b>	2012272550		<b>B01J 29 /-</b>	2012309240	<b>B41J 2 /-</b>
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2015227500	2012392557				
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2013322612	2015243070	2014365306	2014293676	2012255022	<b>B60P 1 /-</b>
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2014293676	2016202919	2011201102	<u>E21B 7 /-</u>	2014204548
<u>C09D 175 /-</u>	<u>C12N 9 /-</u>	<u>D06F 58 /-</u>	2015246104	<u>E21C 47 /-</u>
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				2015335631

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<b>F03B 13 /-</b>	<b>F16H 3 /-</b>	<b>F16P 3 /-</b>	2015204712	<b>G01N 23 /-</b>	2013263703 2015307852
2013210950	2013210950	2014338685	<b>F41A 3 /-</b>	2015275228	<b>G05D 23 /-</b>
2013212537	<b>F16J 15 /-</b>	<b>F16P 7 /-</b>	2015204712	<b>G01N 27 /-</b>	2013314436
2013271344			<b>F41A 9 /-</b>	2015261550	
2014222344	2013292656	2014338685		<b>G01N 33 /-</b>	2013318455
<b>F03B 15 /-</b>	2013308480		2015204712		<b>G05F 1 /-</b>
	2014362551	<b>F17D 3 /-</b>			
2014222344	<b>F16K 27 /-</b>		<b>F41C 23 /-</b>	2012261237	
<b>F03B 3 /-</b>	2009321529	2013270418	2012367273	2012296458	<b>G06F 1 /-</b>
2013212537	2013408731	2015219529		2012296505	
<b>F03G 7 /-</b>	<b>F16K 47 /-</b>	<b>F17D 5 /-</b>	<b>F41G 1 /-</b>	2015202899	2016200510
	2013270418			2015238811	2016203049
2013210950	2014222344	<b>F21S 8 /-</b>	2013248208	<b>G01P 13 /-</b>	<b>G06F 15 /-</b>
2014251158	2009321529	2014322639	<b>F41G 3 /-</b>	2012243433	2015218540
<b>F04B 49 /-</b>	<b>F16K 49 /-</b>	2013248208		<b>G01P 5 /-</b>	<b>G06F 17 /-</b>
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<b>F04C 14 /-</b>	<b>F16K 5 /-</b>	2013276372			2012395331
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<b>F04C 18 /-</b>	<b>F16L 1 /-</b>	2014322639	2013334809		2015220463
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<b>F04C 28 /-</b>	<b>F16L 5 /-</b>	<b>F23D 14 /-</b>	2015279837	2013263756	<b>G06F 19 /-</b>
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	2012270042	<b>F23Q 7 /-</b>	2013270418	2014248003	2012261237
<b>F04D 25 /-</b>	<b>F16L 19 /-</b>	2013269280	<b>G01F 23 /-</b>	<b>G01S 7 /-</b>	2014238453
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<b>F15B 15 /-</b>	<b>F16L 21 /-</b>			2014248003	
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	<b>F24F 11 /-</b>	2013270418		<b>G01V 1 /-</b>	2014254277
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	2014302481	<b>F24J 2 /-</b>	2013388966		2014262679
<b>F16C 37 /-</b>	<b>F16L 55 /-</b>	2012293559	<b>G01J 3 /-</b>	2013388966	2014302471
2014362551		<b>F25B 30 /-</b>	2013388966	<b>G02B 5 /-</b>	2014353285
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<b>F16D 3 /-</b>	2013273435	<b>F27D 9 /-</b>	2013407022	<b>G03G 15 /-</b>	<b>G06Q 10 /-</b>
2016225943			2014243939		
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2012307421		<b>F28D 21 /-</b>			2014278594
2013298720	<b>F16M 3 /-</b>	2014274938	2015230863	<b>G05B 11 /-</b>	<b>G06Q 20 /-</b>
<b>F16G 11 /-</b>	2013273435	<b>F28F 19 /-</b>	<b>G01N 21 /-</b>	2012390299	2015264873
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			2015230863		

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<u>G06Q 50 /-</u>	<u>G10K 11 /-</u>	<u>H02P 3 /-</u>	2016201602
2014278594	2012358103	2013408355	<u>H04N 21 /-</u>
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2015267354	<u>G10L 13 /-</u>	<u>H02P 5 /-</u>	2013318193
2015275228	2014385233		2013352767
2016204493			2015218540
2017202982	<u>G10L 15 /-</u>	<u>H04B 1 /-</u>	<u>H04N 5 /-</u>
<u>G06Q 90 /-</u>	2014227586		2015218540
2013334809	<u>G11B 20 /-</u>	2014223843	
		2015264873	<u>H04N 7 /-</u>
<u>G06T 11 /-</u>	2014385233	<u>H04B 10 /-</u>	2013352767
2015220463	<u>H01F 38 /-</u>	2014385716	<u>H04Q 1 /-</u>
<u>G06T 15 /-</u>	2013210950	<u>H04B 5 /-</u>	2011367429
2014240544	<u>H01J 49 /-</u>	2015264873	<u>H04R 1 /-</u>
<u>G06T 17 /-</u>	2013374169	<u>H04B 7 /-</u>	2014348975
2013389292	2014204936	2014346521	<u>H04W 12 /-</u>
2014248003	<u>H01L 31 /-</u>	2014367655	
<u>G06T 19 /-</u>	2015210421	<u>H04J 14 /-</u>	2013346773
2014240544	<u>H01R 13 /-</u>	2014385716	<u>H04W 16 /-</u>
<u>G07C 9 /-</u>	2011367429	<u>H04L 12 /-</u>	2015307852
2013288396	<u>H01S 3 /-</u>	2013407373	<u>H04W 24 /-</u>
<u>G07F 11 /-</u>	2015201039	2014296807	2013312966
2013407373	<u>H02J 13 /-</u>		2015201195
<u>G07F 9 /-</u>	2015234296	<u>H04L 27 /-</u>	2015307852
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<u>G08B 23 /-</u>	2015203054	2013239447	<u>H04W 4 /-</u>
2012243433	<u>H02J 50 /-</u>	2013334809	
<u>G08B 31 /-</u>	2012305688	2013407373	2013297267
2012243433	<u>H02K 11 /-</u>	2015381720	2013334809
<u>G08C 17 /-</u>	2016203072	<u>H04L 9 /-</u>	2015267354
2015258256	<u>H02K 15 /-</u>	2013239447	2015307852
2015343181		2013346773	
<u>G08G 1 /-</u>	2016203072	2015381720	<u>H04W 74 /-</u>
2015307852	<u>H02K 7 /-</u>		2015201958
<u>G09B 19 /-</u>	2016203072	<u>H04M 1 /-</u>	<u>H04W 8 /-</u>
2014227586	<u>H02M 3 /-</u>	<u>H04M 3 /-</u>	2013263756
<u>G09B 5 /-</u>	2014335666	2014296807	<u>H04W 80 /-</u>
	2014341651		
2014227586	<u>H02M 5 /-</u>	<u>H04M 7 /-</u>	2013312966
<u>G09F 3 /-</u>	2013215245	2014296807	<u>H04W 88 /-</u>
2015253223	2015203054	<u>H04N 19 /-</u>	2013263756
<u>G09G 5 /-</u>	<u>H02M 7 /-</u>	2012221587	2013246460
2015218540	2013408355	2013318193	2015210394
	2014335666		
	2014341651		

**Certified Innovation Patents****Name Index**

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

- 
- (71) Arch Wood Protection Pty Ltd  
 (11) AU-B-2015101280  
 (21) 2015101280      (22) 14.09.2015  
 (54) Carrier system for wood preservative formulations  
 (51) Int. Cl.  
*B27K 3/50* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 27/00* ( 2006.01 )  
*B27K 3/22* ( 2006.01 )  
*B27K 3/36* ( 2006.01 )  
*C09D 5/14* ( 2006.01 )  
 (45) 01.06.2017  
 (62) 2015215849  
 (72) Humphrey, David; Skewes, Brett; McFarling, Shane  
 (74) Shelston IP Pty Ltd.
- 
- (71) Arch Wood Protection Pty Ltd  
 (11) AU-B-2015101283  
 (21) 2015101283      (22) 14.09.2015  
 (54) A wood treatment formulation  
 (51) Int. Cl.  
*B27K 3/50* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 27/00* ( 2006.01 )  
*B27K 3/22* ( 2006.01 )  
*B27K 3/36* ( 2006.01 )  
*C09D 5/14* ( 2006.01 )  
 (45) 01.06.2017  
 (62) 2015215849  
 (72) Humphrey, David; Skewes, Brett; McFarling, Shane  
 (74) Shelston IP Pty Ltd.
- 
- (71) Shandong Weifang Rainbow Chemical Co., Ltd.  
 (11) AU-B-2016101700  
 (21) 2016101700      (22) 29.08.2016  
 (54) Water soluble granule of glufosinate-ammonium  
 (51) Int. Cl.  
*A01N 25/14* ( 2006.01 )  
*A01N 57/18* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
 (31) 201610570268.8    (32) 19.07.16 (33) CN  
 (45) 01.06.2017  
 (72) SUN, Guoqing; HOU, Yongsheng; WU, Yong; LU, Xuelin; CHEN, Shuai  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Shandong Weifang Rainbow Chemical Co., Ltd.  
 (11) AU-B-2016102057  
 (21) 2016102057      (22) 30.11.2016  
 (54) Water dispersible granule containing azoxystrobin and cyproconazole and preparation method thereof  
 (51) Int. Cl.  
*A01N 43/653* ( 2006.01 )

Numerical Index

- 2015101280** Arch Wood Protection Pty Ltd  
**2015101283** Arch Wood Protection Pty Ltd  
**2016101700** Shandong Weifang Rainbow Chemical Co., Ltd.  
**2016102057** Shandong Weifang Rainbow Chemical Co., Ltd.  
**2017100067** Tasmanian Alkaloids Pty Limited

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**A01H 1 /-**

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**A01N 57 /-**

2016101700

**A01P 13 /-**

2016101700

**B27K 3 /-**

2015101280

2015101283

**C09D 5 /-**

2015101280

2015101283

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2014308544	<b>Tama Plastic Industry ( SALL ENTERPRISES PTY LTD )</b>
2017200501	<b>Caterpillar Inc. ( CQMS Pty Ltd )</b>

**Opposition Withdrawn**

2014203179	<b>Aker BioMarine Antarctic AS ( Rimfrost AS )</b>
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**Patents Granted****Standard Patents**

2008249961	2008288645	2009301397	2009302932	2012282939	2012283555	2012284471	2012285783
2009310805	2009314552	2009322393	2009328658	2012285962	2012286664	2012287041	2012287160
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2013290057	2013290439	2013290599	2013290749
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2014207323	2014207369	2014207599	2014208203
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2014215330	2014215995	2014217524	2014218362
2014219311	2014219364	2014219518	2014220578
2014221655	2014222605	2014222728	2014222813
2014222852	2014225329	2014226196	2014227544
2014227565	2014227571	2014227962	2014228838
2014228990	2014229282	2014233540	2014233640
2014234327	2014235369	2014237168	2014239197
2014240211	2014240244	2014241607	2014243068
2014245166	2014245562	2014249968	2014249971
2014249972	2014250122	2014250320	2014251413
2014252666	2014253135	2014253342	2014253460
2014253483	2014253501	2014253584	2014253658
2014256448	2014256633	2014257841	2014259431
2014261699	2014262183	2014262269	2014262425
2014262895	2014263432	2014263643	2014264399
2014264400	2014264403	2014264976	2014265063
2014265075	2014265078	2014265112	2014265116
2014268040	2014268221	2014268243	2014268860
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2014286909	2014288839	2014289255	2014289724
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**Patents Granted****Standard Patents**

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2014331388	2014332906	2014336243	2014337312
2014340147	2014340568	2014340583	2014340644
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2014362662	2014363996	2014364240	2014364241
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2014388516	2014390009	2014391125	2014391749
2014393417	2014394158	2014396898	2014398663
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2015202000	2015202183	2015202268	2015202335
2015202357	2015202418	2015202545	2015202681
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2015204353	2015204374	2015204593	2015205834
2015205931	2015205949	2015207914	2015207949
2015208482	2015210337	2015210431	2015213270
2015213301	2015213388	2015213346	2015213618
2015215845	2015215916	2015215934	2015217504
2015218488	2015218520	2015220911	2015221466
2015221505	2015221536	2015224527	2015225696
2015225697	2015226378	2015227390	2015228733
2015230098	2015230774	2015230795	2015230864
2015231805	2015234381	2015238867	2015238911
2015238914	2015238918	2015243015	2015246105
2015246108	2015246136	2015249041	2015249163
2015249187	2015249188	2015249207	2015252163
2015253003	2015253558	2015255186	2015255215
2015255250	2015258157	2015258228	2015261721
2015264810	2015264861	2015264906	2015264929
2015265235	2015265389	2015267776	2015267832
2015268575	2015268576	2015268616	2015271890
2015271900	2015271909	2015282353	2015282375
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**Innovation Patents**

2017100284	2017100421
2017100425	2017100442
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**Assignments Registered**

2002329321 Aquasolo Systems The patent has been assigned to

Exel Industries

2003238700 Casio Computer Co., Ltd. The patent has been assigned to Solas OLED Ltd

**Assignments Registered**

2004263612 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2004267168 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2005221582 CellCoTec B.V. The patent has been assigned to **CartiRegen B.V.**

2005233321 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2005268758 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2005291953 CO2Pac Limited; Melrose, David The patent has been assigned to **Melrose, David**

2005303648 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2005332128 Novarex Co., Ltd. The patent has been assigned to **Happy Enzyme Co., Ltd.**

2006257890 Sac Acquisition LLC The patent has been assigned to **The Lovesac Company**

2006258246 Sac Acquisition LLC The patent has been assigned to **The Lovesac Company**

2006301942 Securoseal Pty Ltd The patent has been assigned to **Securoseal Netherlands B.V.**

2006330763 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2006333453 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2006333467 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2006337161 JR Chem, LLC The patent has been assigned to **Obagi Medical Products, Inc.**

2006346191 Iannelli, Gabriele The patent has been assigned to **Vascutek Limited**

2007208110 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007208111 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007208112 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007220811 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007225030 PACKAGING TECHNOLOGY PARTICIPATION SA The patent has been assigned to **Packaging Technology Participation Netherlands B.V.**

2007245406 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2007269129 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007285894 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

**Assignments Registered**

2007289432 CellCoTec B.V. The patent has been assigned to **CartiRegen B.V.**

2007289433 CellCoTec B.V. The patent has been assigned to **CartiRegen B.V.**

2007345621 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007350337 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2007358567 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2008207403 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2008230034 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2008236604 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2008243068 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2008246223 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2008265504 Securoseal Pty Ltd The patent has been assigned to **Securoseal Netherlands B.V.**

2008313433 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2008326227 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2008349706 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2009200825 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2009200826 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2009201281 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2009201809 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2009202298 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2009219953 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2009220956 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2009235897 TIANJIN HEMAY BIO-TECH CO. LTD.; TIANJIN MICHELE SCI-TECH DEVELOPMENT CO., LTD The patent has been assigned to **Tianjin Hemay Oncology Pharmaceutical Co., Ltd**

2009323840 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2010200109 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

**Assignments Registered**

2010203051 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2010233849 Boehringer Ingelheim International GmbH The patent has been assigned to **Alkahest, Inc.**

2010244585 Siemens Aktiengesellschaft The patent has been assigned to **Kalina Power Limited**

2010286183 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2011202731 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2011202734 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2011204871 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2011266808 Druggability Technologies IP Holdco (Jersey) Ltd. The patent has been assigned to **Nanoform Cardiovascular Therapeutics Limited**

2011311530 Boehringer Ingelheim International GmbH The patent has been assigned to **Alkahest, Inc.**

2012201280 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2012201431 Eagle Technology, LLC The patent has been assigned to **Harris IT Services Corporation**

2012251379 Copan Information Technologies S.r.l. The patent has been assigned to **COPAN ITALIA S.P.A.**

2012269360 AEEG AB The patent has been assigned to **ITSO Medical AB**

2012355385 Kabam, Inc. The patent has been assigned to **After-shock Services, Inc.**

2013201574 Carpadium Pty Ltd The patent has been assigned to **Geodica Pty Ltd**

2013302959 Cactus, LLC The patent has been assigned to **Stryker Corporation**

2014101576 ZipID Holdings Pty Ltd The patent has been assigned to **Equifax Pty Limited**

2014221275 Petrowell Limited The patent has been assigned to **Weatherford Technology Holdings, LLC**

2014287745 LockOn LLC The patent has been assigned to **Flow-Rite Controls, Ltd.**

2016100763 Mobile Skips Holdings The patent has been assigned to **Mobile Skips (Australia) Pty Ltd**

2016101833 cumming, craig The patent has been assigned to **BOTTLESALES.COM.AU PTY LTD**

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

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

2013203227 Novartis AG ( Novartis Pharmaceuticals Australia Pty Limited )

**Discharge of a Mortgage**

2004317836 Discharge of a Mortgage was made in the Register on 05.04.2017 .

**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.

2007357338 **Millennium Pharmaceuticals, Inc.**

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

For the goods NINLARO ixazomib (as citrate)

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2009260778 **Millennium Pharmaceuticals, Inc.**

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

For the goods NINLARO ixazomib (as citrate)

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2011265405 **Millennium Pharmaceuticals Inc.**

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

For the goods NINLARO ixazomib (as citrate)

Address for service : Davies Collison Cave Pty Ltd 1 Nicholson ST Melbourne VIC 3000 AU

**Corrigenda**

In Vol 28 , No 19 , Page(s) 2548 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Husqvarna AB, Application No.2012319198, under INID (72) correct the co-inventor to Hallgren, Ingvar

In Vol 29 , No 19 , Page(s) 2916 under the heading **Applications Accepted - Name Index** Under the name Husqvarna AB, Application No.2012319198, under INID (72) correct the co-inventor to Hallgren, Ingvar.

In Vol 31 , No 19 , Page(s) 2796 under the heading **Amendments - Application for Amendments** Under the name Delica AG, Application No. 2012356914 correct the date of the statements filed to read 02 and 05 May 2017

In Vol 31 , No 20 , Page(s) 2942 under the heading **Amendments - Application for Amendments** Under the name Boehringer Ingelheim International GmbH, Application No. 2012285904 correct the date of the statements filed to read 2 Feb and 3 May 2017

**Specifications Republished**

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

2012201263 **Daiichi Sankyo Company, Limited**  
2012234917 **Rubicon Research Pty Ltd**

**Specifications Republished**

2012318471	Pisces Therapeutics LLC
2013253444	Toray Industries, Inc.
2013305583	M. M. & R. Products, Inc.
2014204319	Flowpro Well Technology AS
2016262657	Gratuk Technologies Pty Ltd

**Advertisement**

**Application to amend Australian Patent no. 2002326114**

***Proceeding***

Neurim Pharmaceuticals (1991) Ltd. has sought an order under s 105(1) of the Act in Federal Court Proceeding NSD 656/2017 to amend Australian Patent No. 2002326114 (the **114 Patent**) titled "Method for treating primary insomnia".

***Particulars of amendment sought***

Neurim Pharmaceuticals (1991) Ltd. has sought an order to amend the complete specification of the 114 Patent in accordance with the Statement of Proposed Amendments.

***Applicant's address for service***

Neurim Pharmaceuticals (1991) Ltd.'s address for service is:

c/-

Nicholas Tyacke  
DLA Piper Australia  
Level 23, No. 1 Martin Place  
SYDNEY NSW 2000

***Opposition to application***

A person intending to oppose the amendment application who is not a party to the Proceeding must, within 28 days after publication of this advertisement, give written notice of that intention to the Commissioner of Patents and each party to the Proceeding.

2002326114 12 May 2017



AUSTRALIA

Patents Act 1990

**Statement of Proposed Amendments - Section 105(1)**

Patent No: 2002326114

Our Ref: 387037/1

Patentee: Neurim Pharmaceuticals (1991) Ltd

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1. Replace current pages 4, 4a, 15, and 16 with new pages 4, 4a, 15, and 16, lodged herewith in duplicate.

12 May 2017

#### SUMMARY OF THE INVENTION

The present invention provides in one embodiment, use of at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists in an effective amount within the range of 0.0025 to 50 mg, in the manufacture of a medicament, for treating and improving the restorative quality of sleep, in a patient suffering from primary insomnia, wherein the medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifiers adjuvant or carrier.

In another embodiment, the invention provides a method for treating and improving the restorative quality of sleep, in a patient suffering from primary insomnia, which comprises administering an effective amount of at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists, to said patient, said effective amount being within the range of 0.0025 to 50 mg.

In still another embodiment, the invention provides a medicament, for use in improving both the quality and quantity of sleep, in primary insomnia, which comprises at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists, and at least one additional therapeutic agent selected from anxiolytics, antidepressants, hypnotics, sedatives, antihypertensives, analgesics, dopaminergic agonists, antipsychotics, minor tranquilizers, anorectics and anti-inflammatory drugs, in addition to at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifiers adjuvant or carrier.

In a first aspect, the present invention provides use of melatonin in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, wherein said medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is present in said medicament in an effective amount within the range of 0.025 to 10 mg.

In a second aspect, the present invention provides method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, which comprises administering an

- 4a -

effective amount within the range of 0.025 to 10 mg of melatonin to said patient, wherein said melatonin is administered in the form of a medicament, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is the only therapeutically active agent administered according to said method.

5 Unless the context clearly requires otherwise, throughout the description and the claims, the words "comprise", "comprising", and the like are to be construed in an inclusive sense as opposed to an exclusive or exhaustive sense; that is to say, in the sense of "including, but not limited to".

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

1. Use of melatonin in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, wherein said medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is present in said medicament in an effective amount within the range of 0.025 to 10 mg.

5 2. Use according to claim 1, wherein the medicament comprises at least one of the following features:

(i) it is adapted for oral, rectal, parenteral, transbuccal, intrapulmonary (e.g. by inhalation) or transdermal administration;

(ii) it is in a depot form which will release the melatonin slowly in the body, over a preselected time period.

15 3. Use according to claim 2, wherein said prolonged release formulation includes an acrylic resin.

4. Method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, which comprises administering an effective amount within the range of 0.025 to 10 mg of melatonin to said patient, wherein said melatonin is administered in the form of a medicament, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is the only therapeutically active agent administered according to said method.

20 5. Method according to claim 4, wherein the medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier.

6. Method according to claim 5, wherein the medicament comprises at least one of the following features:

(i) it is adapted for oral, rectal, parenteral, transbuccal, intrapulmonary (e.g. by inhalation) or transdermal administration;

(ii) it is in a depot form which will release said at least one compound slowly in the body, over a preselected time period.

7. Method according to claim 6, wherein said prolonged release formulation includes an acrylic resin.
8. Use of melatonin in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, substantially as herein described with reference to any one of the examples but excluding comparative examples.
9. Method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, substantially as herein described with reference to any one of the examples but excluding comparative examples.

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## SUMMARY OF THE INVENTION

The present invention provides in one embodiment, use of at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists in an effective amount within the range of 0.0025 to 50 mg, in the manufacture of a medicament, for treating and improving the restorative quality of sleep, in a patient suffering from primary insomnia, wherein the medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifiers adjuvant or carrier.

In another embodiment, the invention provides a method for treating and improving the restorative quality of sleep, in a patient suffering from primary insomnia, which comprises administering an effective amount of at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists, to said patient, said effective amount being within the range of 0.0025 to 50 mg.

In still another embodiment, the invention provides a medicament, for use in improving both the quality and quantity of sleep, in primary insomnia, which comprises at least one compound selected from melatonin, other melatonergic agents, melatonin agonists and melatonin antagonists, and at least one additional therapeutic agent selected from anxiolytics, antidepressants, hypnotics, sedatives, antihypertensives, analgesics, dopaminergic agonists, antipsychotics, minor tranquilizers, anorectics and anti-inflammatory drugs, in addition to at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifiers adjuvant or carrier.

In a first aspect, the present invention provides use of at least one compound selected from melatonin and melatonin agonists, in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, wherein said medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier, said medicament is a prolonged release formulation in unit dosage form, and said at least one compoundmelatonin is present in said medicament in an effective amount within the range of 0.0025 to 50-10 mg.

In a second aspect, the present invention provides method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, which comprises administering an

- 4a -

effective amount within the range of 0.0025 to 150 mg of at least one compound selected from melatonin and melatonin agonists, to said patient, wherein said melatonin is administered in the form of a medicament, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is the only therapeutically active agent administered according to said method.

Unless the context clearly requires otherwise, throughout the description and the claims, the words "comprise", "comprising", and the like are to be construed in an inclusive sense as opposed to an exclusive or exhaustive sense; that is to say, in the sense of "including, but not limited to".

- 15 -

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

1. Use of ~~at least one compound selected from melatonin and melatonin agonists~~, in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in

5 said patient, wherein said medicament comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier, said medicament is a prolonged release formulation in unit dosage form, and said ~~at least one compound melatonin~~ is present in said medicament in an effective amount within the range of 0.0025 to ~~5~~10 mg.

10 2. Use according to claim 1, wherein the medicament comprises at least one of the following features:

(i) it is adapted for oral, rectal, parenteral, transbuccal, intrapulmonary (e.g. by inhalation) or transdermal administration;

15 (ii) it is in unit dosage form, each unit dosage comprising an amount of ~~said at least one compound which lies within the range of 0.025 to 10 mg~~;

(iii) it is a prolonged release formulation;

(iv) it is in a depot form which will release the melatonin slowly in the body, over a preselected time period;

20 (v) it comprises also at least one additional therapeutic agent selected from ~~anxiolytics, antidepressants, hypnotics, sedatives, antihypertensives, analgesies, dopaminergic agonists, antipsychotics, minor tranquilizers, anorectics and anti-inflammatory drugs~~.

3. Use according to claim 2, wherein said prolonged release formulation includes an acrylic resin.

25 4. Method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, which comprises administering an effective amount within the range of 0.0025 to ~~5~~10 mg of ~~at least one compound selected from melatonin and melatonin agonists~~, to said patient, wherein said melatonin is administered in the form of a medicament, said medicament is a prolonged release formulation in unit dosage form, and said melatonin is the only therapeutically active agent administered according to said method.

30 5. Method according to claim 4, wherein the ~~melatonin is administered in the form of a medicament, which~~ comprises also at least one pharmaceutically acceptable diluent, preservative, antioxidant, solubilizer, emulsifier, adjuvant or carrier.

6. Method according to claim 5, wherein the medicament comprises at least one of the following features:

(i) it is adapted for oral, rectal, parenteral, transbuccal, intrapulmonary (e.g. inhalation) or transdermal administration;

5 (ii) ~~it is in unit dosage form, each unit dosage comprising an amount of said at least one compound which lies within the range of 0.025 to 10 mg;~~

(iii) ~~it is a prolonged release formulation;~~

(iv) ~~it is in a depot form which will release said at least one compound slowly in the body, over a preselected time period;~~

10 (v) ~~it comprises also at least one additional therapeutic agent selected from anxiolytics, antidepressants, hypnotics, sedatives, antihypertensives, analgesies, dopaminergic agonists antipsychotics, minor tranquilizers, anorectics and anti-inflammatory drugs.~~

7. Method according to claim 6, wherein said prolonged release formulation

15 includes an acrylic resin.

8. Use of ~~at least one compound selected from melatonin and melatonin agonists~~, in the manufacture of a medicament for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, substantially as herein described with reference to any one of the examples  
20 but excluding comparative examples.

9. Method for treating a patient suffering from primary insomnia characterized by non-restorative sleep and improving the restorative quality of sleep in said patient, substantially as herein described with reference to any one of the examples but excluding comparative examples.