



**Australian Government**

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**IP Australia**

**Supplement to the  
AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For Information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) and the Supplement to the AOJP reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal & supplement to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### **(i) FILING -**

This is the act of making an application. When the application is first filed certain details are published.

### **(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -**

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### **(iii) ACCEPTANCE –**

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### **(iv) OPPOSITION –**

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### **(v) GRANTING –**

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### **(vi) CERTIFICATION**

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## **How To Identify Information Using "INID" Numbers**

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

### Document Numbering in the **Australian Official Journal of Patents**

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

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

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

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

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

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.  
A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Sep 2014 .

(71) Abdallah, S. (21) 2014903849 (22) 26.09.2014 (54) A support rail assembly	(71) AUCKLAND UNISERVICES LIMITED (21) 2014903780 (22) 22.09.2014 (54) RUNTIME CODE INSTRUMENTATION SYSTEM AND METHOD	(71) Brand Developers Ltd (21) 2014903753 (22) 19.09.2014 (54) Umbrella
(71) AD RES PTY LTD (21) 2014903839 (22) 26.09.2014 (54) SYSTEMS AND METHODS FOR GIFTING PHYSICAL ITEMS	(71) Bandyala, M. (21) 2014903798 (22) 23.09.2014 (54) COMPUTER IMPLEMENTED METHOD AND SYSTEM FOR MINIMISING PETROL THEFT	(71) Cafetto Asia Pte. Ltd. (21) 2014903817 (22) 24.09.2014 (54) CLEANING DEVICE AND METHOD
(71) Archer Innovation Pty Ltd (21) 2014903805 (22) 23.09.2014 (54) EXERCISE APPARATUS	(71) BIGSMS Pty Ltd (21) 2014903830 (22) 25.09.2014 (54) Method and systems for monitoring occupancy	(71) Cardlink Services Limited (21) 2014903822 (22) 24.09.2014 (54) Secure transfer of payment data
(71) ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LIMITED (21) 2014903777 (22) 22.09.2014 (54) Methods and Systems for Awarding a Jackpot	(71) Biobike Pty Ltd (21) 2014903844 (22) 26.09.2014 (54) A Training System	(71) Carr, A. (21) 2014903831 (22) 23.09.2014 (54) Skateboard Jumper-brake
(71) Aristocrat Technologies Australia Pty Limited (21) 2014903841 (22) 26.09.2014 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER	(71) Biobike Pty Ltd (21) 2014903847 (22) 26.09.2014 (54) A Bicycle Seat Assembly	(71) Chaffey, I.; Candy, K. (21) 2014903789 (22) 22.09.2014 (54) Tape and wrapping material with visible finding end.
(71) Aristocrat Technologies Australia Pty Limited (21) 2014903842 (22) 26.09.2014 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER	(71) Blood, T. (21) 2014903776 (22) 22.09.2014 (54) Methods for improving shipping & air transport efficiencies & improving environmental outcomes	(71) Commonwealth Scientific & Industrial Research Organisation (21) 2014903778 (22) 22.09.2014 (54) Linear equalization for use in low latency high speed communication systems
(71) ASM Holdings Australia Ltd (21) 2014903733 (22) 18.09.2014 (54) A stud	(71) Blood, T. (21) 2014903807 (22) 24.09.2014 (54) Rapid Loading & Unloading Of Shipping Containers	(71) Cozy Dozee (21) 2014903850 (22) 26.09.2014 (54) Seat and Head Support
(71) Asset View Pty Ltd (21) 2014903851 (22) 26.09.2014 (54) A MANAGEMENT PLATFORM FOR A DISTRIBUTION NETWORK	(71) Bowey, C. (21) 2014903836 (22) 25.09.2014 (54) Exercise Machine	(71) Davtec Group Pty Ltd (21) 2014903714 (22) 18.09.2014 (54) Providing the costume to schools and high schools for book week and other occasions

Provisional Applications Filed - Name Index cont'd

(71) Deakin University  
(21) 2014903751 (22) 19.09.2014  
(54) Methods of Processing Metastable Beta Titanium Alloys

(71) Deakin University  
(21) 2014903835 (22) 25.09.2014  
(54) LIQUID REPELLENT ARTICLE AND PROCESS FOR THE PREPARATION OF THE ARTICLE

(71) DEAKIN UNIVERSITY; MONASH UNIVERSITY  
(21) 2014903782 (22) 22.09.2014  
(54) AN ELECTRICITY GENERATOR

(71) de Mamiel, J.M.  
(21) 2014903809 (22) 24.09.2014  
(54) The Trailer Tarp. The trailer tarp, is an alternative to a trailer net, or a regular tarp. The invention has a centre piece being either of tarp material, or canvas material, and has hooks attached via retractable elastic, that enable the tarp to be attached to various items such as different sizes of trailers or boats. The retractable elastic is able to be adjusted dependant upon the height of the trailer load, or the depth of the trailer. The distance between each hook will prevent the hooks becoming tangled with one another. The hooks at the end of the elastic make no installation needed.

(71) DPMENG PTY LTD  
(21) 2014903845 (22) 26.09.2014  
(54) HYBRID POWERTRAIN CONVERSION FOR THREE WHEELERS

(71) EASI PISE CONSTRUCTION TECHNOLOGIES PTY LTD  
(21) 2014903792 (22) 23.09.2014  
(54) The present invention relates to compacting machines and apparatus for compacting particulate matter to form a wall or base. The invention has particular but not exclusive application for compacting an earth mixture to construct a rammed earth wall. Hempcrete would be another example where this invention could be used.

Eastern Mennonite University see Horticulture Australia Limited  
(21) 2014903832

(71) Euxinus Technologies Pty Ltd  
(21) 2014903791 (22) 22.09.2014  
(54) SECURE MAILBOX FOR MAIL AND/OR PACKAGE DELIVERY

(71) Fidelis Technologies Pty Ltd  
(21) 2014903816 (22) 24.09.2014  
(54) A RELEASABLE STRAP ARRANGEMENT, A TEMPERATURE MEASURING DEVICE AND A SYSTEM FOR COMMUNICATING A BODY TEMPERATURE

(71) Futurenet Investments Pty Ltd  
(21) 2014903788 (22) 22.09.2014  
(54) Method, System and Server for Identifying an Object and information Associated with the Object.

(71) Global Carbon Footprint Solutions Pty Limited  
(21) 2014903810 (22) 24.09.2014  
(54) Novel variety and uses of Portulacaria afra

(71) Guina Energy Pty Limited  
(21) 2014903781 (22) 22.09.2014  
(54) Improvements in Electromagnetic Devices

(71) Guina Energy Pty Limited  
(21) 2014903829 (22) 25.09.2014  
(54) Improvements in Electromagnetic Devices

(71) Hayward, J.  
(21) 2014903779 (22) 22.09.2014  
(54) Combo Engine

(71) HENDON SEMICONDUCTORS PTY LTD  
(21) 2014903838 (22) 26.09.2014  
(54) A PHASE CUTTING CONTROL DIMMER ARRANGEMENT WITH SURGE VOLTAGE AND ELECTRICAL FAST TRANSIENT PROTECTION

(71) Horticulture Australia Limited; Macquarie University; Eastern Mennonite University  
(21) 2014903832 (22) 25.09.2014  
(54) Fruit Fly Attractant

(71) Hidayioglu, T.  
(21) 2014903811 (22) 24.09.2014  
(54) INHALATION DEVICE AND METHOD

(71) Isibuck Pty Limited  
(21) 2014903820 (22) 24.09.2014  
(54) APPARATUS FOR DISPENSING FLUID

(71) Jones, C.; McPherson, G.; Rensch, M.; McPherson, T.  
(21) 2014903848 (22) 26.09.2014  
(54) System and method to manage risk in the market to supply energy. This invention addresses how to retail energy to consumers in a volatile energy market and in an economical and robust way that meets regulatory requirements.

(71) Keaney, P.  
(21) 2014903828 (22) 25.09.2014  
(54) Apparatus for preparing food

(71) Kimberley Plastics Pty Ltd  
(21) 2014903749 (22) 19.09.2014  
(54) RECESSED LIGHTING SYSTEM

(71) King Furniture Australia Pty Ltd  
(21) 2014903825 (22) 25.09.2014  
(54) An article of furniture

(71) King Furniture Australia Pty Ltd  
(21) 2014903826 (22) 25.09.2014  
(54) An article of furniture

(71) King Furniture Australia Pty Ltd  
(21) 2014903827 (22) 25.09.2014  
(54) An article of furniture

(71) Larsen, M.  
(21) 2014903785 (22) 22.09.2014  
(54) A Tool Box

(71) Long Pipes Pty Ltd  
(21) 2014903843 (22) 26.09.2014  
(54) Construction of Pipes

(71) Long Pipes Pty Ltd  
(21) 2014903846 (22) 26.09.2014  
(54) Compression Apparatus

Macquarie University see Horticulture Australia Limited  
(21) 2014903832

McPherson, G. see Jones, C.  
(21) 2014903848

McPherson, T. see Jones, C.  
(21) 2014903848

Medical University of Vienna see St Vincent's Hospital (Sydney) Limited  
(21) 2014903794

Provisional Applications Filed - Name Index cont'd

**MONASH UNIVERSITY see DEAKIN UNIVERSITY**

(21) 2014903782

(71) Mount Isa Mines Limited

(21) 2014903801 (22) 23.09.2014

(54) New Method for Determining the Depth of Movement in Squeezing Ground using a Reverse Downhole Probe Device

(71) N2LOK Hardware Trading Pty Ltd

(21) 2014903803 (22) 23.09.2014

(54) Improved multiple function door lock mechanism

(71) Natural Response Systems Pty Ltd

(21) 2014903784 (22) 22.09.2014

(54) Method and Equipment for Bulk Storage of Produce

(71) Nepean Conveyors Pty Ltd

(21) 2014903853 (22) 26.09.2014

(54) Conveyor belt

(71) NOOSA NATURAL VET PTY. LTD.

(21) 2014903814 (22) 24.09.2014

(54) Immune System Modulating Device

(71) ORR, A.

(21) 2014901468 (22) 23.04.2014

(54) MULTI FEEDING ENABLE FIREARM BOLT

(71) Packham, J.

(21) 2014903800 (22) 23.09.2014

(54) Adjustable Compression Device

(71) PERRY, R.

(21) 2014903806 (22) 24.09.2014

(54) Combination Insulation Fixing To Retain Insulation And Set/Maintain An Air Gap Between Material Surfaces.

(71) Peters, D.

(21) 2014903802 (22) 23.09.2014

(54) Network Security

(71) Poldmaa, J.

(21) 2014903834 (22) 25.09.2014

(54) Safety device for a ladder

(71) PortaGrid Systems Pty Ltd

(21) 2014903790 (22) 22.09.2014

(54) PORTABLE POWER STATION

(71) Preda, D.

(21) 2014903837 (22) 25.09.2014

(54) Method and apparatus for air dehumidifying

(71) Puratap Pty Ltd

(21) 2014903796 (22) 23.09.2014

(54) BOTTLE LID ASSEMBLY WITH DRINKING SPOUT

(71) Raniolo, M.

(21) 2014903813 (22) 24.09.2014

(54) Off-road motorbike rider suit with built in air-bag system and tracking devices.

**Rensch, M. see Jones, C.**

(21) 2014903848

(71) Richards, H.

(21) 2014903804 (22) 23.09.2014

(54) Disposable Protein Shaker Cup

(71) RICHARDSON, R.

(21) 2014903787 (22) 22.09.2014

(54) Identification System utilising Motion Sensors

(71) RMD Industries Pty Ltd

(21) 2014903783 (22) 22.09.2014

(54) Pivot block

(71) segman, a.

(21) 2014903821 (22) 24.09.2014

(54) The Hollow Wall The Hollow Wall is a precast concrete vertical panel with voids that will form a sheer wall or partition wall that incorporates a steel peer/column connecting panel to panel.

(71) Solar Sailor Pty Ltd

(21) 2014903752 (22) 19.09.2014

(54) Opening Rigid Flat Panel Sail

(71) Ssorrch Pty Ltd

(21) 2014903818 (22) 24.09.2014

(54) A Sign Hanging Apparatus

(71) Story, M.

(21) 2014903759 (22) 19.09.2014

(54) IMPROVED ZINC FORMULATIONS

(71) Stramit Corporation Pty Limited

(21) 2014903852 (22) 26.09.2014

(54) Roller Door Track

(71) Strang LPP Nominees Pty Ltd

(21) 2014903786 (22) 22.09.2014

(54) Forklift vehicle-operable apparatus for carrying a load

(71) St Vincent's Hospital (Sydney) Limited; Medical University of Vienna

(21) 2014903794 (22) 23.09.2014

(54) Method and apparatus for determining aortic valve opening

(71) SWAIN, H.

(21) 2014903877 (22) 25.09.2014

(54) Recovery of Heat Energy from Waste Steam

(71) The Commonwealth of Australia

(21) 2014903797 (22) 23.09.2014

(54) EXOSKELETON SYSTEM FOR LOAD CARRYING

(71) The University of Melbourne

(21) 2014903815 (22) 24.09.2014

(54) Stabilized stannous compositions (3)

(71) The University of Melbourne

(21) 2014903840 (22) 26.09.2014

(54) IMMUNOLOGICAL REAGENT

(71) Thunder One Pty Ltd

(21) 2014903795 (22) 23.09.2014

(54) FRUIT PULPING MACHINE

(71) Transtech Research Pty Ltd

(21) 2014903743 (22) 19.09.2014

(54) A ROOF RAIL ASSEMBLY

(71) Underground Extraction Technologies Pty Ltd

(21) 2014903793 (22) 23.09.2014

(54) Continuous Mining Method

(71) University of South Australia

(21) 2014903812 (22) 24.09.2014

(54) NOVEL KINASE INHIBITORS I

(71) VORTEX NETWORKS PTY LTD

(21) 2014903808 (22) 24.09.2014

(54) A method to improve the meaningfulness of customer feedback

(71) Vuly Pty Ltd

(21) 2014903833 (22) 25.09.2014

(54) TRAMPOLINE COVER ASSEMBLY

(71) Waters, M.

(21) 2014903819 (22) 24.09.2014

(54) A Clasp

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(71) Western Australian Land Information  
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(21) 2014903823 (22) 24.09.2014

(54) SYSTEM AND METHOD FOR MULTI-  
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(71) Yamaha Motor Australia Pty. Ltd.

(21) 2014903824 (22) 25.09.2014

(54) A control system

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(71) Youth in Mind Research Institute

(21) 2014903799 (22) 23.09.2014

(54) Mental illness model and mental illness  
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2014901468	ORR, A.	2014903831	Carr, A.
2014903714	Davtec Group Pty Ltd	2014903832	Horticulture Australia Limited; Macquarie University; Eastern Mennonite University
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2014903830	BIGSMS Pty Ltd		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Sep 2014 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<p>(71) AbbVie Inc. (21) 2014227520 (22) 19.09.2014 (54) New vitamin D receptor activators and methods of making (62) 2008326359</p>	<p>(54) Information bearing medium and information processing system</p>	<p>(54) A Garden Assembly (31) 2013903627 (32) 20.09.13 (33) AU</p>
<p>(71) ADC Telecommunications, Inc. (21) 2014227545 (22) 19.09.2014 (54) Cabled group (62) 2010202260</p>	<p>(71) Capillary Technologies International Pte Ltd (21) 2014233587 (22) 25.09.2014 (54) IN-STORE CUSTOMER ENGAGEMENT SYSTEMS AND METHODS (31) 4463/CHE/2013 (32) 01.10.13 (33) IN</p>	<p>(71) COSMO DERMATOS SRL (21) 2014233572 (22) 24.09.2014 (54) ENZYMATIC PROCESS FOR OBTAINING 17 ALPHA-MONOESTERS OF CORTEXOLONE AND/OR ITS 9,11-DEHYDRODERIVATIVES (62) 2008285784</p>
<p>(71) AHN, Y. (21) 2014233556 (22) 23.09.2014 (54) High Tension Coil Spring for Bed Mattress having means for Preventing Frictional Noise (31) 10-2013-0116000 (32) 30.09.13 (33) KR 10-2013-0113991 25.09.13 KR</p>	<p>(71) Cardioprecision Limited (21) 2014233580 (22) 24.09.2014 (54) Retractor (62) 2009204732</p>	<p>(71) COSMO DERMATOS SRL (21) 2014233577 (22) 24.09.2014 (54) ENZYMATIC PROCESS FOR OBTAINING 17 ALPHA-MONOESTERS OF CORTEXOLONE AND/OR ITS 9,11-DEHYDRODERIVATIVES (62) 2008285784</p>
<p>(71) Alkermes Pharma Ireland Limited (21) 2014233560 (22) 23.09.2014 (54) Drug delivery composition (62) 2010234339</p>	<p>(71) CASIO COMPUTER CO., LTD. (21) 2014227521 (22) 19.09.2014 (54) FORMULA DISPLAY CONTROL DEVICE, FORMULA DISPLAY METHOD, AND RECORDING MEDIUM STORING PROGRAM (31) 2013-194650 (32) 19.09.13 (33) JP</p>	<p>(71) Covidien LP (21) 2014233546 (22) 23.09.2014 (54) Loading unit including shipping member (31) 61/919,861 (32) 23.12.13 (33) US 14/308,731 19.06.14 US</p>
<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2014233599 (22) 25.09.2014 (54) Compositions and methods for inhibiting expression of the HAMP gene (62) 2011250816</p>	<p>(71) CFPH, LLC (21) 2014233553 (22) 23.09.2014 (54) Game Broker (62) 2011202754</p>	<p>(71) CRETE IT CONCRETING SERVICES PTY LTD (21) 2014233554 (22) 23.09.2014 (54) METHOD AND APPARATUS FOR FORMING CONCRETE SLABS (31) 2013903695 (32) 25.09.13 (33) AU</p>
<p>(71) AMERICAN GREETINGS CORPORATION (21) 2014233588 (22) 25.09.2014 (54) PULL ACTIVATED GREETING CARDS AND GIFT BAGS WITH MOTION AND AUDIO (31) 61/884,108 (32) 29.09.13 (33) US</p>	<p>(71) Clamp Industries Pty Ltd (21) 2014233584 (22) 24.09.2014 (54) Improvements in or in relation to vehicle suspensions (31) 2013903701 (32) 25.09.13 (33) AU</p>	<p>(71) CyDex Pharmaceuticals, Inc (21) 2014227557 (22) 22.09.2014 (54) Inhalant formulation containing sulfoalkyl ether cyclodextrin and corticosteroid (62) 2011235943</p>
<p>(71) Andritz AG (21) 2014233609 (22) 26.09.2014 (54) Filter for continuous filtration of a suspension under pressure (31) A 784/2013 (32) 11.10.13 (33) AT</p>	<p>(71) Clamp Industries Pty Ltd (21) 2014233585 (22) 24.09.2014 (54) Air bag suspension and associated spacer (31) 2013903702 (32) 25.09.13 (33) AU</p>	<p>(71) Dogwood Pharmaceuticals, Inc. (21) 2014233555 (22) 23.09.2014 (54) Derivatives of fluorene, anthracene, xanthene, dibenzosuberone and acridine and uses thereof (62) 2008251800</p>
<p>(71) Apple Inc. (21) 2014233611 (22) 26.09.2014 (54) Electronic text manipulation and display (62) 2011203833</p>	<p>Clarey, M. see Clarey, S. (21) 2014232484</p>	<p>(71) Eaglepicher Technologies, LLC (21) 2014233600 (22) 25.09.2014 (54) Lithium-sulfur battery and methods of preventing insoluble solid lithium-poly-sulfide deposition (31) 14/038,337 (32) 26.09.13 (33) US</p>
<p>(71) Bandai Co., Ltd (21) 2014233569 (22) 24.09.2014</p>	<p>(71) Consulting 118 Pty Ltd (21) 2014227496 (22) 18.09.2014</p>	



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(71) Eaglepicher Technologies, LLC  
 (21) 2014233602 (22) 25.09.2014  
 (54) Lithium-sulfur battery and methods of reducing insoluble solid lithium-polysulfide deposition  
 (31) 14/037,993 (32) 26.09.13 (33) US

(71) Evogene Ltd.  
 (21) 2014233612 (22) 26.09.2014  
 (54) Polynucleotides and Polypeptides Involved in Plant Fiber Development and Methods of Using Same  
 (62) 2012216482

(71) Gambro Lundia AB  
 (21) 2014233568 (22) 24.09.2014  
 (54) METHOD AND DEVICE FOR PROCESSING A TIME-DEPENDENT MEASUREMENT SIGNAL  
 (62) 2009262505

(71) Genzyme Corporation  
 (21) 2014233601 (22) 25.09.2014  
 (54) Antisense Modulation of Apolipoprotein B Expression  
 (62) 2011254024

(71) Gilead Pharmasset LLC  
 (21) 2014233579 (22) 24.09.2014  
 (54) Nucleoside phosphoramidate prodrugs  
 (62) 2012241173

(71) GTECH Canada ULC  
 (21) 2014227540 (22) 19.09.2014  
 (54) 3D enhanced gaming machine with selectable 3D intensity level  
 (31) 14/487,870 (32) 16.09.14 (33) US

(71) GUSTAV PAULIG LTD  
 (21) 2014233589 (22) 25.09.2014  
 (54) A RECEPTACLE WITH A DISPLAY  
 (31) 14/309,270 (32) 19.06.14 (33) US

(71) Halliburton Energy Services, Inc.  
 (21) 2014233563 (22) 24.09.2014  
 (54) Method and apparatus for making resistivity measurements in a wellbore  
 (62) 2010343293

(71) Hansa Medical Products, Inc.  
 (21) 2014233613 (22) 26.09.2014  
 (54) Self-adjusting medical device  
 (62) 2010245115

(71) Harnischfeger Technologies, Inc.  
 (21) 2014233575 (22) 24.09.2014  
 (54) A SYSTEM AND METHOD FOR VIBRATION MONITORING OF A MINING MACHINE  
 (62) 2013200326

(71) Honeywell International, Inc.  
 (21) 2014227551 (22) 22.09.2014  
 (54) System and method to monitor events and personnel locations  
 (31) 14/052,013 (32) 11.10.13 (33) US

(71) IGT  
 (21) 2014233581 (22) 24.09.2014  
 (54) GAMING SYSTEM AND METHOD FOR ADJUSTING THE AVERAGE EXPECTED PAYBACK ASSOCIATED WITH A PLAY OF A WAGERING GAME  
 (62) 2009222466

(71) INDUSTRIAS LORENZO, S.A.  
 (21) 2014233557 (22) 23.09.2014  
 (54) ARRANGEMENT OF PUSHBUTTON SWITCHES WITH A PROGRAMMABLE DISPLAY  
 (31) U 201331096 (32) 23.09.13 (33) ES

(71) Infineum International Limited  
 (21) 2014233561 (22) 23.09.2014  
 (54) Marine engine lubrication  
 (31) 13185713.8 (32) 24.09.13 (33) EP

(71) IVECO S.P.A.  
 (21) 2014233559 (22) 23.09.2014  
 (54) STEERING SYSTEM ASSEMBLY FOR COMMERCIAL VEHICLES AND COMMERCIAL VEHICLE COMPRISING THE STEERING SYSTEM ASSEMBLY  
 (31) MI2013A001570 (32) 24.09.13 (33) IT

(71) Jelmar, LLC  
 (21) 2014233608 (22) 26.09.2014  
 (54) Hard surface cleaning composition  
 (31) 14/039,731 (32) 27.09.13 (33) US

(71) Jelmar, LLC  
 (21) 2014233610 (22) 26.09.2014  
 (54) Hard surface cleaning composition for personal contact areas  
 (31) 14/039,826 (32) 27.09.13 (33) US

(71) Joy MM Delaware, Inc.  
 (21) 2014227560 (22) 22.09.2014  
 (54) Fiber Optic Cable Protection in a Mining System  
 (62) 2011235962

(71) Kapsch TrafficCom AB  
 (21) 2014233604 (22) 26.09.2014  
 (54) Method for calibration of a road surveillance system  
 (31) 13187364.8 (32) 04.10.13 (33) EP

(71) KCI Licensing, Inc.  
 (21) 2014233596 (22) 25.09.2014

(54) Reduced-pressure, wound-treatment dressings and systems  
 (62) 2009311352

(71) khairajani, A.  
 (21) 2014233576 (22) 24.09.2014  
 (54) The proposed solution will allow the user to shop and make payment without access to payer's credit card details. It is a two factor authentication method to shop online and use of mobile phone/app to approve payment for a purchase.

(71) Kik Interactive Inc  
 (21) 2014233547 (22) 23.09.2014  
 (54) SYSTEMS AND METHODS FOR ACCESSING AND CONTROLLING MEDIA STORED REMOTELY  
 (62) 2013270565

(71) Kyowa Hakko Kirin Co., Ltd.  
 (21) 2014227539 (22) 19.09.2014  
 (54) Anti-IL-3Ra antibody for use in treatment of blood tumor  
 (62) 2010242598

(71) Landmark Graphics Corporation, a Halliburton Company  
 (21) 2014233592 (22) 25.09.2014  
 (54) Systems and methods for correlating meta-data model representations and asset-logic model representations  
 (62) 2009231624

(71) Landmark Graphics Corporation, a Halliburton Company  
 (21) 2014233598 (22) 25.09.2014  
 (54) Systems and methods for improved positioning of pads  
 (62) 2009214723

(71) Loma Linda University Medical Center  
 (21) 2014233595 (22) 25.09.2014  
 (54) Patient Positioning System for Radiation Therapy System  
 (62) 2012211336

(71) Milenco Limited  
 (21) 2014233603 (22) 25.09.2014  
 (54) A CLAMP  
 (31) 1317833.0 (32) 09.10.13 (33) GB

Mulcahy, V. see Mulcahy, P.  
 (21) 2014233567

(71) Mulcahy, P.; Mulcahy, V.  
 (21) 2014233567 (22) 24.09.2014  
 (54) Improvements to treatment apparatus for cattle

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- (71) Neonode Inc.  
(21) 2014233573 (22) 24.09.2014  
(54) Lens arrangement for light-based touch screen  
(62) 2011229745
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- (71) Nien Made Enterprise Co., Ltd.  
(21) 2014233564 (22) 24.09.2014  
(54) Cord release of window covering  
(62) 2012202629
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- (71) ONESTEEL REINFORCING PTY LTD  
(21) 2014227536 (22) 19.09.2014  
(54) BAR CHAIRS  
(62) 2007335186
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- (71) Optinose AS  
(21) 2014233542 (22) 22.09.2014  
(54) NASAL DELIVERY DEVICES  
(62) 2008306635
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- (71) Orora Limited  
(21) 2014233552 (22) 23.09.2014  
(54) Machine for erecting a carton from a blank  
(31) 2013903649 (32) 23.09.13 (33) AU
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- (71) Oticon Medical A/S  
(21) 2014233574 (22) 24.09.2014  
(54) A Device Implantable Under Skin  
(31) 13186153.6 (32) 26.09.13 (33) EP
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- (71) Oticon Medical A/S  
(21) 2014233578 (22) 24.09.2014  
(54) Implantable Device with Removable Magnet  
(31) 13186200.5 (32) 26.09.13 (33) EP
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- (71) Palantir Technologies, Inc.  
(21) 2014233570 (22) 24.09.2014  
(54) Presentation and analysis of user interaction data  
(31) 14/035,889 (32) 24.09.13 (33) US
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- (71) Pantano Investments Pty Ltd  
(21) 2014240183 (22) 24.09.2014  
(54) Rebated Sills and Hobs to Minimise Water Ingress in Poured-in-Situ Concrete Slabs
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- (71) PGS Geophysical AS  
(21) 2014227537 (22) 19.09.2014  
(54) Piston-type marine vibrators comprising a compliance chamber  
(31) 61/904,866 (32) 15.11.13 (33) US  
61/880,561 20.09.13 US  
14/462,052 18.08.14 US  
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- (71) PGS Geophysical AS  
(21) 2014227546 (22) 19.09.2014
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- (71) PGS Geophysical AS  
(21) 2014227547 (22) 19.09.2014  
(54) Air-spring compensation in a piston-type marine vibrator  
(31) 14/284,847 (32) 22.05.14 (33) US  
14/462,252 18.08.14 US  
61/880,561 20.09.13 US
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- (71) Powers, B.  
(21) 2014227526 (22) 19.09.2014  
(54) A TOOL  
(31) 2013903612 (32) 19.09.13 (33) AU
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- (71) PRECISIONTECH (WA) Pty Ltd  
(21) 2014233571 (22) 24.09.2014  
(54) Agricultural Seeding Method and Implementation  
(62) 2012216528
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- (71) Rockwater Energy Solutions  
(21) 2014227550 (22) 22.09.2014  
(54) HYDRAULIC FRACTURING METHOD AND FLUID INCLUDING IN-SITU BORON-LADEN PRODUCED WATERS  
(31) 14/039,510 (32) 27.09.13 (33) US
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- (71) SAMSUNG ELECTRONICS CO., LTD.  
(21) 2014227530 (22) 19.09.2014  
(54) Resource indexing for acknowledgement signals in response to receptions of multiple assignments  
(62) 2011204119
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- (71) SANDVIK MINING AND CONSTRUCTION OY  
(21) 2014233590 (22) 25.09.2014  
(54) Mining vehicle and method for its energy supply  
(31) 13186996.8 (32) 02.10.13 (33) EP
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- (71) Santarus, Inc.  
(21) 2014233597 (22) 25.09.2014  
(54) Pharmaceutical formulation and method for treating acid-caused gastrointestinal disorders  
(62) 2011200642
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- (71) Sergeant's Pet Care Products, Inc.  
(21) 2014233558 (22) 23.09.2014  
(54) SPOT-ON PESTICIDE COMPOSITION  
(62) 2010298313
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- (71) Shell Internationale Research Maatschappij B.V.  
(21) 2014233548 (22) 23.09.2014
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- (54) Method of removing wellbore fluid from well and water removal well  
(31) 61/882,121 (32) 25.09.13 (33) US
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- (71) Singh, K.  
(21) 2014233586 (22) 25.09.2014  
(54) APPARATUS FOR TRANSFERRING LOAD  
(62) 2010287067
- 
- (71) SMS Omni-feed Pty Ltd  
(21) 2014233582 (22) 24.09.2014  
(54) Visionmod, the all-new flat-pack modular vision Storage Cage/Stillage is a game-changer for the storage and handling industry in that the system is totally modular, i.e. 4 fixed sides or 1 or 2 removable gates. This multi-functionality is achieved by choosing the relevant components of the modular system, then bolting them together. The 2 side panels are always the same, and depending on whether the end-user chooses 4 fixed sides or 1 or 2 removable gates will determine which front and back panels they use. There are also height options.  
(31) 2013903676 (32) 24.09.13 (33) AU
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- (71) Stoehr, K.I.; Yinfoo, S.M.  
(21) 2014233543 (22) 22.09.2014  
(54) HAY BALE FEEDER  
(31) 2013903682 (32) 24.09.13 (33) AU
- 
- (71) Stryker Corporation  
(21) 2014227548 (22) 19.09.2014  
(54) Bone mill for use with a base unit  
(62) 2008324893
- 
- (71) Sunbeam Corporation Limited  
(21) 2014233565 (22) 24.09.2014  
(54) Baby mode for a heating vessel  
(31) 2013903675 (32) 24.09.13 (33) AU
- 
- (71) Sunbeam Corporation Limited  
(21) 2014233605 (22) 26.09.2014  
(54) Kitchen appliance  
(31) 2013903722 (32) 26.09.13 (33) AU
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
(21) 2014233591 (22) 25.09.2014  
(54) Cell line, system and method for optical control of secondary messengers  
(62) 2009256457
- 
- (71) The Regents of the University of California  
(21) 2014233607 (22) 26.09.2014  
(54) Methods of Treating Non-Alcoholic Steatohepatitis (NASH) Using Cysteamine Products  
(62) 2008329628

Complete Applications Filed - Name Index cont'd

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(71) TNA Australia Pty Limited  
 (21) 2014227558 (22) 22.09.2014  
 (54) Sealing jaws for a packaging machine  
 (31) 2013904470 (32) 19.11.13 (33) AU

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(54) INTEGRATED COMMUNICATION  
 AND APPLICATION SYSTEM FOR  
 AIRCRAFT  
 (31) 14/067,629 (32) 30.10.13 (33) US  
 2,831,509 30.10.13 CA

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(71) TNA Australia Pty Limited  
 (21) 2014227559 (22) 22.09.2014  
 (54) A film drive assembly for a packaging  
 machine  
 (31) 2013904995 (32) 20.12.13 (33) AU  
 2013904471 19.11.13 AU

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Yinfoo, S.M. see Stoehr, K.I.  
 (21) 2014233543

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(71) Turntable Safety Devices Australia Pty  
 Ltd  
 (21) 2014230244 (22) 22.09.2014  
 (54) A SAFETY ENHANCED TURNTABLE  
 OR FIFTH WHEEL FOR COUPLING A  
 SEMI-TRAILER TO A PRIME MOVER  
 (31) 14/485,212 (32) 12.09.14 (33) US  
 (62) 2014202922

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(71) Tyco Fire & Security GmbH  
 (21) 2014227552 (22) 22.09.2014  
 (54) Anti-theft ink tag  
 (62) 2008219027

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(71) TYR Tactical, LLC  
 (21) 2014233549 (22) 23.09.2014  
 (54) BALLISTIC VEST SYSTEM WITH BAL-  
 LISTIC RIDGE COMPONENT  
 (31) 61/883,140 (32) 26.09.13 (33) US

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(71) TYR Tactical, LLC  
 (21) 2014233550 (22) 23.09.2014  
 (54) BALLISTIC VEST SYSTEM WITH BAL-  
 LISTIC VEIN COMPONENT  
 (31) 61/883,121 (32) 26.09.13 (33) US

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(71) United Video Properties, Inc.  
 (21) 2014233594 (22) 25.09.2014  
 (54) Systems and Methods for Providing In-  
 teractive Media Guidance on a Wireless  
 Communications Device  
 (62) 2013202714

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(71) University of Sydney  
 (21) 2014233566 (22) 24.09.2014  
 (54) Device to Aerosolise and Administer Li-  
 quid Adrenalin to Human Lung  
 (31) 2013903674 (32) 24.09.13 (33) AU

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(71) VeriSign, Inc.  
 (21) 2014233593 (22) 25.09.2014  
 (54) NXD query monitor  
 (31) 14/042,143 (32) 30.09.13 (33) US

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(71) WestJet Airlines Ltd.  
 (21) 2014233545 (22) 23.09.2014

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2014233590	SANDVIK MINING AND CONSTRUCTION OY		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Sep 2014 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Australia GRT DARSO Industry Development Pty Ltd (21) 2014101187 (22) 26.09.2014 (54) A DRILL BIT</p> <hr/>	<p>(fig 2) with lugs that when assembled through prepared holes in the main body of the Stubby Holder provides a base that will not dislodge from the Stubby holder (fig 3)</p> <hr/>	<p>(71) Solar Bright Limited (21) 2014101189 (22) 29.09.2014 (54) Solid State Light (31) 624126 (32) 24.04.14 (33) NZ</p> <hr/>
<hr/> <p>(71) BMSA Holdings Pty Ltd (21) 2014101174 (22) 23.09.2014 (54) Safety Barrier</p> <hr/>	<p>(71) MEGA LAND PTY LTD (21) 2014101185 (22) 25.09.2014 (54) SCREEN ASSEMBLY (31) 2013903894 (32) 09.10.13 (33) AU</p> <hr/>	<hr/> <p>(71) Ssorrinch Pty Ltd (21) 2014101181 (22) 24.09.2014 (54) A Sign Hanging Apparatus</p> <hr/>
<hr/> <p>(71) Chengdu Zhongyuan Qianye Technology Co., Ltd (21) 2014101177 (22) 23.09.2014 (54) HIGH-POWER PHOTOMULTIPLIER APPARATUS</p> <hr/>	<p><b>Namour, D. see Namour, J.</b> (21) 2014101171</p> <hr/>	<hr/> <p>(71) Tognolini, A. (21) 2014101190 (22) 30.09.2014 (54) Animal Transportation Enclosure</p> <hr/>
<hr/> <p>(71) Cosmos Solar Pty Ltd (21) 2014101175 (22) 23.09.2014 (54) Equal Access BBQ</p> <hr/>	<p>(71) Namour, J.; Namour, D. (21) 2014101171 (22) 22.09.2014 (54) Improved Magnetic Jewellery Clasp</p> <hr/>	
<hr/> <p>(71) D'Agata, J. (21) 2014101172 (22) 23.09.2014 (54) Soluble Inner</p> <hr/>	<p>(71) Nazemianpour, V. (21) 2014101183 (22) 25.09.2014 (54) Reaction recorder of messaging app. (End users reaction is recorded when they open message, video, etc that is sent to them by someone.)</p> <hr/>	
<hr/> <p>(71) Everstone International Pty Limited (21) 2014101145 (22) 15.09.2014 (54) A decorative composite tile comprising of a combination of engineered stone and glass tiles elements. The correct combination of these determines both size and pattern of each tile element. Pluralities of such tile elements are bonded to a backing material as to provide a full composite tile assembly.</p> <hr/>	<p>(71) Ningbo Excellence Communicated Connector Co. Ltd (21) 2014101186 (22) 25.09.2014 (54) Easy-Pull Male Network Connector and Tool Combination</p> <hr/>	
<hr/> <p>(71) FELTON INDUSTRIES LIMITED (21) 2014101173 (22) 23.09.2014 (54) A NOZZLE (31) 615816 (32) 23.09.13 (33) NZ</p> <hr/>	<p>(71) OZDOCS INTERNATIONAL PTY LTD (21) 2014101176 (22) 23.09.2014 (54) Adaptive Mosaic Technology</p> <hr/>	
<hr/> <p>(71) General Electric Company (21) 2014101188 (22) 26.09.2014 (54) METHOD AND SYSTEM FOR IDENTIFYING A DIRECTIONAL HEADING OF A VEHICLE (62) PCT/US2013/032353</p> <hr/>	<p>(71) Paper Australia Pty Ltd (21) 2014101184 (22) 25.09.2014 (54) Apparatus and method for forming envelope blanks (62) 2013302308</p> <hr/>	
<hr/> <p>(71) HICKSON, B. (21) 2014101180 (22) 24.09.2014 (54) STUBBY HOLDER A improved Stubby holder that supplied flat (fig.1) and has pre-cut locking design that when lace together (fig.3) provides a strong joint and the base also provides separately</p> <hr/>	<p>(71) Parsons, A. (21) 2014101178 (22) 23.09.2014 (54) Rake Barrow Mate - Open-ended wheelbarrow liner (31) 2013903685 (32) 24.09.13 (33) AU 2014900554 20.02.14 AU</p> <hr/>	
	<p>(71) Port Container Services Pty Ltd (21) 2014101179 (22) 24.09.2014 (54) Twist Lock</p> <hr/>	

**Numerical Index**

<b>2014101145</b>	Everstone International Pty Limited	<b>2014101180</b>	HICKSON, B.
<b>2014101171</b>	Namour, J.; Namour, D.	<b>2014101181</b>	Ssorrinch Pty Ltd
<b>2014101172</b>	D'Agata, J.	<b>2014101183</b>	Nazemianpour, V.
<b>2014101173</b>	FELTON INDUSTRIES LIMITED	<b>2014101184</b>	Paper Australia Pty Ltd
<b>2014101174</b>	BMSA Holdings Pty Ltd	<b>2014101185</b>	MEGA LAND PTY LTD
<b>2014101175</b>	Cosmos Solar Pty Ltd	<b>2014101186</b>	Ningbo Excellence Communicated Connector Co. Ltd
<b>2014101176</b>	OZDOCS INTERNATIONAL PTY LTD	<b>2014101187</b>	Australia GRT DARSO Industry Development Pty Ltd
<b>2014101177</b>	Chengdu Zhongyuan Qianye Technology Co., Ltd	<b>2014101188</b>	General Electric Company
<b>2014101178</b>	Parsons, A.	<b>2014101189</b>	Solar Bright Limited
<b>2014101179</b>	Port Container Services Pty Ltd	<b>2014101190</b>	Tognolini, A.

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

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 2014203398 ( 1B ) 2014203509 ( 1B ) 2014203617 ( 1B )  
 2014203779 ( 1B ) 2014203785 ( 1B ) 2014204503 ( 7CN )

**Assignments before Grant, Section 113**

**2008**

2008286354 Sannino, Alessandro; Ambrosio, Luigi; Nicolais, Luigi  
 The application has been assigned to **Gelesis LLC**

**2009**

2009202085 Connect Air Manufacturing Pty Ltd The application has  
 been assigned to **Air Diffusion Agencies Pty Ltd**

2009237494 ELSTER METERING LTD The application has been  
 assigned to **Elster Water Metering Limited**

2009290654 ELSTER METERING LIMITED The application has  
 been assigned to **Elster Water Metering Limited**

2009293213 AgraQuest, Inc. The application has been assigned to  
**Bayer CropScience LP**

2009297626 RIBOMIC INC.; Shionogi & Co., Ltd. The application  
 has been assigned to **RIBOMIC INC.**

2009319742 Posner, Jonathan; Reed, Mark; Heiner, David; Lebl,  
 Michal; Hage, Matthew; Illumina, Inc.; The Arizona Board of Regents for  
 and on behalf of Arizona State University; Crane, Bryan; Kain, Robert;  
 Salloum, Kamil; Buermann, Dale The application has been assigned  
 to **Illumina, Inc.; The Arizona Board of Regents for and on behalf of  
 Arizona State University**

2009329750 Biocartis SA The application has been assigned to  
**Mycartis NV**

**2010**

2010201469 Connect Air Manufacturing Pty Ltd The application has  
 been assigned to **Air Diffusion Agencies Pty Ltd**

2010220284 SIEMENS AKTIENGESELLSCHAFT; BASF SE The  
 application has been assigned to **BASF SE**

2010230798 Thorpe, Brad The application has been assigned to  
**Isologex Corporation**

2010240646 Elster Metering Limited The application has been as-  
 signed to **Elster Water Metering Limited**

2010242780 Cytori Therapeutics, Inc. The application has been as-  
 signed to **Bimini Technologies LLC**

2010327312 Air Diffusion Agencies Pty Ltd; Connect Air Manufac-  
 turing Pty Ltd The application has been assigned to **Air Diffusion  
 Agencies Pty Ltd**

**2011**

2011218734 Connect Air Manufacturing Pty Ltd The application has  
 been assigned to **Air Diffusion Agencies Pty Ltd**



**Assignments before Grant, Section 113**

2011230388 SHIONOGI & CO., LTD.; RIBOMIC INC. The application has been assigned to **RIBOMIC INC.**

2011271681 Synvasive Technology, Inc. The application has been assigned to **Sevika Holding AG**

2011271792 Vosta LMG B.V. The application has been assigned to **Leo Dynamische Investering B.V.**

2011298353 BASF SE; Siemens Aktiengesellschaft The application has been assigned to **BASF SE**

2011356598 Shaver, William The application has been assigned to **Braintree Laboratories, Inc.**

**2012**

2012207227 Lederman, Jo; Arrieta, Agustin The application has been assigned to **JAG Hearing, LLC**

2012210336 Biomet UK Healthcare Limited The application has been assigned to **Biomet UK Healthcare Limited; Murray, David; Dodd, Christopher; Oxford Joint Analysis Ltd; Hunsley, Colin**

2012225135 Intelligent Imaging Systems, Inc.; Heath, Brian The application has been assigned to **Intelligent Imaging Systems, Inc.**

2012253444 Small Bone Innovations, Inc. The application has been assigned to **HOWMEDICA OSTEONICS CORP.**

2012312619 Ronning, Donald The application has been assigned to **Lite Enterprises, Inc.**

2012317323 Ribomic Inc. The application has been assigned to **Fujimoto Pharmaceutical Corporation**

2012358168 Robert Bosch GmbH; Jacobs, Kyle; Abante, Edward; Hajny, Roger The application has been assigned to **Robert Bosch GmbH**

2012362617 Abante, Edward; Baker, Timothy; Alam, Saad; Barhitte, Joshua; Robert Bosch GmbH; Nagy, Balazs; Markwald, Jonathan; Denley, Peter; Landt, Michael The application has been assigned to **Robert Bosch GmbH**

**2013**

2013203988 The Arizona Board of Regents for and on behalf of Arizona State University; Illumina, Inc.; Buermann, Dale; Posner, Jonathan; Heiner, David; Lebl, Michal; Crane, Bryan; Salloum, Kamil; Kain, Robert; Hage, Matthew; Reed, Mark The application has been assigned to **Illumina, Inc.; The Arizona Board of Regents for and on behalf of Arizona State University**

2013204055 Ambrosio, Luigi; Nicolais, Luigi; Sannino, Alessandro The application has been assigned to **Gelesis LLC**

2013206854 Maras, Verica; Rubens, Jeremy; Robert Bosch GmbH; Knoles, Brian; Jerome, Gavin The application has been assigned to **Robert Bosch GmbH**

**Assignments before Grant, Section 113**

2013208245 Marathon GTF Technology, Ltd. The application has been assigned to **GTC Technology US, LLC**

2013218349 Domazakis, Emmanouil; Domazakis, Konstantinos The application has been assigned to **Creta Farm S.A.**

2013221839 Oatley, Jon; Oatley, Joan; Washington State University Research Foundation The application has been assigned to **Washington State University**

2013904949 Halpin, Melanie The application has been assigned to **Halgo Pty Limited**

**Extensions of Time, Section 223**

**Applications Received**

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

**2011**

2011218611 **Biomet C. V.** An application to extend the time from 16 Apr 2014 to 16 Aug 2014 in which to pay the acceptance fee has been filed . Address for service in Australia - Fisher Adams Kelly Pty Ltd GPO Box 1413 BRISBANE QLD 4001

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

**2008**

2008355698 **He, Z.** the time in which to pay the acceptance fee has been extended to 26 Dec 2013 . Address for service in Australia - Zheng He PO BOX 999 Woden ACT 9999

**2009**

2009238195 **Wongalea Holdings Pty Ltd** The time in which to pay the acceptance fee has been extended to 14 Jul 2014 . Address for service in Australia - Pappas IP PO Box R1731 Royal Exchange NSW 1225

**2012**

2012304249 **Lancaster Assets Pty Ltd; Chia, Ruby** The time in which to enter the National Phase has been extended to 26 May 2014 . Address for service in Australia - LANCASTER ASSETS PTY. LTD. Suite 4, Level 1 427 Blackburn Road Mount Waverley VIC 3149

**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.

**2002**

2002244023 Methods of modifying eukaryotic cells **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the

**Amendments**

name of the inventor to read ancopoulos, George D., Murphy, Andrew J., Valenzuela, David, Karow, Margaret, MacDonald, Lynn, Stevens, Sean and Economides, Aris . Address for service in Australia - Phillips Ormonde Fitzpatrick 367 Collins Street Melbourne VIC 3000

**2006**

2006246494 An Improved Real Estate Signboard System **Cody Live Pty Limited** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2014 . Address for service in Australia - Cot- ters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001

**2009**

2009230873 A lifter bar assembly for a crushing mill and method of installation **Weir Minerals Australia Ltd** The nature of the amend- ment is as shown in the statement(s) filed 20 Aug 2014 . Address for service in Australia - Adams Pluck SE 4 L 3 20 George St Hornsby NSW 2077

2009247712 Compositions and methods for inhibiting gastric acid se- cretion **Vecta, Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Sep 2014 . Address for service in Australia - Cul- lens Patent and Trade Mark Attorneys Level 32 239 George Street Bris- bane QLD 4000

**2010**

2010227089 Poker game system and method with cards selec- tion **Novomatic AG** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2014 . Address for service in Australia - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000

2010271300 Vascular and bodily duct treatment devices and meth- ods **Concentric Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Sep 2014 . Address for service in Australia - Shelston IP L 21 60 Margaret St Sydney NSW 2000

2010304873 Detergent composition **Reckitt Benckiser N.V.** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2014 . Address for service in Australia - Shelston IP L 21 60 Margaret St Sydney NSW 2000

2010317423 A bifidobacterium strain **Alimentary Health Limited ; The Procter & Gamble Company** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2014 . Address for service in Australia - Phillips Ormonde Fitzpatrick 367 Collins Street Melbourne VIC 3000

2010354771 Lift mechanism for comb lift refuse bin **Kann Manu- facturing Corporation** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2014 . Address for service in Australia - Pizzeys PO Box 291 WODEN ACT 2606

**2011**

2011229315 Stitched multiaxial scrim **Toho Tenax Europe GmbH** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2014 . Address for service in Australia - Spruson & Fer- guson L 35 St Martins Tower 31 Market St Sydney NSW 2000

2011282602 Silicone hydrogel lenses with water-rich surfaces **Novartis AG** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 05 Sep 2014 . Address for service in Australia - Dav- ies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

2011289600 Endoscopic system for resection of tissue **Cook Med- ical Technologies LLC** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2014 . Address for service in Australia - Phillips Ormonde Fitzpatrick 367 Collins Street Melbourne VIC 3000

**2013**

2013204930 Therapeutics using multiple injections of cells **Cell Ideas Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Aug 2014 . Address for service in Australia - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000

**Amendments Made****2001**

2001282725 **Prambhl Limited** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2014

**2007**

2007336781 **Sloan-Kettering Institute for Cancer Research** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2014

**2008**

2008202479 **GlaxoSmithKline Biologicals s.a.** The nature of the amendment is as shown in the statement(s) filed 30 May 2014

2008262140 **Applied Tissue Technologies LLC** The nature of the amendment is: Amend the invention title to read Wound treatment device employing negative pressure

2008295394 **Laurentian University** The nature of the amendment is: Amend the name of the inventor to read Parissenti, Amadeo Mark and Guo, Baoqing

2008298870 **The Regents of the University of Michigan** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2014

2008352966 **Boston Medical Center Corporation; Trustees of Bos- ton University** The nature of the amendment is: Amend the inven- tion title to read Pre- or post-exposure treatment for filovirus or arenavi- rus infection

**2009**

2009202614 **TiVo Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2014

2009263735 **Laila Nutraceuticals** The nature of the amendment is: Amend the priority details to read 61/058,271 03 Jun 2008 US

2009270513 **Dywidag-Systems International GmbH** The nature of the amendment is as shown in the statement(s) filed 01 May 2014

**Amendments**

2009275322 **Technip France** The nature of the amendment is: Amend the invention title to read Method of spooling a marine pipeline comprising a plurality of bi-metallic pipe sections

2009327455 **Alcon, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2014

2009340589 **Kim, K.K.** The nature of the amendment is: Application is to proceed under the number 2009101393

2009352636 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2014

**2010**

2010207287 **Sharp Kabushiki Kaisha** The nature of the amendment is: Amend the name of the inventor to read Suzuki Shoichi and Akimoto Yosuke

2010212769 **Atlas Antibodies AB** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2014

2010264504 **GORE ENTERPRISE HOLDINGS, INC.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2014

2010322205 **Janssen Biotech, Inc.** The nature of the amendment is: Amend the invention title to read Improved bacterial membrane protein secretion

**2011**

2011205730 **Nuvo Research Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2014

2011273336 **Rio Tinto Alcan International Limited; E.C.L.** The nature of the amendment is as shown in the statement(s) filed 26 Feb 2014

**2012**

2012200593 **Cree, Inc.** The nature of the amendment is: Amend the name of the inventor to read Negley, Gerald H. and van de Ven, Anthony Paul

2012215743 **NTT DOCOMO, Inc.** The nature of the amendment is: Amend the invention title to read Mobile communication method and mobility management node

2012222770 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for forming transmission error information and network device

2012244117 **Covidien LP** The nature of the amendment is: Amend the name of the inventor to read Sharonov, Alexey and Pinto, Candido Dionisio

2012251447 **BASF SE** The nature of the amendment is: Amend the name of the inventor to read Bruder, Ingmar; Sens, Ruediger; Grob, Markus and Schulze Tilling, Ursula

2012253874 **BP Corporation North America Inc.** The nature of the amendment is: Application is to proceed under the number 2012101917

**Amendments**

2012253875 **BP Corporation North America Inc.** The nature of the amendment is: Application is to proceed under the number 2012101918

2012258291 **MedImmune, LLC; The Government of the United States of America** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2014

2012271242 **BP Corporation North America Inc.; Los Alamos National Security, LLC** The nature of the amendment is: Application is to proceed under the number 2012101916

2012276270 **Freestyle Technology Pty Ltd** The nature of the amendment is: Amend the invention title to read An integration system

2012300227 **Aviana Molecular Technologies, LLC** The nature of the amendment is: Amend the name of the inventor to read Laury-Klein-top, Lisa and Rutner, Herman

2012312056 **AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Shang, Sherwin S.; Tsvirko, Eduard; Chim, Edwin; Somashekar, Shubha Chethan; Ozdaryal, Esra; Julian, Joseph F. and Li, Chuan

2012312619 **Ronning, D.** The nature of the amendment is: Amend the name of the inventor to read Ronning, Donald and Ducharme, Donald

2012322729 **Schlumberger Technology B.V.** The nature of the amendment is: Amend the name of the inventor to read Chuprakov, Dmitry Arefievich; Prioul, Romain Charles Andre; Weng, Xiaowei; Kresse, Olga and Gu, Hongren

2012338230 **Sato, Y.** The nature of the amendment is: Amend the invention title to read Muscle building tool and control method thereof

2012377125 **Outotec (Finland) Oy** The nature of the amendment is: Amend the name of the inventor to read Boehnke, Bernd

2012377129 **Outotec (Finland) Oy** The nature of the amendment is: Amend the name of the inventor to read Boehnke, Bernd

**2013**

2013200462 **Transtech Research Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 May 2014

2013203988 **Buermann, D.; Illumina Inc.; Posner, J.; Heiner, D.; Lebl, M.; The Arizona Board of Regents for and on behalf of Arizona State University; Crane, B.; Salloum, K.; Kain, R.; Hage, M.; Reed, M.** The nature of the amendment is: Amend the name of the inventor to read Posner, Jonathan; Salloum, Kamil; Lebl, Michal; Reed, Mark; Buermann, Dale; Hage, Matthew; Crane, Bryan; Heiner, David; Kain, Robert and Schroeder, Michael

2013221475 **Kineta Four LLC** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2014

2013224373 **Sasol Olefins and Surfactants GmbH** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2014

**Amendments**

2013224831 **Debregeas et Associes Pharma** The nature of the amendment is: Amend the priority details to read 12/00581 28 Feb 2012 FR

2013225592 **British Columbia Cancer Agency Branch** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2014

2013235518 **Wellesley Pharmaceuticals, LLC** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2014

2013237302 **Metso Minerals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2014

2013241285 **Cosmo Oil Co., Ltd.; Japan Petroleum Exploration Co., Ltd.; Japan Oil, Gas and Metals National Corporation; JX Nippon Oil & Energy Corporation; Nippon Steel & Sumikin Engineering Co., Ltd.; Inpex Corporation** The nature of the amendment is: Amend the invention title to read Diesel fuel or diesel fuel base stock and production method thereof

2013250886 **Galderma S.A.** The nature of the amendment is: Amend the name of the inventor to read Manna, Vasant Kumar; Segura, Sandrine; Bussard, Ludovic; Etchegaray, Jean-Pierre and Freidenreich, Philip

2013257454 **Biokit, S.A.** The nature of the amendment is: Amend Divisional Details to read:2012204040 09 Jul 2012 AU

2013272669 **Vallourec Oil and Gas France; Nippon Steel & Sumitomo Metal Corporation** The nature of the amendment is: Amend the invention title to read Threaded joint for steel pipe

**2014**

2014208302 **Qingdao Jinfer International Trading Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2014101182

2014224070 **YSP CO., LTD** The nature of the amendment is: Amend the name of the inventor to read LI, FU-YUAN and HSU, TIEN-TSAI

2014224092 **Assa Abloy AB** The nature of the amendment is: Amend the priority details to read CH 01570/13 12 Sep 2013 CH

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

**2001**

2001266345 **Dainippon Sumitomo Pharma., Ltd.** The name of the patentee has been altered to **Sumitomo Dainippon Pharma Co., Ltd.**

**2003**

2003249680 **SuperGen, Inc.** The name of the patentee has been altered to **Astex Pharmaceuticals, Inc.**

**2004**

2004204031 **International Institute of Cancer Immunology, Inc.; Chugai Seiyaku Kabushiki Kaisha; Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **International**

**Amendments**

**Institute of Cancer Immunology, Inc.; Chugai Seiyaku Kabushiki Kaisha; Sumitomo Dainippon Pharma Co., Ltd.**

2004259305 **Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Dainippon Pharma Co., Ltd.**

2004267023 **Seneca Landlord, LLC** The name of the patentee has been altered to **REG Seneca, LLC**

**2005**

2005210581 **PharmaAware Sepsis B.V.** The name of the patentee has been altered to **AM-Pharma B.V.**

2005286910 **SuperGen, Inc.** The name of the patentee has been altered to **Astex Pharmaceuticals, Inc.**

2005289513 **SuperGen, Inc.** The name of the patentee has been altered to **Astex Pharmaceuticals, Inc.**

2005322369 **SuperGen, Inc.** The name of the patentee has been altered to **Astex Pharmaceuticals, Inc.**

**2006**

2006241774 **Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Dainippon Pharma Co., Ltd.**

2006319892 **International Institute of Cancer Immunology, Inc.; Chugai Seiyaku Kabushiki Kaisha; Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **International Institute of Cancer Immunology, Inc.; Chugai Seiyaku Kabushiki Kaisha; Sumitomo Dainippon Pharma Co., Ltd.**

2006345821 **Kyosemi Corporation** The name of the patentee has been altered to **Sphelar Power Corporation**

2006345848 **Energy Related Devices, Inc.; Kyosemi Corporation** The name of the patentee has been altered to **Energy Related Devices, Inc.; Sphelar Power Corporation**

**2007**

2007205806 **Seneca Lanlord, LLC** The name of the patentee has been altered to **REG Seneca, LLC**

**2008**

2008339351 **Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Dainippon Pharma Co., Ltd.**

**2009**

2009216149 **Dainippon Sumitomo Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Dainippon Pharma Co., Ltd.**

2009278854 **Diamandis, Argiris; Matikakis, Aristodemos** The name of the applicant has been altered to **Diamandis, A.; Pnevmatikakis, A.**

**Amendments**

2009322857 American Power Conversion Corporation The name of the applicant has been altered to **Schneider Electric IT Corporation**

2009331498 KAESER Kompressoren AG The name of the applicant has been altered to **Kaeser Kompressoren SE**

**2010**

2010218198 American Power Conversion Corporation The name of the applicant has been altered to **Schneider Electric IT Corporation**

2010230074 American Power Conversion Corporation The name of the applicant has been altered to **Schneider Electric IT Corporation**

2010297243 CardioVax, LLC. The name of the applicant has been altered to **CardioVax, LLC**

2010319690 Baxter Healthcare S.A.; Baxter International Inc. The name of the applicant has been altered to **Baxter Healthcare SA; Baxter International Inc.**

**2011**

2011203556 Kraft Foods Corporate Management (Shanghai) Co., Ltd. The name of the applicant has been altered to **Mondelez Shanghai Food Corporate Management Co., Ltd.**

2011206759 Chemisches Institut Schaefer AG The name of the applicant has been altered to **CIS Pharama AG**

2011226772 ILFORD Imaging Switzerland GmbH The name of the patentee has been altered to **Rex-Tone Industries Ltd**

2011227120 American Power Conversion Corporation The name of the applicant has been altered to **Schneider Electric IT Corporation**

2011253851 ILFORD Imaging Switzerland GmbH The name of the patentee has been altered to **Rex-Tone Industries Ltd**

2011299453 CAREFUSION 207, INC. The name of the applicant has been altered to **CareFusion 207, Inc.**

2011325854 Voztec Pty Ltd The name of the applicant has been altered to **Voztec Limited**

**2012**

2012216539 Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V. The name of the patentee has been altered to **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.**

2012241066 Tieri, Silvana The name of the applicant has been altered to **GSMO Pty Ltd**

2012328094 EHT Patents and Licensing Limited The name of the applicant has been altered to **EHT P and L Limited**

2012347997 Suda Limited; Foye Opawale ; David Bergstrom The name of the applicant has been altered to **Suda Limited**

**Amendments**

2012358886 The Johns Hopkins University; Gene Yevgeny Fridman; Charles Coleman Della Santina The name of the applicant has been altered to **The Johns Hopkins University**

**2013**

2013223971 Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V. The name of the applicant has been altered to **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.**

2013227284 Nexus Capital Ltd; Smart Applications Limited The name of the applicant has been altered to **Nexus Capital Ltd**

2013232013 S. C. Johnson & Son, Inc.; Shah, Bhaveshkumar The name of the applicant has been altered to **S. C. Johnson & Son, Inc.**

2013239861 Golden Biotechnology Corporation; Liu, Sheng-Yung; Wen, Wu-Che; Chen, Chih-Ming The name of the applicant has been altered to **Golden Biotechnology Corporation**

2013251457 Interactive Itelligence, Inc. The name of the applicant has been altered to **Interactive Intelligence, Inc.**

**2014**

2014203622 VLI Group The name of the applicant has been altered to **Valley Longwall International Pty Ltd**

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

Australian Patent/Patent Application 2009329824 in the name(s) of DY-WIDAG-Systems International Pty Limited

Applications Open to Public Inspection

Name Index

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

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(71) AbbVie Inc.  
 (11) AU-A-2014227520  
 (21) 2014227520 (22) 19.09.2014  
 (54) New vitamin D receptor activators and methods of making  
 (51) Int. Cl.  
*C07C 401/00* ( 2006.01 )  
 (43) 09.10.2014  
 (62) 2008326359  
 (72) Haight, Anthony R.; Barnes, David M.; Wu-Wong, Jinshyun Ruth; Hengeveld, John E.; Pei, Zhonghua; McLaughlin, Maureen A.; Von Geldern, Thomas W.; Noonan, William T.; Li, Xiaofeng;  
 Barkalow, Jufang H.  
 (74) Spruson & Ferguson

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(71) Actervis GmbH  
 (11) AU-A-2013202062  
 (21) 2013202062 (22) 22.03.2013  
 (54) WATER HOSE  
 (51) Int. Cl.  
*F16L 11/20* ( 2006.01 )  
 (43) 09.10.2014  
 (72) TORRES MARTIN, Juan Ramon  
 (74) Phillips Ormonde Fitzpatrick

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(71) Active Tools International (HK) Ltd.  
 (11) AU-A-2013201790  
 (21) 2013201790 (22) 21.03.2013  
 (54) Sealant Bottle for Tire Repair of Gas Pressure Type  
 (51) Int. Cl.  
*B29C 73/02* ( 2006.01 )  
*B05D 1/00* ( 2006.01 )  
*B60S 5/04* ( 2006.01 )  
 (43) 09.10.2014  
 (72) Hong, Ying Chi  
 (74) Cullens Patent and Trade Mark Attorneys

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(71) ADC Telecommunications, Inc.  
 (11) AU-A-2014227545  
 (21) 2014227545 (22) 19.09.2014  
 (54) Cabled group  
 (51) Int. Cl.  
*H01B 11/04* ( 2006.01 )  
*H01B 11/06* ( 2006.01 )  
 (43) 09.10.2014  
 (62) 2010202260  
 (72) Ford, Keith; Wiekhorst, David; Stutzman, Spring; Johnston, Fred; Reeves, Stuart; Grosh, John W.; Kenny, Robert; Anderson, Roger  
 (74) Davies Collison Cave

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(71) AMSTED Rail Company, Inc.  
 (11) AU-A-2014201455

(21) 2014201455 (22) 13.03.2014  
 (54) Forming a mold for steel casting  
 (51) Int. Cl.  
*B22C 9/02* ( 2006.01 )  
 (31) 13/799,629 (32) 13.03.13 (33) US  
 (43) 09.10.2014  
 (72) Bauer, Tony; Callahan, Thomas  
 (74) Spruson & Ferguson

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(71) Apple Inc.  
 (11) AU-A-2014227502  
 (21) 2014227502 (22) 18.09.2014  
 (54) Operating geographic location systems  
 (51) Int. Cl.  
*G06F 19/00* ( 2011.01 )  
*G01C 22/00* ( 2006.01 )  
*G01S 19/42* ( 2010.01 )  
*H04W 4/02* ( 2009.01 )  
 (43) 09.10.2014  
 (62) 2013205587  
 (72) MACGUGAN, Glenn Donald; BRUINS, Jay N.; MAYOR, Robert; HUANG, Ronald Keryuan; RHEE, Stephen J.; PRUNTY, Jay L.; KAZEMI, Pejman Lotfali  
 (74) Freehills Patent Attorneys

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(71) Arbitron Inc.  
 (11) AU-A-2014227513  
 (21) 2014227513 (22) 19.09.2014  
 (54) Research data gathering  
 (51) Int. Cl.  
*G10L 15/00* ( 2006.01 )  
*G10L 19/00* ( 2006.01 )  
*G10L 19/018* ( 2013.01 )  
 (43) 09.10.2014  
 (62) 2008209451  
 (72) Crystal, Jack C.; Neuhauser, Alan R.  
 (74) Spruson & Ferguson

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(71) Architectural Window Systems Pty Ltd  
 (11) AU-A-2013270620  
 (21) 2013270620 (22) 16.12.2013  
 (54) A sliding window stop  
 (51) Int. Cl.  
*E06B 3/42* ( 2006.01 )  
 (31) 2013901001 (32) 22.03.13 (33) AU  
 (43) 09.10.2014  
 (72) McCleary, Mark  
 (74) Spruson & Ferguson

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(71) Architectural Window Systems Pty Ltd  
 (11) AU-A-2013270623  
 (21) 2013270623 (22) 16.12.2013  
 (54) A window lock assembly  
 (51) Int. Cl.  
*E05C 19/00* ( 2006.01 )  
*E05F 11/02* ( 2006.01 )  
 (31) 2013900969 (32) 20.03.13 (33) AU

(43) 09.10.2014  
 (72) McCleary, Mark  
 (74) Spruson & Ferguson

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(71) Architectural Window Systems Pty Ltd  
 (11) AU-A-2013270637  
 (21) 2013270637 (22) 16.12.2013  
 (54) A window assembly  
 (51) Int. Cl.  
*E05C 19/00* ( 2006.01 )  
 (31) 2013900970 (32) 20.03.13 (33) AU  
 (43) 09.10.2014  
 (72) McCleary, Mark  
 (74) Spruson & Ferguson

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2014227555  
 (21) 2014227555 (22) 22.09.2014  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
*A63F 13/00* ( 2006.01 )  
 (43) 09.10.2014  
 (62) 2012200324  
 (72) BARBALET, THOMAS SAMUEL  
 (74) Griffith Hack

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(71) BASF SE  
 (11) AU-A-2014227474  
 (21) 2014227474 (22) 17.09.2014  
 (54) Pesticidal mixtures  
 (51) Int. Cl.  
*A01N 43/90* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
*A01N 53/00* ( 2006.01 )  
*A01P 7/00* ( 2006.01 )  
 (43) 09.10.2014  
 (62) 2011257163  
 (72) Pohlman, Matthias; Gewehr, Markus; Sikuljak, Tatjana; Langewald, Jürgen  
 (74) Watermark Patent and Trade Marks Attorneys

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(71) BASF SE  
 (11) AU-A-2014227475  
 (21) 2014227475 (22) 17.09.2014  
 (54) Pesticidal mixtures  
 (51) Int. Cl.  
*A01N 43/90* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
*A01N 53/00* ( 2006.01 )  
*A01P 7/00* ( 2006.01 )  
 (43) 09.10.2014  
 (62) 2011257163  
 (72) Pohlman, Matthias; Gewehr, Markus; Sikuljak, Tatjana; Langewald, Jürgen  
 (74) Watermark Patent and Trade Marks Attorneys

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     A61K 9/28 ( 2006.01 )  
     A61K 31/565 ( 2006.01 )  
     A61K 31/567 ( 2006.01 )  
     A61K 31/569 ( 2006.01 )  
     A61K 31/57 ( 2006.01 )  
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     A61P 5/28 ( 2006.01 )  
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 (54) Method and device for attenuating random noise in seismic data  
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     **A61K 9/08** ( 2006.01 )  
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 (54) Water Flow Detection Apparatus  
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**B32B 17/00** ( 2006.01 )  
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**B32B 29/04** ( 2006.01 )  
**E04C 2/02** ( 2006.01 )  
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 (51) Int. Cl.  
*A47L 9/18* ( 2006.01 )  
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 (51) Int. Cl.  
*H01R 13/00* ( 2006.01 )  
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 (43) 09.10.2014  
 (72) Schulz, Berthold; Buhl, Steffen  
 (74) Spruson & Ferguson

(71) Right Here Right Now Development Pty Ltd  
 (11) AU-A-2014201625  
 (21) 2014201625 (22) 18.03.2014  
 (54) Quote management system  
 (51) Int. Cl.  
*G06Q 90/00* ( 2006.01 )  
*G06Q 30/00* ( 2012.01 )  
 (31) 2013900955 (32) 19.03.13 (33) AU  
 (43) 09.10.2014  
 (72) Turvey, Deborah  
 (74) Davies Collison Cave

(71) Samsonite IP Holdings S.a r.l.  
 (11) AU-A-2014201654  
 (21) 2014201654 (22) 19.03.2014  
 (54) Conical bearing for a wheel assembly for a luggage item  
 (51) Int. Cl.  
*A45C 5/14* ( 2006.01 )  
 (31) 13160173.4 (32) 20.03.13 (33) EP  
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 (43) 09.10.2014  
 (72) MEERSSCHAERT, Reinhard  
 (74) Griffith Hack

(71) Samsung Electronics Co., Ltd.  
 (11) AU-A-2014227452  
 (21) 2014227452 (22) 17.09.2014  
 (54) METHOD AND APPARATUS FOR GENERATING OR USING INTERACTION ACTIVITY INFORMATION  
 (51) Int. Cl.  
*H04W 92/18* ( 2009.01 )  
*H04W 84/18* ( 2009.01 )  
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 (72) Yu, Seung-Dong; Chang, Woo-yong; Park, Se-Jun; Moon, Min-jeong  
 (74) Phillips Ormonde Fitzpatrick

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(11) AU-A-2014201252

(21) 2014201252 (22) 06.03.2014

(54) Method and apparatus for providing state information

(51) Int. Cl.

H04L 29/12 (2006.01)

G06Q 10/00 (2012.01)

H04L 12/58 (2006.01)

H04M 3/46 (2006.01)

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(74) Griffith Hack

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(11) AU-A-2014201501

(21) 2014201501 (22) 13.03.2014

(54) Apparatus and method of controlling screens in a device

(51) Int. Cl.

G06F 3/048 (2013.01)

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G06F 3/041 (2006.01)

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(71) SAMSUNG ELECTRONICS CO., LTD.

(11) AU-A-2014227530

(21) 2014227530 (22) 19.09.2014

(54) Resource indexing for acknowledgment signals in response to receptions of multiple assignments

(51) Int. Cl.

H04J 11/00 (2006.01)

H04L 1/18 (2006.01)

H04W 52/18 (2009.01)

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(62) 2011204119

(72) PAPASAKELLARIOU, Aris; CHO,

Joon-Young

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(71) Sangamo BioSciences, Inc.

(11) AU-A-2014227544

(21) 2014227544 (22) 19.09.2014

(54) Methods And Compositions For Generation Of Bax- And Bak-Deficient Cell Lines

(51) Int. Cl.

C12N 15/00 (2006.01)

C07H 21/04 (2006.01)

C07K 2/00 (2006.01)

C12N 5/07 (2010.01)

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C12N 15/11 (2006.01)

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(74) Wrays

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(71) Schwartz, D.; Hilu, M.; Schwartz, I.

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(54) Mounting System

(51) Int. Cl.

A47K 10/04 (2006.01)

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(72) Hilu, Marcelo; Murray, Kelvin

(74) Armour IP

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(21) 2013201652

(71) Singh, D.; Singh, N.

(11) AU-A-2013201652

(21) 2013201652 (22) 19.03.2013

(54) A METHOD, SYSTEM AND COMPUTER PROGRAM TO VISUALISE, COMMUNICATE, ORGANISE, MONITOR, RETRIEVE AND ARCHIVE EDUCATIONAL INPUTS AND LEARNING OUTPUTS

(51) Int. Cl.

G09B 5/00 (2006.01)

G08B 7/00 (2006.01)

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(72) Singh, Darius PK; Singh, Nikeeta

(74) Darius PK Singh

(71) SITA Information Networking Computing Ireland Limited

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(51) Int. Cl.

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G06F 17/30 (2006.01)

G06Q 50/30 (2012.01)

(31) 13/850,082 (32) 25.03.13 (33) US

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(72) O'SULLIVAN, Kevin Dennis; SHEDDEN, Rowan George McDonald;

CHEIKH, Stephane

(74) Griffith Hack

(71) Special Products Limited

(11) AU-A-2014227456

(21) 2014227456 (22) 17.09.2014

(54) Pharmaceutical composition comprising midazolam

(51) Int. Cl.

A61K 9/00 (2006.01)

A61K 9/08 (2006.01)

A61K 31/5517 (2006.01)

A61K 47/10 (2006.01)

A61K 47/48 (2006.01)

A61P 23/00 (2006.01)

A61P 25/08 (2006.01)

A61P 25/20 (2006.01)

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(72) MARCH, Graham Alan

(74) Griffith Hack

(71) Szekely, K.

(11) AU-A-2014221241

(21) 2014221241 (22) 04.09.2014

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(51) Int. Cl.

E01F 9/04 (2006.01)

E01C 5/00 (2006.01)

E01C 9/00 (2006.01)

E01F 9/06 (2006.01)

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(62) 2010223824

(72) Szekely, Kenneth Eugene

(74) Hodgkinson McInnes Patents

(71) TAKRAF GmbH

(11) AU-A-2014201119

(21) 2014201119 (22) 03.03.2014

(54) Process and device for replacing idler rollers of a belt conveyor

(51) Int. Cl.

B65G 15/60 (2006.01)

B65G 21/10 (2006.01)

B65G 39/12 (2006.01)

(31) 10 2013 205 041.0 (32) 21.03.13 (33) DE

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(72) Kahrger, Rainer; Dilefeld, Mario; Vollrath, Steffen

(74) Phillips Ormonde Fitzpatrick

(71) Tata Consultancy Services Limited

(11) AU-A-2014201264

(21) 2014201264 (22) 07.03.2014

(54) Scenario based customer lifetime value determination

(51) Int. Cl.

G06Q 90/00 (2006.01)

G06Q 10/04 (2012.01)

(31) 973/MUM/2013 (32) 21.03.13 (33) IN

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(72) BHATTACHARYA, Soumya Narayan;

AIRANI, Rajeev

(74) Spruson & Ferguson

(71) Technophage, Investigaçao E Desenvolvimento Em Biotecnologia, SA

(11) AU-A-2014227505

(21) 2014227505 (22) 18.09.2014

(54) Engineered rabbit antibody variable domains and uses thereof

(51) Int. Cl.

C07K 16/00 (2006.01)

(43) 09.10.2014

(62) 2008246442

(72) Goncalves Braz, João Manuel; Castanheira Aires Da Silva, Frederico Nuno

(74) Freehills Patent Attorneys

(71) The Boeing Company

(11) AU-A-2014200302

(21) 2014200302 (22) 17.01.2014

(54) A method of flying an unmanned aerial vehicle

(51) Int. Cl.

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**G08G 5/02** ( 2006.01 )  
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**(43)** 09.10.2014  
**(72)** Sweeney, Stephen; Fucke, Lars  
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**(11)** AU-A-2014227534  
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**(54)** Therapeutic compositions for treatment of inflammation of ocular and adnexal tissues  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
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**(72)** Dana, Reza; Dastjerdi, Mohammad  
**(74)** Freehills Patent Attorneys
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**(21)** 2014201551 **(22)** 14.03.2014  
**(54)** Key lockable operator cover  
**(51)** Int. Cl.  
**E05F 11/20** ( 2006.01 )  
**E05B 13/00** ( 2006.01 )  
**E05C 17/10** ( 2006.01 )  
**(31)** 13/838,012 **(32)** 15.03.13 **(33)** US  
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**(21)** 2014227552 **(22)** 22.09.2014  
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**(51)** Int. Cl.  
**E05B 73/00** ( 2006.01 )  
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- (71)** UOP LLC  
**(11)** AU-A-2014227464  
**(21)** 2014227464 **(22)** 17.09.2014  
**(54)** PRODUCTION OF TRANSPORTATION FUEL FROM RENEWABLE FEEDSTOCKS  
**(51)** Int. Cl.  
**C10G 69/04** ( 2006.01 )  
**C10G 45/02** ( 2006.01 )  
**C10L 1/08** ( 2006.01 )  
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**(74)** Houlihan?
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**(11)** AU-A-2014201548
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- (21)** 2014201548 **(22)** 14.03.2014  
**(54)** Information system to obtain an exposition rating of a geographical area  
**(51)** Int. Cl.  
**G06F 19/00** ( 2011.01 )  
**G09B 29/00** ( 2006.01 )  
**(31)** 13 160 234.4 **(32)** 20.03.13 **(33)** EP  
**(43)** 09.10.2014  
**(72)** HAMM, Dirk  
**(74)** Griffith Hack
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- (71)** Van Gelder Pty Ltd; Global Renewables Technology Pty Ltd  
**(11)** AU-A-2014201744  
**(21)** 2014201744 **(22)** 24.03.2014  
**(54)** Method of operating a hammer mill to process waste material  
**(51)** Int. Cl.  
**B02C 25/00** ( 2006.01 )  
**B02C 13/04** ( 2006.01 )  
**B09B 3/00** ( 2006.01 )  
**(31)** 2013901025 **(32)** 25.03.13 **(33)** AU  
**(43)** 09.10.2014  
**(72)** Domaniczky, Roberto Gabriel Amigo; Stubbs, David Alexander  
**(74)** Davies Collison Cave
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**(54)** A TIMBER-WORKING HEAD AND DRIVE WHEEL ARM  
**(51)** Int. Cl.  
**A01G 23/089** ( 2006.01 )  
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**(43)** 09.10.2014  
**(72)** Swinyard, Douglas Craig  
**(74)** James & Wells Intellectual Property
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**(54)** Metal oxide activated cement  
**(51)** Int. Cl.  
**C04B 7/06** ( 2006.01 )  
**(31)** 2013901015 **(32)** 24.03.13 **(33)** AU  
**(43)** 09.10.2014  
**(72)** Waters, Trevor Cyril  
**(74)** Lance Arthur Roman-Miller
- 
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**(11)** AU-A-2014201661  
**(21)** 2014201661 **(22)** 19.03.2014  
**(54)** Infant swing apparatus  
**(51)** Int. Cl.  
**A47D 1/00** ( 2006.01 )  
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 61/852,784 21.03.13 US  
**(43)** 09.10.2014  
**(72)** MOUNTZ, Jonathan K.; TUCKEY, Peter R.  
**(74)** FB Rice
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**(11)** AU-A-2014227556  
**(21)** 2014227556 **(22)** 22.09.2014  
**(54)** Controlled Release Compositions and Methods of Using  
**(51)** Int. Cl.  
**C08B 37/00** ( 2006.01 )  
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**(62)** 2013302242  
**(72)** Wood, Willard E.; Yahiaoui, Ali  
**(74)** Wrays
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- (71)** Xerox Corporation  
**(11)** AU-A-2014201664  
**(21)** 2014201664 **(22)** 19.03.2014  
**(54)** Temporal series alignment for matching real trips to schedules in public transportation systems  
**(51)** Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**G06Q 10/04** ( 2012.01 )  
**G06Q 10/06** ( 2012.01 )  
**(31)** 13/847,172 **(32)** 19.03.13 **(33)** US  
**(43)** 09.10.2014  
**(72)** Chidlovskii, Boris  
**(74)** Davies Collison Cave
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- (71)** XY, LLC  
**(11)** AU-A-2014227489  
**(21)** 2014227489 **(22)** 18.09.2014  
**(54)** Novel Laser Methods  
**(51)** Int. Cl.  
**A61G 1/00** ( 2006.01 )  
**(43)** 09.10.2014  
**(62)** 2012202814  
**(72)** COX, Todd A.  
**(74)** AJ PARK
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- (71)** Xyleco, Inc.  
**(11)** AU-A-2014227455  
**(21)** 2014227455 **(22)** 17.09.2014  
**(54)** Conversion systems for biomass  
**(51)** Int. Cl.  
**C12P 7/06** ( 2006.01 )  
**C12P 7/10** ( 2006.01 )  
**(43)** 09.10.2014  
**(62)** 2013202827  
**(72)** Medoff, Marshall  
**(74)** Spruson & Ferguson

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<b>A45C 5 /-</b> 2014201654	<b>A61M 35 /-</b> 2014203713	<b>B22C 9 /-</b> 2014201455	<b>B65G 21 /-</b> 2014201119	<b>C12P 21 /-</b> 2014227539	<b>E05F 11 /-</b> 2013270623 2014201551
<b>A47D 1 /-</b> 2014201661	<b>A61M 1 /-</b> 2014203713	<b>B23B 27 /-</b> 2014201686	<b>B66B 13 /-</b> 2014200762	<b>C12P 7 /-</b> 2014227455	<b>E06B 3 /-</b> 2013270620
<b>A47D 13 /-</b> 2013201668	<b>A61M 15 /-</b> 2014233542	<b>B24D 3 /-</b> 2014201686	<b>C04B 35 /-</b> 2014201686	<b>C12R 1 /-</b> 2014227539	<b>E21B 10 /-</b> 2014201686
<b>A47F 5 /-</b> 2013201659	<b>A61M 27 /-</b> 2014203713	<b>B25B 27 /-</b> 2014201751	<b>C04B 7 /-</b> 2014201761	<b>D21C 9 /-</b> 2014227494	<b>E21B 21 /-</b> 2014227538 2014227542
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<b><u>F21F 17 /-</u></b> 2014227560	<b><u>G01S 17 /-</u></b> 2013201834	2014201664 2014201741 2014227522	<b><u>H04L 1 /-</u></b> 2014227530
<b><u>F02D 17 /-</u></b> 2013270462	<b><u>G01S 19 /-</u></b> 2014227502	<b><u>G06Q 90 /-</u></b> 2014201264 2014201625	<b><u>H04L 12 /-</u></b> 2014201252 2014201610
<b><u>F02M 37 /-</u></b> 2013270462	<b><u>G01S 5 /-</u></b> 2013201834	<b><u>G06Q 99 /-</u></b> 2014203397 2014233553	<b><u>H04L 29 /-</u></b> 2014201252
<b><u>F16B 2 /-</u></b> 2013209390	<b><u>G01V 1 /-</u></b> 2014201420 2014201436 2014201497 2014201718	<b><u>G06T 5 /-</u></b> 2013248245	<b><u>H04L 9 /-</u></b> 2014233547
<b><u>F16G 13 /-</u></b> 2014227560	<b><u>G05B 19 /-</u></b> 2014200851	<b><u>G07C 5 /-</u></b> 2014200851	<b><u>H04M 3 /-</u></b> 2014201252
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<b><u>F16L 5 /-</u></b> 2014201634	<b><u>G05F 1 /-</u></b> 2014227484	<b><u>G08B 5 /-</u></b> 2014201662	<b><u>H04W 52 /-</u></b> 2014227530
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<b><u>F21S 8 /-</u></b> 2014201819	<b><u>G06F 17 /-</u></b> 2013201921 2014201685 2014201741 2014224149 2014227508	<b><u>G08C 19 /-</u></b> 2014201639	<b><u>H04W 92 /-</u></b> 2014227452
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<b><u>F23D 14 /-</u></b> 2014201691	<b><u>G06F 3 /-</u></b> 2014201298 2014201501	<b><u>G09G 5 /-</u></b> 2014201298	
<b><u>F23G 7 /-</u></b> 2014201640	<b><u>G06F 7 /-</u></b> 2014201683	<b><u>G10L 15 /-</u></b> 2014227513	
<b><u>F23J 15 /-</u></b> 2014201640	<b><u>G06K 9 /-</u></b> 2013248245 2014201679 2014233547	<b><u>G10L 19 /-</u></b> 2014227513	
<b><u>F23J 7 /-</u></b> 2014201640	<b><u>G06Q 10 /-</u></b> 2014201252 2014201264 2014201664 2014201741	<b><u>H01B 11 /-</u></b> 2014227545	
<b><u>F24C 3 /-</u></b> 2013201741	<b><u>G06Q 30 /-</u></b> 2014201625	<b><u>H01B 7 /-</u></b> 2014201687	
<b><u>F41H 5 /-</u></b> 2014201720	<b><u>G06Q 40 /-</u></b> 2014233553	<b><u>H01M 10 /-</u></b> 2014227484	
<b><u>G01C 22 /-</u></b> 2014227502	<b><u>G06Q 50 /-</u></b> 2014200851	<b><u>H01R 13 /-</u></b> 2014201609	
<b><u>G01D 4 /-</u></b> 2014201639		<b><u>H02J 7 /-</u></b> 2014201675 2014201678 2014227484	
<b><u>G01F 15 /-</u></b> 2014201639		<b><u>H04B 7 /-</u></b> 2014227523	
<b><u>G01N 21 /-</u></b> 2014227514 2014227515		<b><u>H04J 11 /-</u></b> 2014227530	
<b><u>G01N 33 /-</u></b> 2014227539			
<b><u>G01S 1 /-</u></b> 2013201834			
<b><u>G01S 13 /-</u></b> 2013201834			

**Innovation Patents Open to Public Inspection**

**Name Index**

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

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 (11) AU-A-2014101077  
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 (54) A COMPUTING DEVICE, SYSTEM, METHOD AND DATA SIGNAL ARRANGED TO FACILITATE THE PURCHASE OF PROPERTY  
 (51) Int. Cl.  
*G06Q 30/00* ( 2012.01 )  
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 (72) ROUMELIOTIS, Sotiris  
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 (21) 2014101047 (22) 31.08.2014  
 (54) A VEHICLE FOR LOCATING A LOAD IN ROUGH TERRAIN  
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*B62D 61/12* ( 2006.01 )  
*B60P 1/52* ( 2006.01 )  
*B62D 63/02* ( 2006.01 )  
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 (54) OIL CARRYING AND DISPENSING APPARATUS  
 (51) Int. Cl.  
*B65D 47/34* ( 2006.01 )  
*A47J 47/00* ( 2006.01 )  
*B62B 3/00* ( 2006.01 )  
*B67D 7/00* ( 2010.01 )  
 (45) 09.10.2014  
 (72) Bell, Peter Alan  
 (74) Wynnes Patent & Trade Mark Attorneys

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 (21) 2014101081 (22) 05.09.2014  
 (54) System, method and graphical user interface for facilitating a search  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
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 (72) BUTLER, Iain  
 (74) Baxter Patent Attorneys Pty Ltd

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 (21) 2014101075 (22) 04.09.2014  
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 (21) 2014101127 (22) 11.09.2014  
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*A44C 27/00* ( 2006.01 )  
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 (51) Int. Cl.  
*G06F 21/00* ( 2013.01 )  
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 (72) Contini, Scott; Lum, Andrew  
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*A01N 25/00* ( 2006.01 )  
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 (72) Lazoura, Harry  
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 (11) AU-A-2014101100  
 (21) 2014101100 (22) 10.09.2014  
 (54) Demountable Cargo Vehicle Safety Barrier  
 (51) Int. Cl.  
*B60P 3/00* ( 2006.01 )  
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*B62D 33/02* ( 2006.01 )  
 (45) 09.10.2014  
 (72) de la Coeur, David  
 (74) Marks & Clerk Australia

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 (11) AU-A-2014101102  
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 (54) ENERGY MANAGEMENT SYSTEM AND METHOD  
 (51) Int. Cl.  
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*F24D 3/08* ( 2006.01 )  
*F24D 3/14* ( 2006.01 )  
 (31) 2014902944 (32) 30.07.14 (33) AU  
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 (54) A modular building system whereby pre-built panels are assembled into transportable container for delivery, upon which hinge and other attachment mechanisms enable the container to quickly become a ready-made load-bearing floor, configurable in a range of patterns, that can be positioned directly on piers without requiring bearers. When assembled for transport, the module can be packed with other building panels, materials, fixtures and fittings that are required on site.  
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 (72) Cane, Peter  
 (74) Elton Richard Cane

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 (21) 2014101130 (22) 12.09.2014  
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 (51) Int. Cl.  
     A47L 5/28 ( 2006.01 )  
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 (72) Bilger, Dan; St. Amand, Susan Rifkin  
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 (11) AU-A-2014101053  
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 (54) Interactively Customised Synergistically Accelerated Osteogenic Orthodontics  
 (51) Int. Cl.  
     A61C 7/00 ( 2006.01 )  
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 (72) Fine, Martin Brett  
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(71) FREE RENEWABLE ENERGY ENTERPRISES PTY LTD  
 (11) AU-A-2014101078  
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 (54) Hybrid Solar Uninterrupted Power Supply and Off Grid Inverter, adaptable to most existing grid interactive solar systems.  
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 (72) Cufone, Roger  
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(71) Georgia-Pacific Consumer Products LP  
 (11) AU-A-2014101098  
 (21) 2014101098 (22) 10.09.2014  
 (54) A PROCESS FOR CLEANING A TRANSPORT BELT FOR MANUFACTURING A PAPER WEB  
 (51) Int. Cl.  
     D21F 1/32 ( 2006.01 )  
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 (72) Hunter, Mark S.; Baumgartner, Dean J.; Raines, David Drew; Kennedy, Theodore D.; Veldhuizen, David S.; Busch, Glenn W.; Edbauer, Mitchell S.  
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 (51) Int. Cl.  
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 (72) Gort-Barten, Alex  
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(71) Gourlay, M.  
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 (54) CHILD GARMENT FOR RETAINING MEDICAL TUBES  
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 (72) Griffiths, Peter  
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 (54) A System and Method for Producing and Displaying Content Representing a Brand Persona  
 (51) Int. Cl.  
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 (74) Cullens Patent and Trade Mark Attorneys

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 (54) Motor for Swimming Pool Cleaning Machine  
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 (54) Tool for Machining Straight Grain within Shaft of Seat Height Adjuster  
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     B23B 5/00 ( 2006.01 )  
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(71) INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP  
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 (54) Lathe Reversal Time Delayer  
 (51) Int. Cl.  
     H03K 17/28 ( 2006.01 )  
     H01H 47/18 ( 2006.01 )  
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 (72) Larsen, David  
 (74) K-Line Industries Pty Ltd

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 (11) AU-A-2014101062  
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 (54) A system that utilises private and public compute and communication technologies to create a virtual market for customers and service providers. The system automates the management (works management system) of service related work requests posted by registered customers seeking a tendered (bid, quote) response from registered

suppliers to complete the said work request. The system offers full lifecycle works management, through work request, acceptance, and completion, rating of the customer and supplier, payment and supplier reconciliation.  
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 (51) Int. Cl.  
*B62B 3/02* ( 2006.01 )  
 (31) 2013903451 (32) 09.09.13 (33) AU  
 (45) 09.10.2014  
 (72) EDWARDS, Ian  
 (74) Griffith Hack

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(71) Reckitt Benckiser LLC  
 (11) AU-A-2011101747  
 (21) 2011101747 (22) 13.01.2011  
 (54) Toilet flush detection system utilizing transducer with piezoelectric sounder element  
 (51) Int. Cl.  
*G01H 11/08* ( 2006.01 )  
*G01P 15/09* ( 2006.01 )  
 (31) 1001004.9 (32) 22.01.10 (33) GB  
 (45) 09.10.2014  
 (72) Jin, Wu; Thomas, Dave; Tyson, Larry; Van Diepen, Jacobus Simon Petrus  
 (74) Shelston IP

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(71) RESMED LIMITED  
 (11) AU-A-2014101124  
 (21) 2014101124 (22) 11.09.2014  
 (54) PACKAGING SYSTEM FOR PATIENT INTERFACE SYSTEM  
 (51) Int. Cl.  
*A61B 19/02* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
 (31) 14/074,139 (32) 07.11.13 (33) US  
 (45) 09.10.2014  
 (72) BATE, Andrew James; KANG, Martin; LEE, Murray William; MAY, Frederick Arlet; WAKEHAM, Dale Alan Stuart; WHITE, Hadley  
 (74) RESMED LIMITED

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(71) Roof-Maker Limited  
 (11) AU-A-2014101055  
 (21) 2014101055 (22) 02.09.2014  
 (54) Light transmitting arrangement  
 (51) Int. Cl.  
*E04D 3/08* ( 2006.01 )  
*E06B 3/00* ( 2006.01 )  
 (45) 09.10.2014  
 (72) Nicholas, Scott Edward  
 (74) Phoenix Intellectual Property

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(71) Saundercock, P.  
 (11) AU-A-2014101085  
 (21) 2014101085 (22) 07.09.2014  
 (54) A spring release door catch used to avoid damage to doors such as public toilets and similar  
 (51) Int. Cl.  
*E05C 19/02* ( 2006.01 )  
*E05C 19/06* ( 2006.01 )  
 (45) 09.10.2014  
 (72) Saundercock, Peter  
 (74) Peter Saundercock

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(71) Shinde, S.  
 (11) AU-A-2014101045  
 (21) 2014101045 (22) 30.08.2014  
 (54) Augmented Visual Interface for Smart Phones  
 (51) Int. Cl.  
*G03B 29/00* ( 2006.01 )  
*G03B 21/14* ( 2006.01 )  
*G03H 1/00* ( 2006.01 )  
*H04M 1/03* ( 2006.01 )  
 (45) 09.10.2014  
 (72) Shinde, Suraj  
 (74) Suraj Shinde

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(71) Sur Fin Pty Ltd  
 (11) AU-A-2014101066  
 (21) 2014101066 (22) 03.09.2014  
 (54) Seawall Block  
 (51) Int. Cl.  
*E02B 3/06* ( 2006.01 )  
 (45) 09.10.2014  
 (72) Johnson, Patrick  
 (74) Caska IP

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(71) Techtronic Power Tools Technology Limited  
 (11) AU-A-2014101072  
 (21) 2014101072 (22) 04.09.2014  
 (54) A combined file  
 (51) Int. Cl.  
*B24D 15/02* ( 2006.01 )  
 (31) 201420234778.4 (32) 08.05.14 (33) CN  
 (45) 09.10.2014  
 (72) TANG, San Hei; LI, You Rui  
 (74) Griffith Hack

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2014101066	Sur Fin Pty Ltd
2014101068	ENAC Pty Ltd
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2014101099	Bell, P.
2014101100	Delmour Holdings Pty Ltd
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2014101105	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101107	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101112	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101113	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101115	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101120	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
2014101121	INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP
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2014101124	RESMED LIMITED
2014101125	BUTLER, D.
2014101127	Choon's Design Inc.
2014101130	Euro-Pro Operating LLC

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

<p>(71) 3M Innovative Properties Company                      (11) AU-A-2013235473                      (21) 2013235473 (22) 14.03.2013                      (54) Polymethylmethacrylate based hard-coat composition and coated article                      (51) Int. Cl.                      C09D 133/12 ( 2006.01 )                      C09D 4/06 ( 2006.01 )                      (87) WO2013/142239                      (31) 61/614,297 (32) 22.03.12 (33) US                      (43) 26.09.2013                      (72) Clear, Susannah C.; Padiyath, Raghunath; Lachmansingh, Garry W.; Strobel, Mark A.; Mackey, Sonja S.; Jing, Naiyong                      (74) Davies Collison Cave</p> <hr/> <p>(71) Absolute Equipment Pty Limited                      (11) AU-A-2013226640                      (21) 2013226640 (22) 28.02.2013                      (54) Locking extension device                      (51) Int. Cl.                      F15B 15/26 ( 2006.01 )                      B66F 17/00 ( 2006.01 )                      F15B 20/00 ( 2006.01 )                      (87) WO2013/129946                      (31) 2012900756 (32) 28.02.12 (33) AU                      (43) 06.09.2013                      (72) Prisk, Thomas                      (74) James &amp; Wells Intellectual Property</p> <hr/> <p>(71) Adaptive Spectrum and Signal Alignment, Inc.                      (11) AU-A-2012374062                      (21) 2012374062 (22) 19.03.2012                      (54) System for diagnosing and optimizing vectored DSL line                      (51) Int. Cl.                      H04B 3/32 ( 2006.01 )                      H04B 3/46 ( 2006.01 )                      H04M 11/06 ( 2006.01 )                      (87) WO2013/141840                      (43) 26.09.2013                      (72) Kerpez, Kenneth; Mohseni, Mehdi; Rhee, Wonjong; Galli, Stefano; Ginis, Georgios; Tehrani, Ardavan Maleki; Goldberg, Marc                      (74) Griffith Hack</p> <hr/> <p>(71) Advaxis, Inc.                      (11) AU-A-2013232291                      (21) 2013232291 (22) 12.03.2013                      (54) Suppressor cell function inhibition following                      (51) Int. Cl.                      A61K 39/00 ( 2006.01 )                      A61K 39/02 ( 2006.01 )                      (87) WO2013/138337                      (31) 61/609,627 (32) 12.03.12 (33) US</p>	<p>PCT/ US2012/028757                      12.03.12 US (71) akvolution GmbH                      (11) AU-A-2013258354                      PCT/ US2012/051187                      16.08.12 US (21) 2013258354 (22) 18.04.2013                      (54) Device and method for purifying water with flotation                      (51) Int. Cl.                      C02F 9/00 ( 2006.01 )                      C02F 1/24 ( 2006.01 )                      C02F 1/44 ( 2006.01 )                      (87) WO2013/167358                      (31) 10 2012 207 731.6 (32) 09.05.12 (33) DE                      (43) 14.11.2013                      (72) Repke, Jens-Uwe; Wozny, Gunter; Beery, Matan                      (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) Advinus Therapeutics Limited                      (11) AU-A-2013250726                      (21) 2013250726 (22) 18.04.2013                      (54) Substituted hetero-bicyclic compounds, compositions and medicinal applications thereof                      (51) Int. Cl.                      C07D 413/14 ( 2006.01 )                      A61K 31/519 ( 2006.01 )                      A61P 19/02 ( 2006.01 )                      C07D 403/14 ( 2006.01 )                      (87) WO2013/157022                      (31) 1573/CHE/2012 (32) 20.04.12 (33) IN                      (43) 24.10.2013                      (72) Thakkar, Mahesh; Koul, Summon; Bhuniya, Debnath; Mookhtiar, Kasim; Kurhade, Santosh; Munot, Yogesh                      (74) Shelston IP</p> <hr/> <p>(71) Affirmation, LLC                      (11) AU-A-2013249004                      (21) 2013249004 (22) 22.04.2013                      (54) Systems and methods for real-time conversion of video into three-dimensions                      (51) Int. Cl.                      G06T 15/08 ( 2011.01 )                      (87) WO2013/159114                      (31) 61/636,342 (32) 20.04.12 (33) US                      (43) 24.10.2013                      (72) Sasaki, Hideshi                      (74) Wrays</p> <hr/> <p>(71) AK Steel Properties, Inc.                      (11) AU-A-2013243635                      (21) 2013243635 (22) 02.04.2013                      (54) Cost-effective ferritic stainless steel                      (51) Int. Cl.                      C22C 38/20 ( 2006.01 )                      C21C 5/00 ( 2006.01 )                      C22C 38/22 ( 2006.01 )                      C22C 38/40 ( 2006.01 )                      C22C 38/50 ( 2006.01 )                      (87) WO2013/151992                      (31) 61/619,048 (32) 02.04.12 (33) US                      (43) 10.10.2013                      (72) Douthett, Joseph A.; Craycraft, Shannon K.                      (74) Freehills Patent Attorneys</p> <hr/> <p>(71) Alfa Laval Corporate AB                      (11) AU-A-2013241804                      (21) 2013241804 (22) 27.03.2013                      (54) Method for joining metal parts                      (51) Int. Cl.                      B23K 35/00 ( 2006.01 )                      B23K 35/02 ( 2006.01 )                      B23K 35/365 ( 2006.01 )                      C22C 19/00 ( 2006.01 )                      (87) WO2013/144211                      (31) 12161742.7 (32) 28.03.12 (33) EP                      (43) 03.10.2013                      (72) Sjodin, Per; Walter, Kristian                      (74) Watermark Patent and Trade Marks Attorneys</p> <hr/> <p>(71) Allurion Technologies, Inc.                      (11) AU-A-2013222419                      (21) 2013222419 (22) 21.02.2013                      (54) Methods and devices for deploying and releasing a temporary implant within the body                      (51) Int. Cl.                      A61M 29/02 ( 2006.01 )                      (87) WO2013/126593                      (31) 61/762,196 (32) 07.02.13 (33) US                      61/645,601 10.05.12 US                      61/601,384 21.02.12 US                      61/663,433 22.06.12 US                      61/674,126 20.07.12 US                      61/699,942 12.09.12 US                      61/663,682 25.06.12 US                      61/663,683 25.06.12 US                      61/647,730 16.05.12 US                      (43) 29.08.2013                      (72) Gaur, Shantanu K.; Levy, Samuel G.; Wecker, Jonathan; Horwitz, Bruce A.; Gwak, Jinyoung Daniel                      (74) FB Rice</p> <hr/> <p>(71) Alstom Technology Ltd.                      (11) AU-A-2012375622                      (21) 2012375622 (22) 27.03.2012                      (54) Non-volatile memory assemblies                      (51) Int. Cl.</p>
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- G11C 16/34** ( 2006.01 )  
**G06F 11/14** ( 2006.01 )  
**G11C 16/10** ( 2006.01 )  
**G11C 29/00** ( 2006.01 )  
**(87)** WO2013/143578  
**(43)** 03.10.2013  
**(72)** Stott, Timothy James; Couch, Philip Robin  
**(74)** Griffith Hack
- 
- (71)** Altor Bioscience Corporation  
**(11)** AU-A-2013240191  
**(21)** 2013240191 **(22)** 15.03.2013  
**(54)** Methods for treating neoplasia  
**(51)** Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**A61K 31/337** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2013/148337  
**(31)** 61/617,370 **(32)** 29.03.12 **(33)** US  
**(43)** 03.10.2013  
**(72)** Wen, Jinghai; Xu, Wenxin; Rhode, Peter; Wong, Hing C.  
**(74)** Pizeys Patent and Trade Mark Attorneys
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2013243506  
**(21)** 2013243506 **(22)** 04.04.2013  
**(54)** Heterocyclic compounds and their uses  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**(87)** WO2013/152150  
**(31)** 61/620,270 **(32)** 04.04.12 **(33)** US  
**(43)** 10.10.2013  
**(72)** Bui, Minna Hue Thanh; Cushing, Timothy D.; Gonzalez Lopez De Turiso, Felix; Hao, Xiaolin; Lucas, Brian  
**(74)** Shelston IP
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- (71)** Ansell Healthcare Products LLC  
**(11)** AU-A-2013280209  
**(21)** 2013280209 **(22)** 27.06.2013  
**(54)** Abrasion and cut resistant coating and coated glove  
**(51)** Int. Cl.  
**A41D 19/00** ( 2006.01 )  
**D06M 15/693** ( 2006.01 )  
**(87)** WO2014/004814  
**(31)** 61/666,502 **(32)** 29.06.12 **(33)** US  
**(43)** 03.01.2014  
**(72)** Perera, Manju; Weerathunga, Dhammika; Tantrige, Niroshani; Mathota, Amani  
**(74)** Spruson & Ferguson
- 
- (71)** Ansell Limited  
**(11)** AU-A-2013280222  
**(21)** 2013280222 **(22)** 27.06.2013  
**(54)** Wound care articles  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**D04B 1/16** ( 2006.01 )  
**D04B 1/22** ( 2006.01 )  
**D06M 11/00** ( 2006.01 )
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- (87)** WO2014/004827  
**(31)** 61/666,479 **(32)** 29.06.12 **(33)** US  
 61/734,632 07.12.12 US  
**(43)** 03.01.2014  
**(72)** Moreland, Jeffrey; Huckfeldt, Roger Eugene; Ross, Dion; Thompson, Eric; Ashworth, Jamie; Zedalis, Michael; Lopez, Anthony B.  
**(74)** Spruson & Ferguson
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- (71)** Aqua Therapeutics Co., Ltd.; Kyushu University National University Corporation  
**(11)** AU-A-2013241099  
**(21)** 2013241099 **(22)** 29.03.2013  
**(54)** Nucleic acid molecule capable of inhibiting expression of periostin gene, method for inhibiting expression of periostin gene, and use of said nucleic acid molecule  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2013/147140  
**(31)** 2012-078114 **(32)** 29.03.12 **(33)** JP  
**(43)** 03.10.2013  
**(72)** Yoshida, Shigeo; Hamasaki, Tomohiro; Ishikawa, Keijiro; Mizutani, Takayuki; Ishibashi, Tatsuro; Ohgi, Tadaaki; Nakama, Takahito  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** Argo Medical Technologies Ltd.  
**(11)** AU-A-2013236977  
**(21)** 2013236977 **(22)** 10.03.2013  
**(54)** Motorized exoskeleton unit  
**(51)** Int. Cl.  
**B25J 9/00** ( 2006.01 )  
**A61H 1/00** ( 2006.01 )  
**(87)** WO2013/140390  
**(31)** 13/426,071 **(32)** 21.03.12 **(33)** US  
**(43)** 26.09.2013  
**(72)** Goffer, Amit; Tamari, Oren  
**(74)** PIPERS
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- (71)** Arla Foods amla  
**(11)** AU-A-2013241750  
**(21)** 2013241750 **(22)** 27.03.2013  
**(54)** Nanoparticle aggregates containing osteopontin and calcium- and/or strontium-containing particles  
**(51)** Int. Cl.  
**A61K 38/19** ( 2006.01 )  
**A61K 33/42** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2013/144247  
**(31)** 12161802.9 **(32)** 28.03.12 **(33)** EP  
**(43)** 03.10.2013  
**(72)** Birkedal, Henrik; Olsen, Jakob; Skovgaard, Jonas; Schlafer, Sebastian; Meyer, Rikke Louise; Nyvad, Bente; Sutherland, Duncan Stewart; Wejse, Peter Langborg  
**(74)** Shelston IP
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- (71)** ATLAS ELEKTRONIK GmbH  
**(11)** AU-A-2013258332  
**(21)** 2013258332 **(22)** 11.04.2013  
**(54)** Method and apparatus for estimating the shape of an acoustic trailing antenna  
**(51)** Int. Cl.  
**G01V 1/38** ( 2006.01 )  
**(87)** WO2013/167336  
**(31)** 10 2012 009 224.5 **(32)** 07.05.12 **(33)** DE  
**(43)** 14.11.2013  
**(72)** Schulz, Florian  
**(74)** Watermark Patent and Trade Marks Attorneys
- 
- (71)** Atterocor, Inc.; The Regents of the University of Michigan  
**(11)** AU-A-2013235535  
**(21)** 2013235535 **(22)** 13.03.2013  
**(54)** Compounds and methods for treating aberrant adrenocortical cell disorders  
**(51)** Int. Cl.  
**A61K 31/17** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**A61P 5/38** ( 2006.01 )  
**(87)** WO2013/142214  
**(31)** 61/614,269 **(32)** 22.03.12 **(33)** US  
**(43)** 26.09.2013  
**(72)** Hammer, Gary; Kerppola, Tom; Kerppola, Raili  
**(74)** Davies Collison Cave
- 
- (71)** BASF SE  
**(11)** AU-A-2013225089  
**(21)** 2013225089 **(22)** 27.02.2013  
**(54)** Method for producing rigid polymeric foams  
**(51)** Int. Cl.  
**C08G 18/34** ( 2006.01 )  
**(87)** WO2013/127814  
**(31)** 12157236.6 **(32)** 28.02.12 **(33)** EP  
 12161392.1 27.03.12 EP  
**(43)** 06.09.2013  
**(72)** Prissok, Frank; Harms, Michael  
**(74)** Watermark Patent and Trade Marks Attorneys
- 
- (71)** BASF SE  
**(11)** AU-A-2013234469  
**(21)** 2013234469 **(22)** 19.03.2013  
**(54)** Liquid or particulate tank mix adjuvant comprising a base selected from a mixture of carbonate and hydrogencarbonate  
**(51)** Int. Cl.  
**A01P 13/00** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 37/40** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**A01N 59/00** ( 2006.01 )  
**A01N 59/26** ( 2006.01 )  
**(87)** WO2013/139752  
**(31)** 61/613,505 **(32)** 21.03.12 **(33)** US  
 61/662,389 21.06.12 US

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- (43) 26.09.2013  
 (72) Schnabel, Gerhard; Nolte, Marc; Genari, Gerhard; Klingelhoef, Paul; Etcheverry, Mariano Ignacio; Bowe, Steven; Frihauf, John; Brommer, Chad; Cannan, Terrance M.; Thomas, Walter; Staal, Maarten  
 (74) Watermark Patent and Trade Marks Attorneys
- 
- (71) BASF SE  
 (11) AU-A-2013234470  
 (21) 2013234470 (22) 19.03.2013  
 (54) Solid particulate tank mix adjuvant comprising a base selected from a carbonate and/or a phosphate  
 (51) Int. Cl.  
*A01P 13/00* (2006.01)  
*A01N 25/00* (2006.01)  
*A01N 37/40* (2006.01)  
*A01N 57/20* (2006.01)  
*A01N 59/00* (2006.01)  
*A01N 59/26* (2006.01)  
 (87) WO2013/139753  
 (31) 61/662,384 (32) 21.06.12 (33) US  
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*C08J 9/14* (2006.01)  
*C08K 5/00* (2006.01)  
*C08L 83/00* (2006.01)  
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*B01D 21/01* (2006.01)  
*C02F 1/56* (2006.01)  
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**(51)** Int. Cl.  
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**A61Q 15/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
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**(74)** Davies Collison Cave
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**C07K 16/18** ( 2006.01 )  
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**C12N 1/15** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61F 9/007** ( 2006.01 )  
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**(74)** Freehills Patent Attorneys

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**C25B 1/04** ( 2006.01 )  
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**H01G 9/20** ( 2006.01 )  
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**A01H 1/00** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 38/57** ( 2006.01 )  
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**A61F 2/04** ( 2013.01 )  
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**C07C 323/20** ( 2006.01 )  
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**B29C 65/20** ( 2006.01 )  
**B65G 15/42** ( 2006.01 )  
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geal airway, methods of creating an  
oropharyngeal airway and systems for  
maintaining an oropharyngeal airway  
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**B01D 53/14** ( 2006.01 )  
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device for its production  
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**C07D 213/82** ( 2006.01 )  
**B01J 2/04** ( 2006.01 )  
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level of energetic efficiency for the stor-  
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origin  
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H04N 21/418 ( 2011.01 )  
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**(51)** Int. Cl.  
**H01B 1/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**G06F 7/00** ( 2006.01 )  
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**(74)** Davies Collison Cave
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**(21)** 2013242080                      **(22)** 19.03.2013  
**(54)** Use of oxazolines as aroma/flavour precursors  
**(51)** Int. Cl.  
**C07D 265/06** ( 2006.01 )  
**A23L 1/22** ( 2006.01 )  
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**(74)** Shelston IP
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**(54)** Multi-compartment products containing wet and dry food components  
**(51)** Int. Cl.  
**A23L 1/48** ( 2006.01 )  
**(87)** WO2013/150389  
**(31)** 61/619,961                      **(32)** 04.04.12 **(33)** US  
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**(72)** Chappel Jr., Russell Leon; Dzikowicz, Anthony Edward; Mann, Jason Everett; Mishra, Dharmendra Kumar; Peterson, Scott David; Sarachman, Michael John  
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**(11)** AU-A-2013245327  
**(21)** 2013245327                      **(22)** 03.01.2013  
**(54)** Systems and methods for manufacturing multi-compartment products containing wet and dry components  
**(51)** Int. Cl.  
**B65B 1/02** ( 2006.01 )  
**B65B 3/02** ( 2006.01 )  
**B65B 25/00** ( 2006.01 )  
**B65B 55/12** ( 2006.01 )  
**B65B 55/24** ( 2006.01 )  
**B65D 81/32** ( 2006.01 )  
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**(43)** 10.10.2013  
**(72)** Brannan, Michael Robert; Chappel Jr., Russell Leon; Dzikowicz, Anthony Edward; Mann, Jason Everett; Mishra, Dharmendra Kumar; Peterson, Scott David; Sarachman, Michael John  
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**(11)** AU-A-2013240219  
**(21)** 2013240219                      **(22)** 15.03.2013  
**(54)** Phenyl-urea and phenyl-carbamate derivatives as inhibitors of protein aggregation  
**(51)** Int. Cl.  
**A61K 31/17** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )  
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**(72)** Wrasidlo, Wolfgang  
**(74)** Robert Snoep trading as CreatelP
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**(11)** AU-A-2013242693  
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**(54)** Method and apparatus for obtaining vasodilation data representing cutaneous local thermal hyperemia response of a subject  
**(51)** Int. Cl.  
**A61B 6/00** ( 2006.01 )  
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**(72)** Huang, Chung-Shin; Tsai, Yuan-Feen; Wang, Shwu-Fen  
**(74)** Patent Attorney Services
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**(51)** Int. Cl.  
**A61M 21/02** ( 2006.01 )  
**A61H 23/00** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**(87)** WO2013/152348  
**(31)** 61/621,389                      **(32)** 06.04.12 **(33)** US  
61/621,399                              06.04.12                      US  
**(43)** 10.10.2013  
**(72)** Jin, Yi  
**(74)** Christopher T Goodhew
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**(11)** AU-A-2013243271  
**(21)** 2013243271                      **(22)** 08.04.2013  
**(54)** rTMS at harmonics of biological signals  
**(51)** Int. Cl.  
**A61N 2/04** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
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**(43)** 10.10.2013  
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**(74)** Christopher T Goodhew
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**(11)** AU-A-2013243272  
**(21)** 2013243272                      **(22)** 08.04.2013  
**(54)** rTMS device  
**(51)** Int. Cl.  
**A61N 2/02** ( 2006.01 )  
**A61B 5/0476** ( 2006.01 )  
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**(31)** 61/621,413                      **(32)** 06.04.12 **(33)** US  
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**(74)** Christopher T Goodhew
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**(11)** AU-A-2013268604  
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**(54)** Tangless helical coil insert removing tool  
**(51)** Int. Cl.  
**B25B 27/14** ( 2006.01 )  
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**(43)** 05.12.2013  
**(72)** Hondo, Fusahide  
**(74)** Shelston IP
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**(11)** AU-A-2013238696  
**(21)** 2013238696                      **(22)** 26.03.2013  
**(54)** Shaped and coated metallic material, composite body produced by bonding shaped and coated metallic material to molded article of thermoplastic resin composition, and method for producing said composite body  
**(51)** Int. Cl.  
**B32B 15/08** ( 2006.01 )  
**B29C 45/14** ( 2006.01 )  
**C09D 175/04** ( 2006.01 )

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 dashi; Yamamoto, Masaya  
**(74)** Cullens Patent and Trade Mark Attor-  
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 Miami  
**(11)** AU-A-2013249191  
**(21)** 2013249191 **(22)** 18.04.2013  
**(54)** Methods of treating diabetes and/or  
 promoting survival of pancreatic islets  
 after transplantation  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
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**(31)** 61/625,904 **(32)** 18.04.12 **(33)** US  
**(43)** 24.10.2013  
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 Peter; Inverardi, Luca; Pileggi, Anton-  
 ello; Ricordi, Camillo; Tomei, Alice  
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 GmbH + Co. KG  
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**(54)** A fish corral and fish accumulator  
**(51)** Int. Cl.  
**A01K 61/00** ( 2006.01 )  
**A01K 71/00** ( 2006.01 )  
**A01K 74/00** ( 2006.01 )  
**A01K 75/00** ( 2006.01 )  
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**(43)** 31.10.2013  
**(72)** Goodrick, Bruce  
**(74)** Fisher Adams Kelly Pty Ltd
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**(11)** AU-A-2013243097  
**(21)** 2013243097 **(22)** 03.04.2013  
**(54)** Combination products with tyrosine  
 kinase inhibitors and their use  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 239/94** ( 2006.01 )  
**C07D 491/04** ( 2006.01 )  
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**(43)** 10.10.2013  
**(72)** Tiedt, Ralph; Chatenay-Rivauday,  
 Christian; Ito, Moriko; Peng, Bin; Gong,  
 Ying; Akimov, Mikhail  
**(74)** Davies Collison Cave
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**(11)** AU-A-2013249232  
**(21)** 2013249232 **(22)** 18.04.2013  
**(54)** Methods of treating ankylosing spon-  
 dylitis using IL-17 antagonists  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
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**(72)** Bek, Stephan; Brachat, Arndt; Hue-  
 ber, Wolfgang; Li, Yali; Wang, Ying;  
 Yelensky, Roman  
**(74)** Davies Collison Cave
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**(11)** AU-A-2013254751  
**(21)** 2013254751 **(22)** 24.04.2013  
**(54)** Antigens and antigen combinations  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
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**(31)** 1207385.4 **(32)** 26.04.12 **(33)** GB  
 12199079.0 21.12.12 EP  
**(43)** 31.10.2013  
**(72)** Soriani, Marco; Scarselli, Maria; Norais,  
 Nathalie; Gomes Moriel, Danilo; Rossi  
 Paccani, Silvia  
**(74)** FB Rice
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**(11)** AU-A-2013255458  
**(21)** 2013255458 **(22)** 02.05.2013  
**(54)** L-malate salt of 2, 7 - diaza - spiro [4.5 ]  
 dec - 7 - yle derivatives and crystalline  
 forms thereof as ghrelin receptor agon-  
 ists  
**(51)** Int. Cl.  
**C07D 471/10** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
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**(43)** 07.11.2013  
**(72)** Ambarkhane, Ameet Vijay  
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**(21)** 2013258014 **(22)** 08.05.2013  
**(54)** Treatment of fish populations with  
 lufenuron  
**(51)** Int. Cl.  
**A01N 47/34** ( 2006.01 )  
**A61K 31/17** ( 2006.01 )  
**A61P 33/14** ( 2006.01 )  
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**(31)** 12167101.0 **(32)** 08.05.12 **(33)** EP  
**(43)** 14.11.2013  
**(72)** Blaser, David; Bouvier, Jacques;  
 Fink, Martin; McHenery, John Gerard;  
 Nanchen, Steve  
**(74)** Pizzeys Patent and Trade Mark Attor-  
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- (71)** Officine Maccaferri S.p.A.  
**(11)** AU-A-2013237044  
**(21)** 2013237044 **(22)** 07.03.2013  
**(54)** Gabion  
**(51)** Int. Cl.  
**E02D 29/02** ( 2006.01 )  
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**(43)** 26.09.2013  
**(72)** Ferraiolo, Francesco  
**(74)** FB Rice
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- (71)** Olympus Winter & Ibe GmbH  
**(11)** AU-A-2013234750  
**(21)** 2013234750 **(22)** 20.03.2013  
**(54)** Surgical milling instrument  
**(51)** Int. Cl.  
**A61B 17/32** ( 2006.01 )  
**A61B 17/3207** ( 2006.01 )  
**F16C 23/00** ( 2006.01 )  
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**(31)** 10 2012 005 536.6 **(32)** 21.03.12 **(33)** DE  
**(43)** 26.09.2013  
**(72)** Scholer, Uwe; Zweibruck, Dido Armin;  
 Scheel, Andre  
**(74)** Spruson & Ferguson
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- (71)** Oren, J.  
**(11)** AU-A-2013235292  
**(21)** 2013235292 **(22)** 18.03.2013  
**(54)** System of delivering and storing prop-  
 pant for use at a well site and container  
 for such proppant  
**(51)** Int. Cl.  
**B65G 57/14** ( 2006.01 )  
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**(43)** 26.09.2013  
**(72)** Oren, John  
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- (71)** Oscotec, Inc.; Genosco  
**(11)** AU-A-2013235344  
**(21)** 2013235344 **(22)** 15.03.2013  
**(54)** Substituted pyridopyrimidine com-  
 pounds and their use as FLT3 inhibitors  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(43)** 26.09.2013  
**(72)** Kim, Hong Woo; Lee, Hee Kyu; Song,  
 Ho-Juhn; Lee, Jaekyoo; Koh, Jong  
 Sung; Kim, Youngsam; Kim, Jung-Ho;  
 Kim, Se Won; Lee, In Yong  
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- (71)** Oxigene, Inc.; Baylor University  
**(11)** AU-A-2013235729  
**(21)** 2013235729 **(22)** 05.03.2013  
**(54)** Compositions and methods for inhibi-  
 tion of cathepsins  
**(51)** Int. Cl.



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**(72)** Chaplin, David J.; Gaddale Devanna, Kishore Kumar; Parker, Erica; Pinney, Kevin G.; Song, Jiangli; Trawick, Mary L.  
**(74)** Cullens Patent and Trade Mark Attorneys
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**(11)** AU-A-2013235387  
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**(54)** Systems and methods for real-time account access  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
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**(31)** 61/612,897 **(32)** 19.03.12 **(33)** US  
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**(72)** Marcous, Neil; Woodbury, Robert; Gordon, Peter  
**(74)** Pizzey's Patent and Trade Mark Attorneys
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**(54)** Formation of conjugated protein by electrospraying  
**(51)** Int. Cl.  
**B82B 3/00** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
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**(43)** 10.10.2013  
**(72)** Baier, Stefan; Given, Peter; Kanjanapongkul, Kobsak; Weiss, Jochen  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2013224959  
**(21)** 2013224959 **(22)** 28.02.2013  
**(54)** New compositions for treating amyotrophic lateral sclerosis  
**(51)** Int. Cl.  
**A61K 31/138** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/185** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**(74)** Davies Collison Cave
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**(11)** AU-A-2013224072  
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**(54)** Multilayer combustible heat source  
**(51)** Int. Cl.  
**A24B 15/16** ( 2006.01 )  
**A24B 15/28** ( 2006.01 )  
**A24F 47/00** ( 2006.01 )  
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**(43)** 29.08.2013  
**(72)** Roudier, Stephane; Clemens, Frank Joerg; Michen, Marina Ismael  
**(74)** Callinans
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- (71)** Philip Morris Products S.A.  
**(11)** AU-A-2013224075  
**(21)** 2013224075 **(22)** 21.02.2013  
**(54)** Method of making a multilayered article  
**(51)** Int. Cl.  
**B30B 11/02** ( 2006.01 )  
**B29C 43/14** ( 2006.01 )  
**F42B 1/00** ( 2006.01 )  
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**(72)** Mancini, Roberto  
**(74)** Callinans
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**(11)** AU-A-2013225341  
**(21)** 2013225341 **(22)** 27.02.2013  
**(54)** Pasteurization of packaged tobacco  
**(51)** Int. Cl.  
**A24B 13/00** ( 2006.01 )  
**A24B 13/02** ( 2006.01 )  
**A24B 15/18** ( 2006.01 )  
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**(31)** 12001327.1 **(32)** 28.02.12 **(33)** EP  
**(43)** 06.09.2013  
**(72)** Neiss, Philipp; Van Hattem, Sander  
**(74)** Callinans
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- (71)** Pilch, D.; Zhang, Y.; University of Medicine and Dentistry of New Jersey; Kaul, M.; Parhi, A.; Lavoie, E.; Rutgers, The State University of New Jersey  
**(11)** AU-A-2013235038  
**(21)** 2013235038 **(22)** 21.03.2013  
**(54)** Antimicrobial agents  
**(51)** Int. Cl.  
**C07D 263/56** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/429** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 263/34** ( 2006.01 )  
**C07D 277/24** ( 2006.01 )  
**C07D 277/64** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
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**(72)** Lavoie, Edmond J.; Parhi, Ajit; Zhang, Yongzheng; Pilch, Daniel S.; Kaul, Malvika  
**(74)** Pizzey's Patent and Trade Mark Attorneys
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**(11)** AU-A-2013237525  
**(21)** 2013237525 **(22)** 20.03.2013  
**(54)** Moving bottom for swimming pool  
**(51)** Int. Cl.  
**E04H 4/06** ( 2006.01 )  
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**(43)** 26.09.2013  
**(72)** Mariton, Jean-Louis; Gochgarian, Bernard  
**(74)** Griffith Hack
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- (71)** Pitco Frialator, Inc.  
**(11)** AU-A-2013240104  
**(21)** 2013240104 **(22)** 20.03.2013  
**(54)** Oil level detection system for deep fat fryer  
**(51)** Int. Cl.  
**A47J 37/12** ( 2006.01 )  
**G01F 23/22** ( 2006.01 )  
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**(31)** 61/619,389 **(32)** 02.04.12 **(33)** US  
13/804,124 14.03.13 US  
61/618,780 31.03.12 US  
**(43)** 03.10.2013  
**(72)** Gardner, John P.; Savage, Stephen J.  
**(74)** Griffith Hack
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- (71)** Pizarro, F.; Pizarro, J.  
**(11)** AU-A-2013234857  
**(21)** 2013234857 **(22)** 19.03.2013  
**(54)** Flexible closure apparatus  
**(51)** Int. Cl.  
**A01K 97/04** ( 2006.01 )  
**A01K 97/20** ( 2006.01 )  
**B65D 51/00** ( 2006.01 )  
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**(72)** Pizarro, Jose Augustin; Pizarro, Fabienne Marie  
**(74)** Phoenix Intellectual Property
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- (71)** Polyphor AG  
**(11)** AU-A-2013234499  
**(21)** 2013234499 **(22)** 15.03.2013  
**(54)** Conformationally constrained, fully synthetic macrocyclic compounds  
**(51)** Int. Cl.  
**C07D 273/02** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 291/08** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**C07D 498/18** ( 2006.01 )  
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**(87)** WO2013/139697  
**(31)** 12001830.4 **(32)** 17.03.12 **(33)** EP  
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**(72)** Obrecht, Daniel; Ermert, Philipp; Oumouch, Said; Pietre, Arnaud; Gosalbes, Jean-Francois; Thommen, Marc  
**(74)** Spruson & Ferguson

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 (21) 2013235483 (22) 14.03.2013  
 (54) Cyclodextrin-based microemulsions, and dermatological uses thereof  
 (51) Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 47/40** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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 (31) 61/614,177 (32) 22.03.12 (33) US  
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 (72) Trumbore, Mark W.; Majhi, Pinaki Ranjan; Shah, Dinen Divyang  
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- (71) Pronutria, Inc.  
 (11) AU-A-2013240183  
 (21) 2013240183 (22) 15.03.2013  
 (54) Charged nutritive proteins and methods  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**A23J 3/04** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/74** ( 2006.01 )  
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 (43) 03.10.2013  
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 (74) FB Rice
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 (21) 2013222179 (22) 22.02.2013  
 (54) Trialkyl cationic lipids and methods of use thereof  
 (51) Int. Cl.  
**C07C 271/20** ( 2006.01 )  
**C07C 217/08** ( 2006.01 )  
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 (51) Int. Cl.  
**B03B 9/06** ( 2006.01 )  
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 (54) Method for producing hematite for iron production  
 (51) Int. Cl.  
**C22B 3/44** ( 2006.01 )  
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 (54) Production method for hematite for iron production  
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 (51) Int. Cl.  
**C07D 471/02** ( 2006.01 )  
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**C07D 403/04** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
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 (54) Method for controlling agricultural pests in sugar cane  
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**A01N 51/00** ( 2006.01 )  
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**(72)** Aramaki, Paulo Hiromitsu  
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**(54)** Triazole derivatives as HSP90 inhibitors  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
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**(54)** Fused azole derivative  
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**C07D 209/10** ( 2006.01 )  
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**A61K 31/55** ( 2006.01 )  
**A61P 1/14** ( 2006.01 )  
**A61P 7/10** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick
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**(74)** Watermark Patent and Trade Marks Attorneys
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**(54)** Aggregation of resources in enhanced control channels  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
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**(72)** Frenne, Mattias; Cheng, Jung-Fu; Furuskog, Johan; Koorapaty, Havish; Larsson, Daniel  
**(74)** Watermark Patent and Trade Marks Attorneys
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**(54)** Method to provide feedback to an UE about SIR offset and transmission rank by using a new channel (E-ROCH)  
**(51)** Int. Cl.  
**H04W 72/14** ( 2009.01 )  
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**(72)** Larsson, Erik; Goransson, Bo; Von Wrycza, Peter  
**(74)** Watermark Patent and Trade Marks Attorneys
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**(54)** Devices and method for assigning network addresses  
**(51)** Int. Cl.  
**G06F 12/06** ( 2006.01 )  
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**H04L 12/40** ( 2006.01 )  
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**(43)** 06.09.2013  
**(72)** Van Den Wouwer, Dirk  
**(74)** Fisher Adams Kelly Pty Ltd
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**(51)** Int. Cl.  
**H04L 29/08** ( 2006.01 )  
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**H04W 4/02** ( 2009.01 )  
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**(54)** Devices and methods for preventing platelet activation  
**(51)** Int. Cl.  
**C07K 14/745** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
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**A61P 7/02** ( 2006.01 )  
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**(11)** AU-A-2013243735  
**(21)** 2013243735 **(22)** 01.04.2013  
**(54)** Bearing lubricants for pulverizing equipment  
**(51)** Int. Cl.  
**C10M 157/08** ( 2006.01 )  
**C10N 40/02** ( 2006.01 )  
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**(11)** AU-A-2013240289  
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**(54)** Gastrointestinal site-specific oral vaccination formulations active on the ileum and appendix  
**(51)** Int. Cl.  
**A61K 9/48** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**A61K 47/48** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(72)** Schentag, Jerome; Kabadi, Mohan  
**(74)** Callinans
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**(11)** AU-A-2013243546  
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**(54)** Soluble microneedle arrays for buccal delivery of vaccines  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
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**(72)** Kwon, Sung-Yun  
**(74)** Davies Collison Cave
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**(21)** 2013225721 **(22)** 01.03.2013  
**(54)** Expansion of alloantigen-reactive regulatory T cells  
**(51)** Int. Cl.
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**A61K 35/14** ( 2006.01 )  
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**(43)** 06.09.2013  
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**(54)** Metal oxide charge transport material doped with organic molecules  
**(51)** Int. Cl.  
**H01L 51/54** ( 2006.01 )  
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**H05B 33/14** ( 2006.01 )  
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**(21)** 2013239981 **(22)** 25.03.2013  
**(54)** Methods and kits for assessing central nervous system integrity  
**(51)** Int. Cl.  
**A61B 3/113** ( 2006.01 )  
**A61B 5/0484** ( 2006.01 )  
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**(72)** Samadani, Uzma; Offen, Shani; Carrasco-Queijeiro, Marisa; Heeger, David  
**(74)** Madderns Patent & Trade Mark Attorneys
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**(54)** Immunomodulatory agent and uses therefor  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
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**A61P 19/02** ( 2006.01 )  
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**(11)** AU-A-2013237359  
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**(54)** Method for the modification of wood  
**(51)** Int. Cl.  
**B01J 19/18** ( 2006.01 )  
**B01J 19/20** ( 2006.01 )
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**F26B 11/04** ( 2006.01 )  
**F26B 15/10** ( 2006.01 )  
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**(54)** Gypsum dispersant  
**(51)** Int. Cl.  
**C04B 24/26** ( 2006.01 )  
**C04B 24/12** ( 2006.01 )  
**C08F 220/04** ( 2006.01 )  
**C08F 220/28** ( 2006.01 )  
**C08F 290/06** ( 2006.01 )  
**C04B 103/40** ( 2006.01 )  
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**(54)** Gypsum dispersant  
**(51)** Int. Cl.  
**C04B 24/26** ( 2006.01 )  
**C04B 24/12** ( 2006.01 )  
**C04B 24/28** ( 2006.01 )  
**C04B 28/14** ( 2006.01 )  
**C08F 290/06** ( 2006.01 )  
**C08G 65/24** ( 2006.01 )  
**C08L 55/00** ( 2006.01 )  
**C04B 103/40** ( 2006.01 )  
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**(54)** Inner multi-piece rim  
**(51)** Int. Cl.  
**B60B 25/04** ( 2006.01 )  
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 (51) Int. Cl.  
 C07K 16/18 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 16/46 ( 2006.01 )  
 C12N 15/09 ( 2006.01 )  
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 (72) Saito, Takanori; Okano, Fumiyoshi; Ido, Takayoshi; Minamida, Yoshitaka  
 (74) Pizzeys Patent and Trade Mark Attorneys
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 C07K 16/18 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
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 C07K 16/46 ( 2006.01 )  
 C12N 15/09 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys
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 (54) Variable valve device of internal combustion engine  
 (51) Int. Cl.  
 F02D 13/02 ( 2006.01 )  
 F02B 31/02 ( 2006.01 )  
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 (51) Int. Cl.  
 F02P 5/152 ( 2006.01 )  
 F02D 41/22 ( 2006.01 )  
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 (54) Method and assembly for growing plants  
 (51) Int. Cl.  
 A01G 9/02 ( 2006.01 )  
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 (74) Adams Pluck
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 E21B 17/01 ( 2006.01 )  
 F16L 1/24 ( 2006.01 )  
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 (74) Davies Collison Cave
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 (51) Int. Cl.  
 A61K 38/22 ( 2006.01 )  
 A61K 38/28 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
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 (72) Qui, Wendy Wei Qiao  
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 (54) Connector and connector assembly  
 (51) Int. Cl.  
 H01R 13/627 ( 2006.01 )  
 G02B 6/38 ( 2006.01 )  
 H01R 13/633 ( 2006.01 )  
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 (43) 29.08.2013  
 (72) Xue, Hawk; Grinderslev, Soren; Tong, Zhaoyang; Liu, Lily  
 (74) Griffith Hack
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- (71) Unicharm Corporation  
 (11) AU-A-2013241168  
 (21) 2013241168 (22) 28.03.2013  
 (54) Disposable diaper  
 (51) Int. Cl.  
 A61F 13/49 ( 2006.01 )  
 A61F 13/53 ( 2006.01 )  
 (87) WO2013/147025  
 (31) 2012-082890 (32) 30.03.12 (33) JP  
 (43) 03.10.2013  
 (72) Sakaguchi, Satoru  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Unicharm Corporation  
 (11) AU-A-2013241415  
 (21) 2013241415 (22) 26.03.2013  
 (54) Absorbent article  
 (51) Int. Cl.  
 A61F 13/15 ( 2006.01 )  
 A61F 13/472 ( 2006.01 )  
 A61F 13/53 ( 2006.01 )  
 A61F 13/534 ( 2006.01 )  
 (87) WO2013/146817  
 (31) 2012-080539 (32) 30.03.12 (33) JP  
 (43) 03.10.2013  
 (72) Noda, Yuki; Tamura, Tatsuya; Hashino, Akira  
 (74) Phillips Ormonde Fitzpatrick
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- (71) United States Postal Service  
 (11) AU-A-2013277778  
 (21) 2013277778 (22) 29.03.2013  
 (54) Item status tracking  
 (51) Int. Cl.  
 G06K 9/00 ( 2006.01 )  
 G06Q 30/00 ( 2012.01 )  
 (87) WO2013/191787  
 (31) 61/618,568 (32) 30.03.12 (33) US  
 13/826,644 14.03.13 US  
 (43) 27.12.2013  
 (72) Gullo, John; Hugo, Jason; Felix, Shea; Briganti, Mark J.  
 (74) Davies Collison Cave
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- (71) University Health Network  
 (11) AU-A-2013234046  
 (21) 2013234046 (22) 14.03.2013  
 (54) Methods and compositions for modulating Toso activity  
 (51) Int. Cl.  
 A61K 38/17 ( 2006.01 )  
 A61P 3/10 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )  
 (87) WO2013/136193  
 (31) 61/612,183 (32) 16.03.12 (33) US  
 61/646,143 11.05.12 US  
 61/731,428 29.11.12 US  
 (43) 19.09.2013  
 (72) Tusche, Michael W.; Mak, Tak W.; Ohashi, Pamela S.; Lang, Philipp; Lang, Karl; Brenner, Dirk; Lin, Gloria  
 (74) Davies Collison Cave
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- (71) University of Guelph  
 (11) AU-A-2013233946  
 (21) 2013233946 (22) 13.03.2013  
 (54) Methods of increasing tolerance to heat stress and amino acid content of plants  
 (51) Int. Cl.



PCT applications which have entered the National Phase - Name Index cont'd

- C12N 15/82** ( 2006.01 )  
**C12N 9/00** ( 2006.01 )  
**C12N 9/88** ( 2006.01 )  
**(87)** WO2013/136273  
**(31)** 61/610,288 **(32)** 13.03.12 **(33)** US  
**(43)** 19.09.2013  
**(72)** Rothstein, Steven; Bi, Yongmei; El-Kereamy, Ashraf  
**(74)** Davies Collison Cave
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- (71)** University of Maryland  
**(11)** AU-A-2013240456  
**(21)** 2013240456 **(22)** 04.03.2013  
**(54)** Administration of eritoran or pharmaceutically acceptable salts thereof to treat orthomyxovirus infections  
**(51)** Int. Cl.  
**A61K 31/7024** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**(87)** WO2013/148072  
**(31)** 61/616,784 **(32)** 28.03.12 **(33)** US  
 61/771,339 01.03.13 US  
**(43)** 03.10.2013  
**(72)** Vogel, Stefanie; Shirey, Kari Ann  
**(74)** AJ PARK
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- (71)** Vaccinex, Inc.  
**(11)** AU-A-2013239662  
**(21)** 2013239662 **(22)** 27.03.2013  
**(54)** Anti-SEMA4D antibodies and epitopes  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2013/148854  
**(31)** 13/828,506 **(32)** 14.03.13 **(33)** US  
 61/616,777 28.03.12 US  
**(43)** 03.10.2013  
**(72)** Fisher, Terrence Lee; Smith, Ernest S.; Zauderer, Maurice  
**(74)** Spruson & Ferguson
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- (71)** Vallourec Oil and Gas France; Nippon Steel & Sumitomo Metal Corporation  
**(11)** AU-A-2013272669  
**(21)** 2013272669 **(22)** 04.06.2013  
**(54)** Threaded joint for steel pipe  
**(51)** Int. Cl.  
**F16L 15/04** ( 2006.01 )  
**(87)** WO2013/183634  
**(31)** 2012-130134 **(32)** 07.06.12 **(33)** JP  
**(43)** 12.12.2013  
**(72)** Sasaki, Masayoshi; Sumitani, Katsutoshi; Goto, Kunio  
**(74)** Spruson & Ferguson
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- (71)** Valspar Sourcing, Inc.  
**(11)** AU-A-2013248988  
**(21)** 2013248988 **(22)** 22.04.2013  
**(54)** Method for making titanium dioxide pigment grind dispersion and paint  
**(51)** Int. Cl.  
**C09C 3/10** ( 2006.01 )  
**(87)** WO2013/159098  
**(31)** 61/790,103 **(32)** 15.03.13 **(33)** US  
 61/636,571 20.04.12 US
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- (43)** 24.10.2013  
**(72)** Korenkiewicz, Stephen M.; Booth, Karl A.  
**(74)** Davies Collison Cave
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- (71)** Veolia Water Solutions & Technologies Support  
**(11)** AU-A-2013239946  
**(21)** 2013239946 **(22)** 26.03.2013  
**(54)** Method for removing calcium, barium, magnesium and strontium from frac flowback  
**(51)** Int. Cl.  
**C02F 1/52** ( 2006.01 )  
**C02F 5/02** ( 2006.01 )  
**C02F 1/38** ( 2006.01 )  
**C02F 1/56** ( 2006.01 )  
**C02F 11/12** ( 2006.01 )  
**C02F 103/10** ( 2006.01 )  
**(87)** WO2013/148615  
**(31)** 13/829,576 **(32)** 14.03.13 **(33)** US  
 61/615,496 26.03.12 US  
**(43)** 03.10.2013  
**(72)** Blumenschein, P. E. Dee Charles; Hess, Mark; Banerjee, P. E. Dee Kashi  
**(74)** Spruson & Ferguson
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- (71)** Wavin B.V.  
**(11)** AU-A-2013242010  
**(21)** 2013242010 **(22)** 22.03.2013  
**(54)** Device and method for installing a compact pipe within a pipeline  
**(51)** Int. Cl.  
**F16L 55/165** ( 2006.01 )  
**(87)** WO2013/144010  
**(31)** 1039503 **(32)** 29.03.12 **(33)** NL  
**(43)** 03.10.2013  
**(72)** Elzink, Willem Johan  
**(74)** Davies Collison Cave
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- (71)** Weir Minerals Europe Limited  
**(11)** AU-A-2013239452  
**(21)** 2013239452 **(22)** 27.03.2013  
**(54)** Froth pump and method  
**(51)** Int. Cl.  
**F04D 7/04** ( 2006.01 )  
**F04D 29/42** ( 2006.01 )  
**(87)** WO2013/144623  
**(31)** 2012901249 **(32)** 29.03.12 **(33)** AU  
 1205553.9 29.03.12 GB  
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 2012904251 28.09.12 AU  
 1217360.5 28.09.12 GB  
**(43)** 03.10.2013  
**(72)** Loderer, Pavol; Roudnev, Aleksander S.; Moscoso Lavagna, Luis  
**(74)** Davies Collison Cave
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- (71)** XPED Holdings Pty Ltd  
**(11)** AU-A-2013239344  
**(21)** 2013239344 **(22)** 28.03.2013  
**(54)** Method and apparatus for forming associations and communicating between devices  
**(51)** Int. Cl.  
**H04B 5/00** ( 2006.01 )
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- H04W 4/00** ( 2009.01 )  
**H04W 12/00** ( 2009.01 )  
**(87)** WO2013/142913  
**(31)** 2012903294 **(32)** 01.08.12 **(33)** AU  
 2012901247 28.03.12 AU  
 2012903292 01.08.12 AU  
**(43)** 03.10.2013  
**(72)** Schultz, John; Wood, Christopher Richard  
**(74)** Madders Patent & Trade Mark Attorneys
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- (71)** Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
**(11)** AU-A-2013239074  
**(21)** 2013239074 **(22)** 24.03.2013  
**(54)** Edible coating for plant matter  
**(51)** Int. Cl.  
**A23B 7/16** ( 2006.01 )  
**A01N 3/00** ( 2006.01 )  
**(87)** WO2013/144961  
**(31)** 61/617,179 **(32)** 29.03.12 **(33)** US  
**(43)** 03.10.2013  
**(72)** Nussinovitch, Amos; Marmur, Tal; El-kind, Yonatan  
**(74)** PIPERS
- 
- (71)** Yoshino Kogyosho Co., Ltd.  
**(11)** AU-A-2013238598  
**(21)** 2013238598 **(22)** 29.03.2013  
**(54)** Metered-dose syringe type spray device  
**(51)** Int. Cl.  
**B05B 11/00** ( 2006.01 )  
**A61M 11/00** ( 2006.01 )  
**A61M 15/08** ( 2006.01 )  
**(87)** WO2013/145789  
**(31)** 2012-170559 **(32)** 31.07.12 **(33)** JP  
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 2012-123748 30.05.12 JP  
 2012-124312 31.05.12 JP  
 2012-082385 30.03.12 JP  
 2012-103300 27.04.12 JP  
 2012-218607 28.09.12 JP  
**(43)** 03.10.2013  
**(72)** Kakuta, Yoshiyuki; Toma, Toru; Hoshino, Shinya  
**(74)** Griffith Hack
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- (71)** Zhejiang Chaoji Electric Tech. Co., Ltd.  
**(11)** AU-A-2013236890  
**(21)** 2013236890 **(22)** 22.03.2013  
**(54)** Automatically compressing and friction-driven speed reduction device  
**(51)** Int. Cl.  
**F16H 13/14** ( 2006.01 )  
**(87)** WO2013/139294  
**(31)** 201220116791.0 **(32)** 23.03.12 **(33)** CN  
 201210081865.6 23.03.12 CN  
**(43)** 26.09.2013  
**(72)** Liu, Jun  
**(74)** A.P.T. Patent and Trade Mark Attorneys

PCT applications which have entered the National Phase - Name Index cont'd

(71) Zodiac Pool Care Europe  
 (11) AU-A-2013279126  
 (21) 2013279126 (22) 18.06.2013  
 (54) Apparatus for cleaning a pool having active discharge and method for controlling such an apparatus  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
 (87) WO2013/190232  
 (31) 12.55961 (32) 22.06.12 (33) FR  
 (43) 27.12.2013  
 (72) Favie, Louis; Michelon, Thierry  
 (74) Griffith Hack

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(71) Zoetis LLC  
 (11) AU-A-2013243535  
 (21) 2013243535 (22) 03.04.2013  
 (54) Mycoplasma hyopneumoniae vaccine  
 (51) Int. Cl.  
*A61K 39/02* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/295* ( 2006.01 )  
 (87) WO2013/152081  
 (31) 61/620,165 (32) 04.04.12 (33) US  
 (43) 10.10.2013  
 (72) Galvin, Jeffrey E.; Nitzel, Gregory P.; Garrett, John Keith; Kulawik II, James R.; Ricker, Tracy L.; Smutzer, Megan Marie  
 (74) Shelston IP

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(71) Zoetis LLC  
 (11) AU-A-2013243537  
 (21) 2013243537 (22) 03.04.2013  
 (54) PCV/Mycoplasma hyopneumoniae combination vaccine  
 (51) Int. Cl.  
*A61K 39/02* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/295* ( 2006.01 )  
 (87) WO2013/152083  
 (31) 61/620,175 (32) 04.04.12 (33) US  
 (43) 10.10.2013  
 (72) Nitzel, Gregory P.; Galvin, Jeffrey E.; Garrett, John Keith; Kulawik II, James R.; Ricker, Tracy L.; Smutzer, Megan Marie  
 (74) Shelston IP

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(71) Zoetis LLC  
 (11) AU-A-2013243540  
 (21) 2013243540 (22) 03.04.2013  
 (54) PCV/Mycoplasma hyopneumoniae/PRRS combination vaccine  
 (51) Int. Cl.  
*A61K 39/02* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/295* ( 2006.01 )  
 (87) WO2013/152086  
 (31) 61/620,189 (32) 04.04.12 (33) US  
 (43) 10.10.2013  
 (72) Nitzel, Gregory P.; Galvin, Jeffrey E.; Garrett, John Keith; Kulawik II, James R.; Ricker, Tracy L.; Smutzer, Megan Marie  
 (74) Shelston IP

(71) Zyga Technology, Inc.  
 (11) AU-A-2013231977  
 (21) 2013231977 (22) 14.03.2013  
 (54) Sacroiliac fusion system  
 (51) Int. Cl.  
*A61B 17/16* ( 2006.01 )  
*A61B 17/32* ( 2006.01 )  
 (87) WO2013/138655  
 (31) 61/610,759 (32) 14.03.12 (33) US  
 (43) 19.09.2013  
 (72) Assell, Robert L.; Carr, Jeremy Thomas; Dickhudt, Eugene Arthur; Berg, Thomas Godfrey; Beaubien, Brian P.  
 (74) AJ PARK

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(71) Zymeworks Inc.  
 (11) AU-A-2013234788  
 (21) 2013234788 (22) 12.03.2013  
 (54) Systems and methods for making two dimensional graphs of complex molecules  
 (51) Int. Cl.  
*G06F 19/00* ( 2006.01 )  
*G06F 19/26* ( 2011.01 )  
 (87) WO2013/138923  
 (31) 61/613,711 (32) 21.03.12 (33) US  
 (43) 26.09.2013  
 (72) Ohrn, Anders; Macdonald, Scott Paul  
 (74) Pizzeys

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<b>2012371202</b>	Regen Technologies Pty Ltd	<b>2013233152</b>	Toho Chemical Industry Co.,Ltd.; Yoshino Gypsum Co.,Ltd.
<b>2012371226</b>	Televic Rail NV	<b>2013233154</b>	Toho Chemical Industry Co.,Ltd.; Yoshino Gypsum Co.,Ltd.
<b>2012372049</b>	Bone Vitae S.A.	<b>2013233946</b>	University of Guelph
<b>2012374062</b>	Adaptive Spectrum and Signal Alignment, Inc.	<b>2013234046</b>	University Health Network
<b>2012374118</b>	Husqvarna AB	<b>2013234469</b>	BASF SE
<b>2012374304</b>	Telefonaktiebolaget L M Ericsson (publ)	<b>2013234470</b>	BASF SE
<b>2012374402</b>	Toyota Jidosha Kabushiki Kaisha	<b>2013234499</b>	Polyphor AG
<b>2012374447</b>	Toyota Jidosha Kabushiki Kaisha	<b>2013234535</b>	Henkel AG & Co. KGaA
<b>2012375584</b>	Electrolux Home Products Corporation N.V.	<b>2013234542</b>	Sanofi
<b>2012375622</b>	Alstom Technology Ltd.	<b>2013234581</b>	Inventio AG
<b>2012375986</b>	RAG Aktiengesellschaft	<b>2013234592</b>	BASF SE
<b>2012375996</b>	Syngenta Participations AG	<b>2013234603</b>	Prox Dynamics AS
<b>2012375997</b>	Mobelife N.V.	<b>2013234705</b>	Prox Dynamics AS
<b>2012376491</b>	Magaldi Industrie S.r.l.	<b>2013234750</b>	Olympus Winter & Ibe GmbH
<b>2012376843</b>	Halliburton Energy Services, Inc.	<b>2013234788</b>	Zymeworks Inc.
<b>2012377784</b>	Draka Comteq BV	<b>2013234815</b>	The University of Queensland
<b>2012379588</b>	Institute of Process Engineering, Chinese Academy of Sciences	<b>2013234857</b>	Pizarro, F.; Pizarro, J.
<b>2012379589</b>	Institute of Process Engineering, Chinese Academy of Sciences	<b>2013234867</b>	Lewer, B.
<b>2012380353</b>	Halliburton Energy Services, Inc.	<b>2013234988</b>	Revance Therapeutics, Inc.
<b>2012388807</b>	Ecospec Global Technology Pte Ltd	<b>2013235019</b>	Rubinchik, V.; Culham, L.; Heacock, G.; Williams, W.; Kjellbotn, C.
<b>2013207241</b>	Elmer, K.	<b>2013235038</b>	Pilch, D.; Zhang, Y.; University of Medicine and Dentistry of New Jersey; Kaul, M.; Parhi, A.; Lavoie, E.; Rutgers, The State University of New Jersey
<b>2013222179</b>	Protiva Biotherapeutics Inc.	<b>2013235112</b>	Loma Linda University
<b>2013222419</b>	Allurion Technologies, Inc.	<b>2013235292</b>	Oren, J.
<b>20132223676</b>	Sarda, S.	<b>2013235344</b>	Oscotec, Inc.; Genosco
<b>2013223760</b>	Tyco Electronics (Shanghai) Co. Ltd.; Tyco Electronics Corporation	<b>2013235345</b>	Cosmederm Bioscience, Inc.
<b>2013223814</b>	Sports Design Concepts Limited	<b>2013235387</b>	PayNet Payments Network, LLC
<b>2013223827</b>	Louwer-Lite Limited	<b>2013235393</b>	The Children's Hospital of Philadelphia
<b>2013224010</b>	Biochemtex S.p.A.	<b>2013235404</b>	Intermetro Industries Corporation
<b>2013224072</b>	Philip Morris Products S.A.	<b>2013235425</b>	Dana Farber Cancer Institute, Inc.
<b>2013224075</b>	Philip Morris Products S.A.	<b>2013235426</b>	Raytheon Company
<b>2013224476</b>	Skrebova, I.; Eikje, N.; MC Professional Ou	<b>2013235452</b>	The Curators of the University of Missouri
<b>2013224590</b>	Faubert, J.; Castonguay, J.	<b>2013235473</b>	3M Innovative Properties Company
<b>2013224628</b>	Trans-World Foods Pty Limited	<b>2013235483</b>	Precision Dermatology, Inc.
<b>2013224773</b>	Saint-Gobain Placo	<b>2013235487</b>	Memorial Sloan-Kettering Cancer Center; The Rockefeller University
<b>2013224959</b>	Pharnext	<b>2013235495</b>	Dow AgroSciences LLC
<b>2013225089</b>	BASF SE	<b>2013235496</b>	Dow AgroSciences LLC
<b>2013225341</b>	Philip Morris Products S.A.	<b>2013235535</b>	Attercor, Inc.; The Regents of the University of Michigan
<b>2013225389</b>	Merck Patent GmbH	<b>2013235567</b>	Baxter International Inc.; Baxter Healthcare S.A.
<b>2013225592</b>	British Columbia Cancer Agency Branch	<b>2013235610</b>	ExxonMobil Upstream Research Company
<b>2013225610</b>	Byrne, J.	<b>2013235656</b>	Momentive Performance Materials Inc.
<b>2013225721</b>	The Regents of the University of California	<b>2013235666</b>	Momentive Performance Materials Inc.
<b>2013226166</b>	Gudpod Holdings, LLC	<b>2013235729</b>	Oxigene, Inc.; Baylor University
<b>2013226366</b>	Mystery Ranch Limited	<b>2013235782</b>	Biochemtex S.p.A.
<b>2013226637</b>	Roloro Limited	<b>2013235798</b>	Ideapaint, Inc.
<b>2013226640</b>	Absolute Equipment Pty Limited	<b>2013235809</b>	Telefonaktiebolaget L M Ericsson (publ)
<b>2013227427</b>	Elster Water Metering Limited	<b>2013235811</b>	Telefonaktiebolaget L M Ericsson (publ)
<b>2013227430</b>	Styliaras, V.	<b>2013236699</b>	JFE Steel Corporation
<b>2013228321</b>	Kaneka Corporation	<b>2013236726</b>	Sumitomo Metal Mining Co., Ltd.
<b>2013228672</b>	Kito Corporation	<b>2013236727</b>	Sumitomo Metal Mining Co., Ltd.
<b>2013229082</b>	KBA-NotaSys SA	<b>2013236890</b>	Zhejiang Chaoji Electric Tech. Co., Ltd.
<b>2013229509</b>	CeramTec GmbH	<b>2013236977</b>	Argo Medical Technologies Ltd.
<b>2013229526</b>	Securetec Detektions-Systeme AG	<b>2013236989</b>	Bromine Compounds Ltd.
<b>2013230230</b>	Facebook, Inc.	<b>2013237044</b>	Officine Maccaferri S.p.A.
<b>2013230638</b>	Burcon Nutrascience (MB) Corp.	<b>2013237096</b>	Fast Track Technologies Limited
<b>2013230648</b>	Simon Fraser University	<b>2013237178</b>	Courtflow Limited
<b>2013231976</b>	INO Therapeutics LLC	<b>2013237226</b>	Imperial Innovations Limited; Emory University
<b>2013231977</b>	Zyga Technology, Inc.	<b>2013237258</b>	Essilor International (Compagnie Generale d'Optique)
<b>2013232054</b>	Becton, Dickinson and Company	<b>2013237359</b>	Titan Wood Limited
<b>2013232059</b>	Becton, Dickinson and Company	<b>2013237405</b>	Eschenbrenner, P.
<b>2013232061</b>	Becton, Dickinson and Company	<b>2013237429</b>	Crucell Holland B.V.
<b>2013232291</b>	Advaxis, Inc.	<b>2013237496</b>	BASF SE
<b>2013232448</b>	The Regents of the University of Michigan		
<b>2013232729</b>	Climax Holdings Pty Limited		
<b>2013232733</b>	James Cook University		
<b>2013232847</b>	Quinspread Technologies Limited; Findlay, G.		

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2013237545	BASF SE	2013242931	Exeger Sweden AB
2013237561	BASF SE	2013242933	Exeger Sweden AB
2013237798	Michelin Recherche et Technique S.A.; Compagnie Generale des Etablissements Michelin	2013243037	Linde Aktiengesellschaft
2013237826	ImmunoGen, Inc.	2013243097	Novartis AG
2013237873	Shire Human Genetic Therapies, Inc.	2013243174	Klox Technologies Inc.
2013237900	Immune Design Corp.; Nicolai, C.; Tareen, S.	2013243265	Newport Brain Research Laboratory Inc.
2013238056	Roberts, R.	2013243271	Newport Brain Research Laboratory Inc.
2013238598	Yoshino Kogyosho Co., Ltd.	2013243272	Newport Brain Research Laboratory Inc.
2013238696	Nisshin Steel Co., Ltd.	2013243315	Bell Sports, Inc.
2013238851	JFE Steel Corporation	2013243381	Synta Pharmaceuticals Corp.
2013239018	JX Nippon Oil & Energy Corporation	2013243394	Robichaux, K.; Robichaux, T.; Mako Rentals, Inc.
2013239074	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2013243445	Geco Technology B.V.
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2013239189	Suez Environnement	2013243535	Zoetis LLC
2013239344	XPED Holdings Pty Ltd	2013243537	Zoetis LLC
2013239390	Jasey, B.; Tomc, J.	2013243540	Zoetis LLC
2013239411	Johnson Matthey Public Limited Company	2013243546	TheraJect, Inc.
2013239452	Weir Minerals Europe Limited	2013243557	Smith & Nephew, Inc.
2013239480	Clarke, T.; Clarke, T.	2013243584	Merrimack Pharmaceuticals, Inc.
2013239662	Vaccinex, Inc.	2013243635	AK Steel Properties, Inc.
2013239663	Synta Pharmaceuticals Corp.	2013243647	Google Inc.
2013239696	Cempra Pharmaceuticals, Inc.	2013243735	The Lubrizol Corporation
2013239864	Chef'n Corporation	2013243873	Halozyne, Inc.
2013239946	Veolia Water Solutions & Technologies Support	2013243885	PepsiCo, Inc.
2013239970	Rakib, S.; Hadani, R.	2013243920	Trustees of Boston University
2013239981	The United States Government as represented by the Department of Veterans Affairs; New York University	2013243976	Battelle Memorial Institute
2013240031	General Cable Technologies Corporation	2013243998	Illumina, Inc.
2013240053	Intercontinental Great Brands LLC	2013244075	Huhtamaki Molded Fiber Technology B.V.
2013240104	Pitco Frialator, Inc.	2013244860	Beacon Finland Ltd Oy
2013240131	Spottiswoode, S.; The Resource Group International, Ltd.; Chishti, Z.	2013244892	Shell Internationale Research Maatschappij B.V.
2013240139	Swenson, R.	2013244958	Lonza Ltd
2013240183	Pronutria, Inc.	2013245106	Sanofi-Aventis Deutschland GmbH
2013240191	Altor Bioscience Corporation	2013245326	Nestec S.A.
2013240209	Michelin Recherche et Technique S.A.; Compagnie Generale des Etablissements Michelin	2013245327	Nestec S.A.
2013240219	Neuropore Therapies, Inc.	2013245827	Littelfuse, Inc.
2013240234	Genentech, Inc.	2013245896	Microsoft Corporation
2013240289	Therabiome, LLC	2013246042	Nanocomp Technologies, Inc.
2013240306	Shire Human Genetic Therapies, Inc.	2013246091	Earth to Air Systems, LLC
2013240313	J.R. Simplot Company	2013246191	Dana Heavy Vehicle Systems Group, LLC
2013240456	University of Maryland	2013246231	Ethicon Endo-Surgery, Inc.
2013240459	ExxonMobil Upstream Research Company	2013246233	Ethicon Endo-Surgery, Inc.
2013240651	IPN IP B.V.	2013246235	Ethicon Endo-Surgery, Inc.
2013241002	Daiichi Sankyo Company, Limited	2013246236	Ethicon Endo-Surgery, Inc.
2013241036	Toray Industries, Inc.	2013246237	Ethicon Endo-Surgery, Inc.
2013241043	Toray Industries, Inc.	2013246238	Schlumberger Technology B.V.
2013241076	Taisho Pharmaceutical Co., Ltd.	2013246455	Halliburton Energy Services, Inc
2013241099	Aqua Therapeutics Co., Ltd.; Kyushu University National University Corporation	2013246460	Qualcomm Incorporated
2013241168	Unicharm Corporation	2013246882	Lubrizol Advanced Materials, Inc.
2013241252	Fujitsu Limited	2013246915	Managed Pressure Operations Pte. Ltd.
2013241285	Cosmo Oil Co., Ltd.; Japan Petroleum Exploration Co., Ltd.; Japan Oil, Gas and Metals National Corporation; JX Nippon Oil & Energy Corporation; Nippon Steel & Sumikin Engineering Co., Ltd.; Inpex Corporation	2013246982	BASF SE
2013241415	Unicharm Corporation	2013247051	BASF SE
2013241507	Santen Pharmaceutical Co., Ltd.	2013247058	Sanofi-Aventis Deutschland GmbH
2013241628	Nagravision S.A.	2013247452	Rosen, H.
2013241750	Arla Foods amba	2013247523	Dongbu Farm Hannong Co., Ltd.
2013241804	Alfa Laval Corporate AB	2013247652	Topy Kogyo Kabushiki Kaisha
2013241859	Dentsply IH AB	2013248988	Valspar Sourcing, Inc.
2013242010	Wavin B.V.	2013249004	Affirmation, LLC
2013242071	GEA Mechanical Equipment GmbH	2013249127	Carnegie Mellon University
2013242080	Nestec S.A.	2013249189	Schneider Electric Buildings LLC
2013242194	Evonik Industries AG	2013249191	Nogra Pharma Limited; University of Miami
2013242693	New Chinese Biotechnology Corporation Ltd.	2013249232	Novartis AG
		2013249867	Laitram, L.L.C.
		2013249909	Benefitfocus.com, Inc.
		2013250625	Kyorin Pharmaceutical Co., Ltd.
		2013250726	Advinus Therapeutics Limited
		2013250767	Ramot at Tel-Aviv University Ltd.; Quiet Therapeutics Ltd.
		2013251098	Siemens VAI Metals Technologies GmbH
		2013251457	Interactive Itelligence, Inc.
		2013251485	E. I. du Pont de Nemours and Company

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2013251862	Syngenta Limited
2013252488	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG
2013252525	Siemens Healthcare Diagnostics Inc.
2013252611	E. I. du Pont de Nemours and Company
2013252717	E. I. du Pont de Nemours and Company
2013252731	Baxter Healthcare SA; Baxter International Inc.
2013252814	Caterpillar Inc.
2013252864	QMotion Incorporated
2013254494	British American Tobacco (Investments) Limited
2013254751	Novartis AG
2013254753	Bayer CropScience AG
2013255116	Samsung Electronics Co., Ltd.
2013255458	Novartis AG
2013255556	Kimberly-Clark Worldwide, Inc.
2013255557	Kimberly-Clark Worldwide, Inc.
2013255558	Kimberly-Clark Worldwide, Inc.
2013256552	Ecolab USA Inc.; Pelkey, J.; Anderson, T.; Carlson, B.; Stahel, B.
2013256596	Genentech, Inc.
2013256760	Dow Global Technologies LLC.
2013256795	McPherson, J.; Covidien LP; Hanna, D.
2013256823	ExxonMobil Upstream Research Company
2013257220	Keilman, B.; Ecolab USA Inc.; Bangi, M.; Pelkey, J.; Carlson, B.; Lausted, M.; Anderson, T.
2013257943	Grunenthal GmbH
2013258014	Novartis AG
2013258332	ATLAS ELEKTRONIK GmbH
2013258354	akvolution GmbH
2013259087	Sony Corporation
2013260061	Halliburton Energy Services, Inc.
2013261258	Trelleborg Offshore U.K. Ltd
2013263249	The Boeing Company
2013264941	SRC, Inc.
2013266005	Dux Manufacturing Limited
2013266411	Nalco Company
2013266516	Danisco US Inc.
2013266875	Honda Motor Co., Ltd.
2013268604	Nippon Sprew CO., Ltd.
2013269800	F. Hoffmann-La Roche AG
2013272215	Imperial Innovations Limited; Los Alamos National Se- curity, LLC
2013272669	Vallourec Oil and Gas France; Nippon Steel & Sum- itomo Metal Corporation
2013272915	Kureha Corporation
2013274283	Illumina, Inc.
2013277778	United States Postal Service
2013279126	Zodiac Pool Care Europe
2013280209	Ansell Healthcare Products LLC
2013280222	Ansell Limited
2013283433	BIOTRONIK AG
2013283536	BIOTRONIK AG
2013283577	BIOTRONIK AG
2013295854	Intel Corporation
2013325154	Huntsman Petrochemical LLC
2013332435	Carey, J.
2013352456	Neonode Inc.
2013374788	Qingdao Chuanghui Industry Co., Ltd.
2014205484	Intel Corporation
2014227660	Cubist Pharmaceuticals, Inc.

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2013224628	2013234469 2013234470 2013236989	2013239480	2013239981	2013232729	
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2013228321 2013240313	2013235495 2013235496	2013239480	2012372049 2013224476 2013224590 2013239981 2013243271 2013243272	2013224959 2013225592 2013234499 2013234542 2013235038 2013235344 2013235345 2013235425 2013235487 2013235535 2013237226 2013239663 2013239696 2013240191 2013240219 2013240456 2013241076 2013241099 2013241507 2013243097 2013243174 2013243381 2013243506 2013243873 2013249191 2013250726 2013255458 2013258014 2013269800 2014227660	
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<b><u>A01K 71 /-</u></b>	<b><u>A23B 7 /-</u></b>	<b><u>A47F 1 /-</u></b>	<b><u>A61C 17 /-</u></b>		<b><u>A61K 47 /-</u></b>
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2013252488	2013240183	2013226166	2013235112		
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2013234469 2013234470 2013237545	2013224072 2013225341	2012375997 2013231977 2013234750 2013239390 2013243557 2013246231 2013246233 2013246235 2013246236 2013246237	2013234867	2013232729	2013225389 2013235483 2013237873 2013240289 2013241507 2013243546 2013243873 2013250767
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2013238598				<b><u>B08B 9 /-</u></b>	2012388807	<b><u>B60J 5 /-</u></b>	2013266875	<b><u>B65D 71 /-</u></b>	2013252731
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<b><u>A61M 21 /-</u></b>		<b><u>A61P 29 /-</u></b>	2013231976 2013241076	<b><u>B25J 9 /-</u></b>	2013236977	<b><u>B60T 8 /-</u></b>	2013246191	<b><u>B65D 81 /-</u></b>	2013245327
2013243265				<b><u>B29C 33 /-</u></b>	2013255557 2013255558	<b><u>B62D 25 /-</u></b>	2013266875	<b><u>B65D 83 /-</u></b>	2013256552
<b><u>A61M 25 /-</u></b>	2013224959 2013232733 2013234542 2013239663	<b><u>A61Q 15 /-</u></b>	2013232729	<b><u>B29C 43 /-</u></b>	2013238056	<b><u>B63B 19 /-</u></b>	2013244860	<b><u>B65D 85 /-</u></b>	2013244075
2013247058	2013239663 2013241002 2013241076	<b><u>A61Q 19 /-</u></b>	2013232729 2013255556 2013255557 2013255558	<b><u>B29C 45 /-</u></b>	2013224075	<b><u>B63B 3 /-</u></b>	2013247452	<b><u>B65G 1 /-</u></b>	2013226637
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<b><u>A61M 5 /-</u></b>				<b><u>B01D 53 /-</u></b>	2013224075	<b><u>B65B 1 /-</u></b>	2013234603	<b><u>B66B 5 /-</u></b>	2013235292
2013232054 2013232059 2013232061 2013243546 2013245106 2013247058			<b><u>A63B 71 /-</u></b>	2013243037	<b><u>B29C 45 /-</u></b>	<b><u>B65B 25 /-</u></b>	2013245327	<b><u>B66D 3 /-</u></b>	2013234581
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<u>C07C 337 /-</u>	2013250726	2013249232	2013255558	<u>C10M 111 /-</u>	2013241002
2013235729	2013269800	2013256596	<u>C09C 3 /-</u>	2013244892	2013266516
<u>C07C 37 /-</u>	<u>C07D 405 /-</u>	<u>C07K 7 /-</u>	2013248988	<u>C10M 157 /-</u>	<u>C12Q 1 /-</u>
2013224010	2013237226	2013246882	<u>C09D 163 /-</u>	2013243735	2013264941
<u>C07C 4 /-</u>	2013239663	<u>C08B 37 /-</u>	2013235798	<u>C10M 159 /-</u>	2013274283
2013243037	<u>C07D 409 /-</u>	2013234542	<u>C09D 175 /-</u>	2013234535	<u>C12R 1 /-</u>
<u>C07D 209 /-</u>	2013235425	<u>C08F 220 /-</u>	2013238696	<u>C10M 171 /-</u>	2012379589
2013241076	2013239663	2013233152	<u>C09D 183 /-</u>	2013244892	2013234542
<u>C07D 213 /-</u>	<u>C07D 413 /-</u>	2013247051	2013235798	<u>C10M 173 /-</u>	<u>C21B 13 /-</u>
2013244958	2013250726	<u>C08F 226 /-</u>	<u>C09D 201 /-</u>	2013234535	2013251098
	<u>C07D 417 /-</u>	2013247051	2013238696	<u>C10N 20 /-</u>	<u>C21C 5 /-</u>
	2013235038	<u>C08F 290 /-</u>	<u>C09D 4 /-</u>	2013244892	2013243635
		2013233152	2013235473	<u>C10N 30 /-</u>	<u>C22B 1 /-</u>
		2013233154		2013244892	2013236699
					2013236726



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<b><u>C22B 15/-</u></b>	<b><u>D21H 17/-</u></b>	<b><u>E21B 43/-</u></b>	<b><u>F04D 7/-</u></b>	<b><u>F21V 33/-</u></b>	<b><u>G01D 5/-</u></b>
2013236726	2013247051	2013246238 2013246455 2013272915	2013239452	2013224773	2013227427
<b><u>C22B 23/-</u></b>	<b><u>E01B 3/-</u></b>		<b><u>F15B 15/-</u></b>	<b><u>F21Y 105/-</u></b>	<b><u>G01F 1/-</u></b>
2013236726 2013236727	2013238056	<b><u>E21B 47/-</u></b>	2013226640	2013224773	2013227427
<b><u>C22B 3/-</u></b>	<b><u>E01F 13/-</u></b>	2013256823	<b><u>F15B 20/-</u></b>	<b><u>F24D 15/-</u></b>	<b><u>G01F 11/-</u></b>
2013236726 2013236727 2013256760	2013238056	<b><u>E21B 7/-</u></b>	2013226640	2013266005	2013254753
<b><u>C22C 19/-</u></b>	<b><u>E02D 13/-</u></b>	2013243394	<b><u>F16C 19/-</u></b>	<b><u>F24D 17/-</u></b>	<b><u>G01F 15/-</u></b>
2013241804	2013207241	<b><u>E21D 23/-</u></b>	2013226637	2013266005	2013227427
<b><u>C22C 23/-</u></b>	<b><u>E02D 17/-</u></b>	2012375986	<b><u>F16C 23/-</u></b>	<b><u>F24D 3/-</u></b>	<b><u>G01F 23/-</u></b>
2013241804	2013332435	<b><u>F01D 15/-</u></b>	2013234750	2013266005	2013240104
<b><u>C22C 38/-</u></b>	<b><u>E02D 29/-</u></b>	2012371202	<b><u>F16C 43/-</u></b>	<b><u>F24F 11/-</u></b>	<b><u>G01N 17/-</u></b>
2013283433 2013283536 2013283577	2013237044 2013237405	<b><u>F01K 17/-</u></b>	2013226637	2013266005	2013251485 2013252717
<b><u>C22C 38/-</u></b>	<b><u>E02D 3/-</u></b>	2012371202	<b><u>F16G 11/-</u></b>	<b><u>F24J 2/-</u></b>	<b><u>G01N 21/-</u></b>
2013243635	2013332435	<b><u>F01K 23/-</u></b>	2013228672	2012376491	2013224476 2013239411 2013243998 2013251485
<b><u>C22F 1/-</u></b>	<b><u>E02D 5/-</u></b>	2012371202	<b><u>F16G 3/-</u></b>	<b><u>F25B 13/-</u></b>	
2013283433 2013283577	2013332435	<b><u>F01K 3/-</u></b>	2013249867	2013246091	
<b><u>C23F 11/-</u></b>	<b><u>E03D 7/-</u></b>	2012371202	<b><u>F16H 13/-</u></b>	<b><u>F25B 15/-</u></b>	<b><u>G01N 27/-</u></b>
2013234535	2013374788	<b><u>F02B 31/-</u></b>	2013236890	2013227430	2013243976 2013252525 2013274283
<b><u>C23G 1/-</u></b>	<b><u>E04B 1/-</u></b>	2012374402	<b><u>F16L 1/-</u></b>	<b><u>F25B 30/-</u></b>	
2013234535	2013332435	<b><u>F02D 13/-</u></b>	2013261258	2013246091	<b><u>G01N 33/-</u></b>
<b><u>C25B 1/-</u></b>	<b><u>E04C 3/-</u></b>	2012374402	<b><u>F16L 15/-</u></b>	<b><u>F25B 43/-</u></b>	2013225592 2013229526 2013235567 2013237826 2013243976 2013251485 2013252525 2013264941
2013242194	2013332435	<b><u>F02D 41/-</u></b>	2013272669	2013246091	
<b><u>C25B 11/-</u></b>	<b><u>E04G 11/-</u></b>	2012374447	<b><u>F16L 17/-</u></b>	<b><u>F25D 17/-</u></b>	
2013242194	2013332435	<b><u>F02D 45/-</u></b>	2013225610	2013242698	
<b><u>C25B 9/-</u></b>	<b><u>E04H 4/-</u></b>	2012374447	<b><u>F16L 23/-</u></b>	<b><u>F25D 3/-</u></b>	<b><u>G01V 1/-</u></b>
2013242194	2013237525 2013279126	<b><u>F02P 5/-</u></b>	2013225610	2013239864	2012376843 2012380353 2013243445 2013258332
<b><u>D04B 1/-</u></b>	<b><u>E04H 6/-</u></b>	2012374447	<b><u>F16L 37/-</u></b>	<b><u>F25J 1/-</u></b>	
2013280222	2013238056	<b><u>F03B 13/-</u></b>	2013225610	2013240459	
<b><u>D04H 5/-</u></b>	<b><u>E06B 9/-</u></b>	2012371202	<b><u>F16L 55/-</u></b>	<b><u>F26B 11/-</u></b>	<b><u>G02B 1/-</u></b>
2013242933	2013223827 2013252864	<b><u>F03B 3/-</u></b>	2013242010	2013237359	2013235656
<b><u>D06M 11/-</u></b>	<b><u>E21B 17/-</u></b>	2012371202	<b><u>F16L 58/-</u></b>	<b><u>F26B 15/-</u></b>	<b><u>G02B 6/-</u></b>
2013252611 2013280222	2013243394 2013261258	<b><u>F03G 6/-</u></b>	2012388807	2013237359	2013223760
<b><u>D06M 15/-</u></b>	<b><u>E21B 21/-</u></b>	2012376491	<b><u>F16L 59/-</u></b>	<b><u>F27B 15/-</u></b>	<b><u>G02C 7/-</u></b>
2013280209	2013246915	<b><u>F04B 15/-</u></b>	2013223676	2013251098	2013237258
<b><u>D06M 17/-</u></b>	<b><u>E21B 34/-</u></b>	2013235782	<b><u>F21S 2/-</u></b>	<b><u>F42B 1/-</u></b>	<b><u>G05D 1/-</u></b>
2013252611	2013246455	<b><u>F04D 29/-</u></b>	2013224773	2013224075	2013234603 2013234705
		2013239452	<b><u>F21S 8/-</u></b>	<b><u>G01C 5/-</u></b>	
		2013224773	2013224773	2012375986	

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>G06F 1 /-</u></b>	<b><u>G11C 16 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H05B 33 /-</u></b>
2012374118 2013243647	2012375622	2012371226 2012374118 2013235426	2013232448
<b><u>G06F 11 /-</u></b>	<b><u>G11C 29 /-</u></b>		<b><u>H05K 7 /-</u></b>
2012375622 2013272215	2012375622	<b><u>H04L 25 /-</u></b>	2013255116
<b><u>G06F 12 /-</u></b>	<b><u>H01B 1 /-</u></b>	2013246236	
2012371226 2013295854	2013246042	<b><u>H04L 29 /-</u></b>	
<b><u>G06F 13 /-</u></b>	<b><u>H01B 11 /-</u></b>	2012371226 2013245896 2013263249 2013272215	
2012371226	2012377784 2013240031	<b><u>H04L 5 /-</u></b>	
<b><u>G06F 15 /-</u></b>	<b><u>H01B 9 /-</u></b>	2013235809	
2013237096 2013249909	2013240031	<b><u>H04M 11 /-</u></b>	
<b><u>G06F 17 /-</u></b>	<b><u>H01G 9 /-</u></b>	2012374062	
2013249909	2013242931 2013242933	<b><u>H04M 3 /-</u></b>	
<b><u>G06F 19 /-</u></b>	<b><u>H01J 49 /-</u></b>	2013240131	
2013234788	2013243976	<b><u>H04N 19 /-</u></b>	
<b><u>G06F 7 /-</u></b>	<b><u>H01L 29 /-</u></b>	2013246460	
2013352456	2013249127	<b><u>H04N 21 /-</u></b>	
<b><u>G06F 9 /-</u></b>	<b><u>H01L 31 /-</u></b>	2013241628	
2013237096 2013245896 2013295854	2013242194	<b><u>H04N 7 /-</u></b>	
<b><u>G06K 9 /-</u></b>	<b><u>H01L 51 /-</u></b>	2013241628	
2013277778	2013224773 2013232448	<b><u>H04W 12 /-</u></b>	
<b><u>G06Q 20 /-</u></b>	<b><u>H01R 13 /-</u></b>	2013239344 2013263249	
2013235387	2013223760	<b><u>H04W 16 /-</u></b>	
<b><u>G06Q 30 /-</u></b>	<b><u>H01R 24 /-</u></b>	2013259087	
2013277778	2013223760	<b><u>H04W 24 /-</u></b>	
<b><u>G06Q 50 /-</u></b>	<b><u>H01R 31 /-</u></b>	2012374304	
2013249909	2013223760	<b><u>H04W 4 /-</u></b>	
<b><u>G06T 15 /-</u></b>	<b><u>H02H 3 /-</u></b>	2013230230 2013239344 2013263249	
2013249004	2013245827	<b><u>H04W 64 /-</u></b>	
<b><u>G09B 19 /-</u></b>	<b><u>H02J 17 /-</u></b>	2013249189	
2013224590	2013241252 2014205484	<b><u>H04W 72 /-</u></b>	
<b><u>G09B 5 /-</u></b>	<b><u>H04B 1 /-</u></b>	2013235811 2013259087	
2013224590	2013239970 2013255116	<b><u>H04W 88 /-</u></b>	
<b><u>G10L 15 /-</u></b>	<b><u>H04B 3 /-</u></b>	2013230230	
2013251457	2012374062		
	<b><u>H04B 5 /-</u></b>		
	2013239344		

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*C08G 59/54* ( 2006.01 )  
*C08G 18/50* ( 2006.01 )  
*C08G 65/332* ( 2006.01 )  
*C08G 65/333* ( 2006.01 )  
*C08G 73/02* ( 2006.01 )  
*C09D 163/00* ( 2006.01 )  
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*B01J 37/02* ( 2006.01 )

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**(51)** Int. Cl.  
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**A61P 25/06** ( 2006.01 )  
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**B01J 21/04** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**C02F 11/10** ( 2006.01 )  
**C10G 1/08** ( 2006.01 )  
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**F01D 5/02** ( 2006.01 )  
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**F01D 5/14** ( 2006.01 )  
**F01D 9/02** ( 2006.01 )  
**F02C 6/18** ( 2006.01 )  
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**E02D 29/16** ( 2006.01 )  
**E02D 31/02** ( 2006.01 )  
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**A41C 3/10** ( 2006.01 )  
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**B29C 70/34** ( 2006.01 )  
**C08G 59/38** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**B29C 70/44** ( 2006.01 )  
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**F24F 1/16** ( 2011.01 )  
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 C12N 5/0781 ( 2010.01 )  
 G01N 33/15 ( 2006.01 )  
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(51) Int. Cl.  
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**C07K 16/28** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**(54)** User apparatus, base station apparatus and method  
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**H04B 1/707** ( 2006.01 )  
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**H04W 36/30** ( 2009.01 )  
**H04W 12/08** ( 2009.01 )  
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**G01N 21/35** ( 2006.01 )  
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**F03B 13/18** ( 2006.01 )  
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**C07K 14/435** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
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*C08J 3/20* ( 2006.01 )  
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**(51)** Int. Cl.  
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**C09D 171/00** ( 2006.01 )  
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**G06N 3/00** ( 2006.01 )  
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**B65C 9/46** ( 2006.01 )  
**G06F 17/30** ( 2006.01 )  
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**A61K 31/409** ( 2006.01 )  
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**A61P 17/00** ( 2006.01 )

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**H04W 16/00** ( 2009.01 )  
**H04W 36/04** ( 2009.01 )  
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**(74)** Madderns Patent & Trade Mark Attorneys

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**C07D 213/81** ( 2006.01 )  
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**B01D 15/02** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
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**C02F 9/00** ( 2006.01 )  
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**C02F 1/56** ( 2006.01 )  
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**H01L 23/495** ( 2006.01 )  
**H01L 23/36** ( 2006.01 )  
**H01L 23/66** ( 2006.01 )  
**H03F 3/19** ( 2006.01 )  
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**G06Q 40/00** ( 2012.01 )  
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**C02F 1/78** ( 2006.01 )  
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**A61H 33/00** ( 2006.01 )  
**B01D 35/00** ( 2006.01 )  
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**F16L 11/08** ( 2006.01 )  
**F16L 59/02** ( 2006.01 )  
**F16L 59/153** ( 2006.01 )  
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**H02K 5/173** ( 2006.01 )  
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 H04R 25/00 ( 2006.01 )  
 A61B 5/0482 ( 2006.01 )  
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 A61F 2/06 ( 2013.01 )  
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 A61F 2/95 ( 2013.01 )  
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 A62D 1/06 ( 2006.01 )  
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 C12N 1/20 ( 2006.01 )  
 C12P 7/06 ( 2006.01 )  
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 G01S 15/60 ( 2006.01 )  
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 61/162,651 23.03.09 US  
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 G01S 15/58 ( 2006.01 )  
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 (21) 2014203257 (22) 16.06.2014  
 (54) DEVICE FOR TESTING LOADING PERFORMANCE OF WHEELCHAIR MOTOR  
 (51) Int. Cl.  
 G01L 3/10 ( 2006.01 )  
 A61G 5/00 ( 2006.01 )  
 (31) 201410178565.9 (32) 30.04.14 (33) CN  
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 (74) Admiral Trademarks & Patents Services

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 A61B 17/03 ( 2006.01 )  
 (87) WO2011/139912  
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 61/397,604 14.06.10 US  
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 E04H 4/16 ( 2006.01 )  
 (87) WO2009/081038  
 (31) 0708996 (32) 21.12.07 (33) FR  
 (43) 02.07.2009  
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(71) ZODIAC POOL CARE EUROPE SAS  
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 (21) 2007217773 (22) 21.02.2007  
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*E04H 4/16* ( 2006.01 )  
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Moore, Michael Edward  
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<b>2007217773</b>	ZODIAC POOL CARE EUROPE SAS	<b>2009251120</b>	Veolia Water Solutions & Technologies Support
<b>2007353970</b>	Nordenia Deutschland Halle GmbH	<b>2009253285</b>	Construction Research & Technology GmbH
<b>2007355202</b>	Halos, P.; Halos, S.	<b>2009253633</b>	Synthesis Energy Systems, Inc.
<b>2008201842</b>	ITW Australia Pty Ltd	<b>2009253665</b>	FERAG AG
<b>2008203303</b>	Wacker Neuson Production Americas LLC	<b>2009255675</b>	Tolmar Therapeutics, Inc.
<b>2008222156</b>	Aoyama, Y.	<b>2009256463</b>	Rentech, Inc.
<b>2008228813</b>	Becton, Dickinson and Company	<b>2009257939</b>	Perry Slingsby Systems, Inc.
<b>2008232439</b>	Emory University	<b>2009258117</b>	Sangamo BioSciences, Inc.
<b>2008240306</b>	Serious Energy, Inc.	<b>2009258323</b>	Henri Peteri Beheer B.V.
<b>2008248904</b>	Baxter Healthcare S.A.; Baxter International Inc.	<b>2009260166</b>	Alphapharm Pty Ltd
<b>2008258705</b>	Nestec S.A.	<b>2009260834</b>	Given Imaging Inc
<b>2008261115</b>	Rohm and Haas Company	<b>2009262368</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2008264207</b>	Deere & Company	<b>2009269832</b>	BAE Systems plc
<b>2008275679</b>	Discgenics	<b>2009269833</b>	Pelamis Wave Power Limited
<b>2008279167</b>	PowerVision, Inc.	<b>2009270462</b>	ThyssenKrupp Uhde GmbH
<b>2008279240</b>	Crown Packaging Technology, Inc.	<b>2009273302</b>	Vita Zahnfabrik H. Rauter GmbH & Co. KG
<b>2008287427</b>	VasGene Therapeutics, Inc.	<b>2009275684</b>	Reckitt & Colman (Overseas) Limited
<b>2008289552</b>	The Schepens Eye Research Institute, Inc.	<b>2009275752</b>	Arkema France
<b>2008294753</b>	Boehringer Ingelheim Vetmedica, Inc.	<b>2009275790</b>	Trophos
<b>2008301859</b>	Medical Components, Inc.	<b>2009276043</b>	BSH Bosch und Siemens Hausgerate GmbH
<b>2008305738</b>	Fresenius Medical Care Holdings, Inc.	<b>2009278788</b>	Kimberly-Clark Worldwide, Inc.
<b>2008312404</b>	Stryker Corporation	<b>2009279362</b>	Technological Resources Pty. Limited
<b>2008318528</b>	SCHLAGE LOCK COMPANY	<b>2009282397</b>	Ekso Bionics, Inc.; The Regents of the University of California
<b>2008322867</b>	Centre National De La Recherche Scientifique; Deinove; Universite Montpellier 1	<b>2009286499</b>	Moredun Research Institute
<b>2008324971</b>	Robert Bosch GmbH	<b>2009289055</b>	Assa Abloy Australia Pty Limited
<b>2008329544</b>	Wavefront Biometric Technologies Pty Limited	<b>2009290755</b>	Agency for Science, Technology and Research
<b>2008332886</b>	King's College London; Guy's and St Thomas'NHS Foundation Trust	<b>2009292949</b>	TYRX Inc.
<b>2008332956</b>	Petrowell Limited	<b>2009293041</b>	L.B. Foster Rail Technologies, Inc.
<b>2008339700</b>	Zodiac Pool Care Europe	<b>2009293586</b>	Geco Technology B.V.
<b>2008349753</b>	Hettich-ONI GmbH & Co. KG	<b>2009296041</b>	Nestec S.A.
<b>2008350937</b>	The Trustees of the University of Pennsylvania	<b>2009301879</b>	Hochiki Corporation
<b>2008357684</b>	Concaten Inc.	<b>2009302232</b>	ROMAN CEMENT, LLC
<b>2008362215</b>	Telefonaktiebolaget L M Ericsson (publ)	<b>2009302684</b>	IGT
<b>2008363323</b>	Doheny Eye Institute	<b>2009304586</b>	Proscates Pty Ltd
<b>2009200873</b>	Thales Australia Limited	<b>2009307888</b>	Frye, D.
<b>2009201184</b>	Lion (Aust.) Consolidated Pty. Ltd.	<b>2009308192</b>	Gray & Company, Inc.
<b>2009202046</b>	General Electric Company	<b>2009313483</b>	Razor USA LLC
<b>2009202784</b>	The Raymond Corporation	<b>2009314986</b>	Shin-Etsu Chemical Co., Ltd.
<b>2009202809</b>	Covidien LP	<b>2009317576</b>	Eureka Navigation Solutions AG
<b>2009202834</b>	Deere & Company	<b>2009319257</b>	Nestec S.A.
<b>2009217348</b>	Loma Linda University Medical Center	<b>2009319701</b>	Dana-Farber Cancer Institute, Inc.; Emory University
<b>2009219989</b>	Imorphics Ltd; DePuy International Ltd; DePuy Orthopaedie GmbH	<b>2009319891</b>	Caterpillar Inc.
<b>2009220244</b>	Lantheus Medical Imaging, Inc.	<b>2009322175</b>	Takeda Vaccines, Inc.
<b>2009221399</b>	Bayer Crop Science AG	<b>2009322964</b>	Sangamo BioSciences, Inc.; Sigma Aldrich Company
<b>2009222585</b>	CENS Energy -Tech Co., Ltd	<b>2009324405</b>	Sanofi-Aventis Deutschland GmbH
<b>2009223061</b>	DepoMed Inc.	<b>2009327568</b>	Wexiodisk AB
<b>2009224095</b>	Friesland Brands B.V.	<b>2009328626</b>	Jomune Pty Limited
<b>2009224107</b>	Eide, T.	<b>2009329218</b>	Kimberly-Clark Worldwide, Inc.
<b>2009224690</b>	Biotest AG	<b>2009330290</b>	Gumm, D.
<b>2009225053</b>	LTS Lohmann Therapie-Systeme AG	<b>2009330680</b>	Crystal Lagoons (Curacao) B.V.
<b>2009227572</b>	Kimberly-Clark Worldwide, Inc.	<b>2009334349</b>	Koninklijke Philips Electronics N.V.
<b>2009227681</b>	Butters, B.; Powell, A.	<b>2009335579</b>	EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H.
<b>2009227722</b>	ConvaTec Technologies Inc	<b>2009335858</b>	Coatings Foreign IP Co. LLC
<b>2009228282</b>	Amicable Inventions LLC	<b>2009335963</b>	GRACO MINNESOTA INC.
<b>2009233204</b>	AJINOMOTO CO., INC.	<b>2009341627</b>	SCA Hygiene Products AB
<b>2009234512</b>	TCO AS	<b>2009344150</b>	The University of Melbourne
<b>2009236789</b>	Vereniging voor christelijk hoger onderwijs, wetenschappelijk onderzoek en patientenzorg	<b>2009344210</b>	SCA Hygiene Products AB
<b>2009240888</b>	Genomix Co., Ltd.; Osaka University	<b>2009349094</b>	Nagaki Seiki Co., Ltd.
<b>2009243195</b>	Xyleco, Inc.	<b>2009351410</b>	RAG AKTIENGESSELLSCHAFT
<b>2009244125</b>	Euro-Pro Operating, LLC	<b>2010200532</b>	Ishida Co., Ltd.
<b>2009244148</b>	BioMarin Pharmaceutical Inc.	<b>2010201641</b>	Assa Abloy Australia Pty Limited
<b>2009244208</b>	MILWAUKEE ELECTRIC TOOL CORPORATION	<b>2010202665</b>	Honeywell International Inc.
<b>2009249784</b>	Inventio AG	<b>2010203037</b>	Siemens Rail Automation Holdings Limited
<b>2009250108</b>	Electrolux Home Products Corporation N.V.	<b>2010203297</b>	Halliburton Energy Services, Inc.
		<b>2010205618</b>	Subsea 7 Limited

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2010206320	Outotec Oyj		
2010206500	Commonwealth Scientific and Industrial Research Organisation		
2010209814	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT		
2010212263	Cooper Technologies Company		
2010212378	Honeywell International Inc.		
2010214733	Alliant Techsystems Inc.		
2010215729	Salzgitter Mannesmann Line Pipe GmbH		
2010218507	Forlong & Maisey Limited T/A Instrument Supplies		
2010220201	Britannia Engineering (Isle of Man) Limited		
2010220792	OPTIMUM PRODUCTION TECHNOLOGIES INC.		
2010223154	Bigtec Private Limited		
2010224515	Braun GmbH		
2010225069	SAES Getters S.P.A.		
2010226313	Sangamo BioSciences, Inc.		
2010228525	Suntory Holdings Limited		
2010228934	Abbott Laboratories		
2010228967	YSI Incorporated		
2010229239	CROWN EQUIPMENT CORPORATION		
2010231243	Roquette Freres		
2010231883	Kabushiki Kaisha Yakult Honsha		
2010232148	Keio University; Daiichi Sankyo Company, Limited		
2010232745	Ogin, Inc.		
2010233418	Koninklijke Philips Electronics N.V.		
2010234334	Faulstich, H.; Deutsches Krebsforschungszentrum		
2010235193	OCEAN POWER TECHNOLOGIES, INC.		
2010236732	EchoStar Technologies LLC		
2010238629	AlphaMicron, Inc.		
2010239161	iCeutica Pty Ltd		
2010241186	Kraft Foods R & D, Inc.		
2010241300	WMS Gaming Inc.		
2010241987	Finishing Brands Holdings Inc.		
2010242042	Dow AgroSciences, LLC		
2010243738	Sanofi-Aventis Deutschland GmbH		
2010244214	DePuy International Limited		
2010246512	Hansen Transmissions International, naamloze vennootschap		
2010247785	Microsoft Corporation		
2010249043	Gilead Sciences, Inc.		
2010251076	Gilardi, P.		
2010251156	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG		
2010251761	Bioproperties Pty Ltd; THE UNIVERSITY OF MELBOURNE		
2010252579	Tetra Laval Holdings & Finance S.A.		
2010253923	Microsoft Corporation		
2010257426	Engineering Fitness International Corporation		
2010258627	M&G U.S.A. Corporation		
2010259309	NEURONANO AB		
2010261352	North-West University		
2010262753	Johnson, V.		
2010266266	LifeCell Corporation		
2010270024	Cadbury UK Limited		
2010270291	Fundacion Centro Nacional de Investigaciones Oncologicas Carlos III		
2010271044	ExxonMobil Research and Engineering Company		
2010273188	Coopers Brewery Limited		
2010274583	Flometrica Ltd.		
2010274945	Stepan Company		
2010275302	Intervet International B.V.		
2010277556	Ascendis Pharma AS		
2010279705	Visa International Service Association		
2010280561	Deep Tek IP Limited		
2010282202	Isona Australia Pty Ltd		
2010283453	HORPHAG RESEARCH IP (PYC) LTD.		
2010286046	Technion Research & Development Foundation Ltd.		
2010288620	Store Electronic Systems		
2010292987	Halok Pty Ltd		
2010294405	Albemarle Europe SPRL		
2010294603	Bayer CropScience AG		
2010295497	Sanofi Pasteur, Inc.; The United States of America as represented by the Secretary of the Army, on behalf		
		2010298733	of Walter Reed Army Institute of Research; Ministry of Public Health; Global Solutions for Infectious Diseases
		2010299386	Intarcia Therapeutics, Inc.
		2010305343	Panasonic Corporation
		2010305642	DSM IP Assets B.V.
		2010306903	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
		2010308644	Airbiquity Inc.
		2010316573	West Drilling Products AS
		2010317607	RINNAI CORPORATION
		2010319344	CETO IP Pty Ltd
		2010322155	Ab Initio Technology LLC
		2010325161	Hobart Brothers Company
		2010326726	Cyril Bath Company
		2010326857	Lando, R.
		2010330327	Sanofi-Aventis Deutschland GmbH
		2010330697	Sika Technology AG
		2010332534	Nitro Pty Limited
		2010334541	Wellstream International Limited
		2010334587	Coatex SAS; Omya International AG
		2010336024	Cytec Technology Corp
		2010337597	Nibiru Pty Ltd
		2010339464	FUJIFILM Corporation
		2010339592	Ventana Medical Systems, Inc.
		2010340892	Baker Hughes Incorporated
		2010350079	CeramTec GmbH
			ESK Ceramics GmbH & Co. KG; Maersk Olie OG Gas AS
		2010350741	Apple Inc.
		2010350745	Apple Inc.
		2010351604	Watkins Manufacturing Corporation
		2010357695	Halliburton Energy Services, Inc.
		2010361200	Implantdent Co., Ltd.
		2010361699	Wartsila Finland Oy
		2011201174	Nelson Irrigation Corporation
		2011202181	University of Tennessee Research Foundation
		2011202581	Halliburton Energy Services, Inc.
		2011202783	Skyhook Wireless, Inc.
		2011202886	General Electric Company
		2011202989	General Electric Company
		2011203273	Lennox Industries Inc.
		2011204951	Siemens Aktiengesellschaft
		2011205302	Glaxo Group Limited
		2011205611	HALLIBURTON ENERGY SERVICES, INC.
		2011208546	Thiriet
		2011208707	Nestec S.A.
		2011210326	Ranbaxy Laboratories Limited
		2011210611	Google Inc.
		2011212927	Signal Pharmaceuticals, LLC
		2011213195	ATI PROPERTIES, INC.
		2011217784	BioMimetic Therapeutics, Inc.
		2011218651	ViaSat, Inc.
		2011219677	SANDVIK MINING AND CONSTRUCTION OY
		2011221606	Sandvik Intellectual Property AB
		2011222448	Amiad Water Systems Ltd.
		2011222950	Nestec S.A.
		2011224077	IGT
		2011224534	Dana-Farber Cancer Institute, Inc.
		2011224641	VMware, Inc.
		2011226658	Microsoft Corporation
		2011227308	Invacare Corporation
		2011228213	Toray Industries, Inc.
		2011229139	Automatic Technology (Australia) Pty Ltd
		2011231340	Petrowell Limited
		2011232304	Innovia Security Pty Ltd
		2011234002	Ecolab USA Inc.
		2011235170	Columbia Insurance Company; Leifheit AG
		2011235955	FE Technologies Pty Ltd
		2011238170	Outotec Oyj
		2011244927	BISSELL Homecare, Inc.
		2011245307	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
		2011248129	Alcon Research, Ltd.

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2011248462	Zipline Medical, Inc.	2011383784	ESAB AB
2011249783	Novartis AG	2012200263	The Boeing Company
2011252335	Mayer, H.	2012200459	Citrix Systems, Inc.
2011253702	Schneider Electric Industries SAS	2012200946	Morris Industries Ltd.
2011253703	XSLENT Energy Technologies, LLC	2012200972	Cequent Performance Products, Inc
2011253753	Columbia Steel Casting Co., Inc.	2012200996	Qualcomm Incorporated
2011253786	QLT Inc.	2012201130	CGGVeritas Services (U.S.) Inc.
2011255225	Halliburton Energy Services, Inc.	2012201250	InterDigital Technology Corporation
2011256173	JOSEPH COMPANY INTERNATIONAL, INC.	2012201289	Joy MM Delaware, Inc.
2011256838	Sangamo BioSciences, Inc.	2012201796	Reutlinger Australia Pty Ltd
2011257975	Apple Inc.	2012202500	Accenture Global Services Limited
2011258080	Avidbiotics Corp.	2012202538	AMSTED Rail Company, Inc.
2011261132	ShawCor Ltd.	2012202587	Altaca Insaat ve Dis Ticaret A.S.
2011262334	Kimberly-Clark Worldwide, Inc.	2012202827	IGT
2011262335	Kimberly-Clark Worldwide, Inc.	2012203017	Nationwide Children's Hospital, Inc.
2011263774	ABB Research Ltd	2012203219	G. Pohl-Boskamp GmbH & Co. KG
2011264061	Tegometall International AG	2012203232	Rexahn Pharmaceuticals, Inc.
2011265608	William A. Cook Australia Pty. Ltd.; Cook Medical Technologies LLC; The Cleveland Clinic Foundation	2012203310	Honda Motor Co., Ltd.
2011267625	Huawei Technologies Co., Ltd.	2012203337	Fujitsu Limited
2011267764	Nautilus Minerals Pacific Pty Ltd	2012203388	Logined B.V.
2011269068	Senspec GmbH	2012203628	Assembly Electronics Pty Ltd
2011270833	Johnson & Johnson Consumer Companies, Inc.	2012203944	Siemens Rail Automation Pty. Ltd.
2011270871	Spenco Medical Corporation	2012204083	Endorecherche, Inc.
2011273726	Sanofi-Aventis Deutschland GmbH	2012204117	Google Inc.
2011274297	Polymers CRC Limited	2012205180	Beth Israel Deaconess Medical Center, Inc.; The Brigham and Women's Hospital, Inc.
2011280958	President and Fellows of Harvard College; Massachusetts Institute of Technology	2012211309	Baxter Healthcare S.A.; Baxter International Inc.
2011281237	Mocoffee AG	2012212407	Waterco Limited
2011282862	Ergotron, Inc.	2012215184	BAE SYSTEMS plc
2011283164	McAfee, Inc.	2012216334	Google Inc.
2011284547	Halliburton Energy Services, Inc.	2012216598	Kingsdown, Inc.
2011288536	F. Hoffmann-La Roche AG	2012216600	Kingsdown, Inc.
2011288653	Nomad Bioscience GmbH	2012220348	Scantech International Pty Ltd
2011291825	Kabushiki Kaisha Toshiba	2012226303	3M Innovative Properties Company
2011300445	Pfizer Inc.	2012227217	Beijing XiangTian Huachuang Aerodynamic Force Technology Research Institute Company Limited
2011301155	International Scientific Pty Ltd.	2012227337	Keio University; Daiichi Sankyo Company, Limited
2011301570	Xi'an J & R Fire Fighting Equipment Co., Ltd.	2012230309	F. Hoffmann-La Roche AG
2011302774	LG Electronics Inc.	2012230538	Unilever PLC
2011304473	BSH Bosch und Siemens Hausgerate GmbH	2012234965	Honda Motor Co., Ltd.
2011304689	Huber+Suhner AG	2012236367	Curis, Inc.
2011305212	YSI Incorporated	2012239859	ResMed Limited
2011306707	Halliburton Energy Services Inc.	2012241073	CUPP Computing AS
2011307395	Geco Technology B.V.	2012241109	Nuvo Ventures LLC
2011307444	Microsoft Corporation	2012243778	IHI Corporation
2011308095	RESMED LIMITED	2012247462	Welltec A/S
2011309905	B&D Electromedical Limited	2012247704	Gambro Lundia AB
2011311800	PPG Industries Ohio, Inc.	2012251464	BAE Systems PLC
2011312562	Sangamo BioSciences, Inc.	2012254959	LG Electronics Inc.
2011313735	Mediatek Inc.	2012256163	Bausch & Lomb Incorporated
2011317676	FLSmidth A/S	2012258928	PPG Industries Ohio, Inc.
2011318229	Curtin University of Technology	2012261589	Shin-Etsu Chemical Co., Ltd.
2011318240	Punch Fold Tuck Pty Ltd	2012261590	Shin-Etsu Chemical Co., Ltd.
2011318254	Byron Food Science Pty Limited	2012264448	Speedo International Limited
2011318496	Microsoft Corporation	2012268477	Komatsu Ltd.
2011320774	Complete Genomics, Inc.	2012268720	Chevron U.S.A. Inc
2011323008	Heraeus Electro-Nite International N.V.	2012268914	Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences
2011323172	Lawrence Equipment, Inc.	2012282775	Halliburton Energy Services, Inc.
2011323985	Microsoft Corporation	2012286580	iRO Lenses Limited
2011325982	Endocyte, Inc.	2012311262	The Chinese University of Hong Kong
2011325989	Endocyte, Inc.	2012318268	Curvessence Pty Ltd
2011328117	SoftAlarm AB	2012320924	Borealis AG
2011332330	DeLaval Holding AB	2012321038	Thales Australia Limited
2011346187	Mitsubishi Electric Corporation	2012325411	Pan, Z.
2011346794	Eurojet Medical Kft.	2012326106	Herzog Railroad Services, Inc.
2011346882	HALLIBURTON ENERGY SERVICES, INC.	2012337240	BSN Medical, Inc.
2011354719	Illumina, Inc.	2012347734	Raytheon Company
2011358172	Widex A/S	2012355482	Colgate-Palmolive Company
2011369484	Colgate-Palmolive Company	2012361651	Daikin Industries, Ltd.
2011373248	Hewlett-Packard Development Company, L.P.	2012371678	Colgate-Palmolive Company
2011379557	Halliburton Energy Services, Inc.	2012372155	Komatsu Ltd.
2011381084	Halliburton Energy Services, Inc.		

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2013200117 NTT DOCOMO, INC.  
2013200304 NTT DOCOMO, INC.  
2013200332 SpineCore, Inc.  
2013200566 OncoTherapy Science, Inc.  
2013200629 Sener, Ingenieria Y Sistemas, S.A.  
2013200878 3M Innovative Properties Company  
2013201203 Sunesis Pharmaceuticals, Inc.  
2013201348 Shell Internationale Research Maatschappij B. V.  
2013201399 Ainsworth Game Technology Limited  
2013201617 Pfizer Inc.  
2013201642 Shell Internationale Research Maatschappij B.V.  
2013201825 Mitsubishi Heavy Industries, Ltd.  
2013201862 CGGVeritas Services SA  
2013201993 Novartis AG  
2013202105 LINCOLN UNIVERSITY  
2013202400 INSTITUTE FOR RESEARCH IN BIOMEDICINE  
2013202410 INSTITUTE FOR RESEARCH IN BIOMEDICINE  
2013203304 Novartis Vaccines and Diagnostics S.r.l.  
2013203697 Tenacta Group S.p.A.  
2013203975 Byron Food Science Pty Limited  
2013204274 BIOSENSE WEBSTER (ISRAEL), LTD.  
2013204458 United Video Properties, Inc.  
2013204463 United Video Properties, Inc.  
2013204477 United Video Properties, Inc.  
2013204490 United Video Properties, Inc.  
2013206618 CURTIS, M.R.E.  
2013207664 Google Inc.  
2013208256 Neonode Inc.  
2013213279 Kramer Electronics Ltd.  
2013216593 Iconic Worldwide Gaming Limited  
2013219525 Daikin Industries, Ltd.  
2013221964 CEAG Notlichtsysteme GmbH  
2013231042 Otta, G.  
2013231053 Konami Gaming, Inc.  
2013231115 Thoratec Corporation  
2013233747 Nippon Gas Co., Ltd.  
2013257418 JFE STEEL CORPORATION  
2013270444 Australian Biotechnologies Pty. Limited  
2013344338 Kim, J.; NUC Electronics Co., Ltd.  
2014203257 ZHEJIANG LINIX MOTOR CO., LTD.  
2014213551 RealD Inc.

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2012200946	2011318254 2013203975	2012203628 2013213279	2008363323 2009217348 2009219989	2011369484		
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2009202834	2009224095 2010231883	2013203697	2008329544	2009255675 2009260166 2009275790 2009290755 2009296041 2009319701 2009344150 2010249043 2010275302 2010283453 2011205302 2011210326 2011212927 2011253786 2011288536 2012203219 2012203232 2012204083 2012211309 2012236367 2012355482 2013201203 2013201993	2010270291	<b><u>A61K 49 /-</u></b>
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2010305642	2011208707	2012216598 2012216600	2010233418 2010259309 2010274583 2010282202 2011269068 2011358172 2012230309 2013204274		<b><u>A61K 8 /-</u></b>	
<b><u>A01J 25 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A47F 5 /-</u></b>			2010228525 2011270833 2012355482	
2010252579	2011208707	2011264061				
<b><u>A01J 5 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A47J 19 /-</u></b>			<b><u>A61K 9 /-</u></b>	
2011332330	2010241186	2013344338			2009223061 2009225053 2009255675 2010239161 2010277556 2010298733 2011248129	
<b><u>A01K 67 /-</u></b>	<b><u>A23K 1 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 8 /-</u></b>			
2009240888 2009322964	2009233204	2008258705 2011222950 2011281237	2010282202			
<b><u>A01N 25 /-</u></b>	<b><u>A23L 1 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61C 13 /-</u></b>			
2010242042 2010294603 2012261589 2012261590	2009221399 2009224095 2009296041 2009319257 2010228525	2011235170	2009273302		<b><u>A61L 15 /-</u></b>	
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2010242042	2009296041	2010351604	2010361200			
<b><u>A01N 43 /-</u></b>	<b><u>A41C 3 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61F 13 /-</u></b>		<b><u>A61L 17 /-</u></b>	
2010242042 2010294603 2012261589	2009307888 2012318268	2011262334 2011262335	2009329218 2009341627 2009344210		2009292949	
<b><u>A01N 47 /-</u></b>	<b><u>A42B 1 /-</u></b>	<b><u>A47L 13 /-</u></b>	<b><u>A61F 2 /-</u></b>		<b><u>A61L 2 /-</u></b>	
2010294603	2011318240	2008279167 2009219989 2009282397 2010244214 2010266266 2011265608 2013200332	2010283453		2013270444	
<b><u>A01N 51 /-</u></b>	<b><u>A43B 17 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61K 36 /-</u></b>		<b><u>A61L 27 /-</u></b>	
2010294603	2011270871	2009244125 2011301155	2010283453		2009240888 2009292949 2010340892	
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2010242042	2011270871	2009276043 2009327568	2008289552 2009255675 2009344150 2010298733 2011217784 2011256838 2013200566		2008363323 2013231115	
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2013202105	2012264448	2009260834	2012337240		2010233418 2011308095 2011309905 2012239859	
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2010242042 2010294603	2009201184	2010274583	2008312404		2009334349	
<b><u>A21B 3 /-</u></b>	<b><u>A46B 5 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61G 12 /-</u></b>		<b><u>A61M 25 /-</u></b>	
2009250108	2010224515 2012371678	2009219989 2009290755 2010244214 2010266266 2011248462 2013200332	2008312404		2008301859	
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2011323172	2012371678		2014203257		2008301859	
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			2009282397		2009324405	
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			2010351604			
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2010298733					2012268477
2010326857	2012355482	2011245307	<b><u>B23K 103 /-</u></b>	2010270024	<b><u>B60R 16 /-</u></b>
2011273726	<b><u>A61Q 17 /-</u></b>	2013201825			
2012230309			2008222156	<b><u>B32B 5 /-</u></b>	2012234965
<b><u>A61N 1 /-</u></b>	2012355482	<b><u>B01J 2 /-</u></b>	<b><u>B23K 11 /-</u></b>	2011232304	<b><u>B60R 21 /-</u></b>
					2012268477
2010259309	<b><u>A61Q 19 /-</u></b>	2009262368	2008222156	<b><u>B32B 7 /-</u></b>	2012268477
		2010203297			
<b><u>A61N 5 /-</u></b>	2011270833	<b><u>B01J 21 /-</u></b>	<b><u>B23K 9 /-</u></b>	2011232304	<b><u>B60R 9 /-</u></b>
					2013231042
2009334349	<b><u>A62B 18 /-</u></b>	2012202587	2011383784	<b><u>B41M 5 /-</u></b>	2013231042
2011253786					
	2013200878	<b><u>B01J 23 /-</u></b>	<b><u>B25D 17 /-</u></b>	2011373248	<b><u>B60T 8 /-</u></b>
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	<b><u>A62D 1 /-</u></b>	2009256463	2009244208	<b><u>B41N 1 /-</u></b>	2009317576
2012204083		2010294405			
	2011301570	<b><u>B01J 27 /-</u></b>	<b><u>B26F 1 /-</u></b>	2010337597	<b><u>B61K 3 /-</u></b>
<b><u>A61P 17 /-</u></b>	<b><u>A63B 49 /-</u></b>				2009293041
		2009256463	2010270024	<b><u>B41N 3 /-</u></b>	2009293041
2011253786		2010294405			
	2010262753		<b><u>B27G 15 /-</u></b>	2010337597	<b><u>B61L 15 /-</u></b>
<b><u>A61P 25 /-</u></b>	<b><u>A63B 53 /-</u></b>	<b><u>B01J 37 /-</u></b>	2008324971	<b><u>B60B 1 /-</u></b>	2009317576
					2009317576
2009220244	2010262753	2009256463	<b><u>B28B 1 /-</u></b>	2012200972	<b><u>B61L 19 /-</u></b>
2009260166		2010294405			2010203037
2009275790	<b><u>A63B 59 /-</u></b>		2011238170	<b><u>B60C 23 /-</u></b>	2010203037
2011288536		<b><u>B01J 6 /-</u></b>	<b><u>B28B 11 /-</u></b>	2009319891	<b><u>B61L 25 /-</u></b>
<b><u>A61P 3 /-</u></b>	2010262753				2009317576
	<b><u>A63B 69 /-</u></b>	2010206320	2009335579	<b><u>B60D 1 /-</u></b>	2009317576
2010298733					
	2010257426	<b><u>B01J 8 /-</u></b>	<b><u>B28B 7 /-</u></b>	2012200972	<b><u>B61L 5 /-</u></b>
<b><u>A61P 31 /-</u></b>	2010262753			2013231042	2010203037
		2010206320	2011238170	<b><u>B60H 1 /-</u></b>	2010203037
2008294753	<b><u>A63F 13 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B29B 7 /-</u></b>		<b><u>B62D 13 /-</u></b>
2010249043				2013231053	2011219677
2010251761	2010241300	2011354719	2010241987	<b><u>B60K 35 /-</u></b>	2011219677
2013203304	2011224077				<b><u>B62D 53 /-</u></b>
<b><u>A61P 35 /-</u></b>	2013231053	<b><u>B01L 9 /-</u></b>	<b><u>B29B 9 /-</u></b>	2012203310	2011219677
					2012200972
2009220244	<b><u>B01D 1 /-</u></b>	2011354719	2009335579	<b><u>B60L 1 /-</u></b>	2012200972
2009319701					
2010234334	2011252335	<b><u>B05B 11 /-</u></b>	<b><u>B29C 55 /-</u></b>	2013231053	<b><u>B62J 6 /-</u></b>
2011249783	<b><u>B01D 15 /-</u></b>				2012234965
2011300445		2010218507	2009278788	<b><u>B60L 11 /-</u></b>	2012234965
2012203232	2009251120	<b><u>B05B 12 /-</u></b>	<b><u>B29C 70 /-</u></b>		
2013200566	2009290755			2013231053	<b><u>B62K 11 /-</u></b>
2013201617	<b><u>B01D 21 /-</u></b>	2009335963	2010334587	<b><u>B60L 3 /-</u></b>	2009313483
2013201993		2011201174			
<b><u>A61P 37 /-</u></b>	2009330680	<b><u>B05B 7 /-</u></b>	<b><u>B29D 7 /-</u></b>	2013231053	<b><u>B62M 1 /-</u></b>
					2009313483
2009224690	<b><u>B01D 29 /-</u></b>	2010241987	2009278788	<b><u>B60N 2 /-</u></b>	2009313483
2009344150					
2010228525	2011222448	<b><u>B05D 1 /-</u></b>	<b><u>B32B 13 /-</u></b>	2011227308	<b><u>B62M 23 /-</u></b>
<b><u>A61P 43 /-</u></b>	<b><u>B01D 35 /-</u></b>			2013231042	2009313483
		2011301155	2010292987	<b><u>B60P 1 /-</u></b>	2009313483
2010228525	2010351604	<b><u>B07B 1 /-</u></b>	<b><u>B32B 27 /-</u></b>		<b><u>B62M 7 /-</u></b>
2010234334	<b><u>B01D 46 /-</u></b>			2009202834	2009313483
<b><u>A61P 5 /-</u></b>		2011221606	2009275752		
	2009253633	<b><u>B08B 9 /-</u></b>	2010258627	<b><u>B60P 7 /-</u></b>	2009313483
2012204083					
	<b><u>B01D 47 /-</u></b>	2010336024	<b><u>B32B 33 /-</u></b>	2009224107	<b><u>B63B 21 /-</u></b>
<b><u>A61P 9 /-</u></b>					2009269833
	2013201348	<b><u>B21D 31 /-</u></b>	2011232304	<b><u>B60Q 1 /-</u></b>	2009269833
2010283453					
2012203219	<b><u>B01D 51 /-</u></b>	2010325161	<b><u>B32B 37 /-</u></b>	2012234965	<b><u>B63B 27 /-</u></b>
2012211309					2009269833
	2009253633	<b><u>B22F 9 /-</u></b>	2010270024	<b><u>B60R 1 /-</u></b>	2010205618

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<b>B63C 11 /-</b>	2013233747	<b>C02F 9 /-</b>	2010249043	<b>C07K 19 /-</b>	2010258627
2009293586	<b>B65H 29 /-</b>	2010209814	2012203232	2009244148	<b>C08L 23 /-</b>
2011267764	2009253665	<b>C04B 22 /-</b>	<b>C07D 413 /-</b>	2010295497	2009275752
<b>B63C 7 /-</b>	<b>B65H 39 /-</b>	2011346882	2010249043	<b>C07K 2 /-</b>	2011274297
2009328626	2009253665	<b>C04B 24 /-</b>	<b>C07D 417 /-</b>	2009258117	<b>C08L 51 /-</b>
<b>B63C 9 /-</b>	<b>B66B 23 /-</b>	2011284547	2010249043	<b>C07K 7 /-</b>	2009275752
2009328626	2009249784	2011346882	<b>C07D 491 /-</b>	2013200566	<b>C08L 63 /-</b>
<b>B63H 23 /-</b>	<b>B66C 13 /-</b>	<b>C04B 26 /-</b>	2012203232	<b>C08F 10 /-</b>	2010334587
2010361699	2010280561	2010330327	<b>C07D 495 /-</b>	2009275752	<b>C09C 1 /-</b>
<b>B64F 1 /-</b>	<b>B66D 1 /-</b>	<b>C04B 28 /-</b>	2010249043	2011274297	2009335858
2010322155	2010280561	2009253285	<b>C07D 501 /-</b>	2012320924	2010334541
<b>B65B 1 /-</b>	<b>B66D 3 /-</b>	2009302232	2010275302	<b>C08F 110 /-</b>	<b>C09D 133 /-</b>
2010200532	2010205618	2010330327	<b>C07H 21 /-</b>	2011274297	2008261115
<b>B65C 9 /-</b>	<b>B66F 17 /-</b>	2011284547	2009258117	<b>C08F 2 /-</b>	<b>C09D 163 /-</b>
2009304586	2009202784	2011346882	2012203017	2010206500	2012226303
<b>B65D 1 /-</b>	<b>B66F 9 /-</b>	<b>C04B 35 /-</b>	<b>C07H 3 /-</b>	2012320924	<b>C09D 167 /-</b>
2008279240	2009202784	2010340892	<b>C07J 41 /-</b>	2009275752	2011311800
<b>B65D 30 /-</b>	<b>B67C 3 /-</b>	<b>C04B 40 /-</b>	2010330327	<b>C08F 297 /-</b>	<b>C09D 171 /-</b>
2007353970	2010273188	2011306707	2011306707	2012320924	2012258928
<b>B65D 33 /-</b>	<b>B67C 9 /-</b>	<b>C04B 5 /-</b>	<b>C07J 43 /-</b>	<b>C08F 6 /-</b>	<b>C09D 175 /-</b>
2007353970	2010273188	2009262368	2009275790	2012320924	2011311800
<b>B65D 47 /-</b>	<b>B67D 1 /-</b>	<b>C07C 329 /-</b>	<b>C07K 1 /-</b>	<b>C08G 18 /-</b>	<b>C09D 177 /-</b>
2010218507	2010273188	2009262368	2009275790	2011311800	2010215729
<b>B65D 75 /-</b>	<b>B82B 1 /-</b>	2010206500	<b>C07K 14 /-</b>	2012226303	<b>C09D 7 /-</b>
2007353970	2008232439	2010206500	<b>C07C 41 /-</b>	<b>C08G 59 /-</b>	2011232304
2010270024	<b>B82Y 99 /-</b>	2012268914	2012268914	2010334587	<b>C09J 105 /-</b>
2011369484	2011232304	<b>C07D 213 /-</b>	2008248904	2012226303	2009202809
2012247704	<b>C01B 15 /-</b>	2011205302	2008350937	2012258928	<b>C09J 163 /-</b>
<b>B65D 77 /-</b>	<b>C01F 7 /-</b>	2011252335	2009240888	<b>C08G 63 /-</b>	2012226303
2010251076	2011274297	2011210326	2009244148	2011311800	<b>C09K 8 /-</b>
2010273188	<b>C02F 1 /-</b>	<b>C07D 217 /-</b>	2009290755	2012258928	2010203297
<b>B65D 81 /-</b>	2010206320	2012203232	2010223154	2012226303	2011284547
2010258627	<b>C02F 11 /-</b>	<b>C07D 401 /-</b>	2010228934	<b>C08G 73 /-</b>	2011306707
<b>B65D 85 /-</b>	2009227681	2010249043	2010295497	2012226303	2011346882
2011281237	2009251120	2012203232	2011258080	<b>C08J 3 /-</b>	2012282775
<b>B65D 90 /-</b>	2010209814	<b>C07D 403 /-</b>	2012203017	2009202809	<b>C10B 45 /-</b>
2010251076	2010351604	2010249043	2013200566	2011274297	2013257418
<b>B65F 1 /-</b>	2011252335	<b>C07D 405 /-</b>	2013203304	2012320924	<b>C10B 57 /-</b>
2008312404	2012212407	2010249043	<b>C07K 16 /-</b>	<b>C08J 9 /-</b>	2013257418
<b>B65G 61 /-</b>	2012202587	2012203232	2008287427	2009202809	<b>C10G 1 /-</b>
		<b>C07D 409 /-</b>	2009224690	2012320924	2012202587
			2010234334		
			2010251156		
			2011249783		
			2011300445		
			2012205180		
			2013201617		
			2013202400		
			2013202410		



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<b><u>C10J 3 /-</u></b>		<b><u>D06B 1 /-</u></b>	2011267764	<b><u>E05D 5 /-</u></b>	
2009270462	<b><u>C12N 9 /-</u></b>	2011301155	<b><u>E02F 9 /-</u></b>	2008349753	<b><u>E21C 27 /-</u></b>
	2010231243		2012268477		2012201289
<b><u>C10L 1 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>D06F 35 /-</u></b>		<b><u>E05D 7 /-</u></b>	<b><u>E21C 35 /-</u></b>
2012268914	2011228213	2011302774	<b><u>E03F 5 /-</u></b>	2008349753	2009351410
<b><u>C10L 10 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>D06F 39 /-</u></b>	2011202181	<b><u>E05F 11 /-</u></b>	<b><u>E21C 50 /-</u></b>
2012268914	2011312562	2011301155	<b><u>E04B 1 /-</u></b>	2011229139	2011267764
<b><u>C11D 1 /-</u></b>	<b><u>C12P 5 /-</u></b>	2011302774	2008240306	<b><u>E06B 9 /-</u></b>	<b><u>E21D 23 /-</u></b>
2012230538	2009275752	<b><u>D21H 11 /-</u></b>	2013206618	2011229139	2009351410
<b><u>C11D 11 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>D21H 13 /-</u></b>	<b><u>E04B 9 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>F01D 5 /-</u></b>
2009275684	2008322867	2011262334	2008240306	2011205611	2009228282
<b><u>C11D 17 /-</u></b>	2009243195	<b><u>D21H 19 /-</u></b>	<b><u>E04C 2 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F01D 9 /-</u></b>
2009275684	<b><u>C12Q 1 /-</u></b>	2011262334	2010292987	2008332956	2009228282
2010274945	2008232439	2011262335	<b><u>E04C 5 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F01M 11 /-</u></b>
<b><u>C11D 3 /-</u></b>	2008248904	<b><u>D21H 21 /-</u></b>	2008201842	2009257939	2012203310
2009275684	2008332886	2011262335	<b><u>E04F 19 /-</u></b>	2010280561	<b><u>F01P 11 /-</u></b>
<b><u>C11D 7 /-</u></b>	2009236789	<b><u>E01B 9 /-</u></b>	2012201796	2010308644	2010229239
2009275684	2009319701	2009293041	<b><u>E04F 21 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>F01P 3 /-</u></b>
<b><u>C12M 1 /-</u></b>	2010339464	<b><u>E01C 11 /-</u></b>	2008203303	2011231340	2011204951
2011228213	2011224534	2013206618	<b><u>E04H 4 /-</u></b>	2011379557	<b><u>F02C 6 /-</u></b>
<b><u>C12N 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E01F 15 /-</u></b>	2007217773	<b><u>E21B 23 /-</u></b>	2009228282
2007355202	2010228525	2008357684	2008339700	2011231340	<b><u>F02C 7 /-</u></b>
2008322867	<b><u>C21C 5 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>E05B 15 /-</u></b>	<b><u>E21B 27 /-</u></b>	2009228282
2009243195	2011323008	2012203944	2008318528	2011306707	<b><u>F02C 9 /-</u></b>
2010228525	<b><u>C22B 1 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E05B 19 /-</u></b>	<b><u>E21B 29 /-</u></b>	2009228282
2010231883	2009262368	2010220201	2009289055	2010339592	2013201642
2010251761	2009279362	<b><u>E02D 27 /-</u></b>	<b><u>E05B 27 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F02C 9 /-</u></b>
<b><u>C12N 15 /-</u></b>	<b><u>C22B 3 /-</u></b>	2009202046	2009289055	2009234512	2012243778
2009240888	2009279362	<b><u>E02D 29 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F02K 7 /-</u></b>
2009258117	<b><u>C22B 9 /-</u></b>	2013206618	2008318528	2010220792	2009228282
2009322964	2011213195	<b><u>E02D 31 /-</u></b>	2011208546	2011231340	<b><u>F03B 13 /-</u></b>
2010223154	<b><u>C22F 1 /-</u></b>	2013206618	<b><u>E05B 5 /-</u></b>	2011379557	2010235193
2010226313	2011213195	<b><u>E02D 5 /-</u></b>	2010201641	2011381084	2010317607
2011249783	<b><u>C25C 3 /-</u></b>	2008201842	<b><u>E05B 63 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F03B 15 /-</u></b>
2011258080	2011238170	<b><u>E02F 1 /-</u></b>	2010201641	2010220792	2010317607
2011288653	<b><u>D04H 1 /-</u></b>	2011267764	2011208546	2010350079	<b><u>F03D 11 /-</u></b>
2012203017	2009227572	<b><u>E02F 3 /-</u></b>	<b><u>E05B 65 /-</u></b>	2011202581	2009202046
2013200566	<b><u>D04H 13 /-</u></b>	2011253753	2010201641	2011381084	2010232745
2013203304	2009227572	2011267764	2011208546	<b><u>E21B 47 /-</u></b>	2010246512
<b><u>C12N 5 /-</u></b>	<b><u>D04H 3 /-</u></b>	<b><u>E02F 5 /-</u></b>	2008318528	2010357695	2012227217
2008275679	2009227572		<b><u>E05B 9 /-</u></b>	<b><u>E21B 49 /-</u></b>	<b><u>F04B 37 /-</u></b>
2009240888	2009227572		2010220792	<b><u>E21C 25 /-</u></b>	2010225069
2009258117	2009227572				<b><u>F16C 33 /-</u></b>
2009290755					
2009319701					
2010232148					
2012227337					
<b><u>C12N 7 /-</u></b>					
2008248904					
2008350937					
2009322175					

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2011205611		<b><u>F25B 39 /-</u></b>		2011263774	<b><u>G06F 12 /-</u></b>
<b><u>F16D 11 /-</u></b>	<b><u>F16L 59 /-</u></b>		<b><u>G01L 5 /-</u></b>		
	2010332534	2013219525	2009224107	<b><u>G01R 21 /-</u></b>	2012347734
2011229139	2011261132	<b><u>F25D 3 /-</u></b>		2011202886	<b><u>G06F 13 /-</u></b>
<b><u>F16D 19 /-</u></b>	<b><u>F16M 11 /-</u></b>	2011256173	<b><u>G01L 9 /-</u></b>	<b><u>G01S 15 /-</u></b>	2010212263
			2012203310		
2011229139	2009330290	<b><u>F25J 1 /-</u></b>		2010228967	<b><u>G06F 15 /-</u></b>
<b><u>F16D 66 /-</u></b>	<b><u>F16M 13 /-</u></b>	2013201642	<b><u>G01M 17 /-</u></b>	2011305212	
			2012202538	<b><u>G01S 19 /-</u></b>	2011226658
2009317576	2011282862	<b><u>F28D 1 /-</u></b>	<b><u>G01N 1 /-</u></b>	2011202783	<b><u>G06F 17 /-</u></b>
<b><u>F16H 1 /-</u></b>	<b><u>F16M 5 /-</u></b>	2013219525			2009304586
			2011317676	<b><u>G01S 5 /-</u></b>	2011226658
2011235170	2009202046	<b><u>F28F 21 /-</u></b>	<b><u>G01N 11 /-</u></b>	2011202783	2011307444
<b><u>F16H 3 /-</u></b>	<b><u>F16M 7 /-</u></b>	2013200629			2011318496
			2013257418	<b><u>G01V 1 /-</u></b>	<b><u>G06F 19 /-</u></b>
2010246512	2009202046	<b><u>F41A 23 /-</u></b>	<b><u>G01N 17 /-</u></b>	2009293586	2009304586
<b><u>F16H 48 /-</u></b>	<b><u>F16M 9 /-</u></b>	2010214733		2011307395	
			2010271044	2012201130	<b><u>G06F 21 /-</u></b>
2008264207	2009202046	<b><u>G01B 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	2012268720	
<b><u>F16H 53 /-</u></b>	<b><u>F16N 31 /-</u></b>	2012200263		2013201862	2008329544
			2008228813	<b><u>G01V 3 /-</u></b>	2012241073
2011229139	2008264207	<b><u>G01B 5 /-</u></b>	2008232439		2012254959
<b><u>F16H 57 /-</u></b>	<b><u>F16N 33 /-</u></b>	2012326106	2009301879	2009293586	<b><u>G06F 3 /-</u></b>
			2011234002	2011255225	
2008264207	2008264207	<b><u>G01C 11 /-</u></b>	2011320774		2010247785
2010246512			2012241109	<b><u>G01V 5 /-</u></b>	2012254959
<b><u>F16K 1 /-</u></b>	<b><u>F16N 39 /-</u></b>	2012200263	2012256163		2013208256
		2012215184	<b><u>G01N 22 /-</u></b>	2010357695	
2008264207	2008264207	<b><u>G01C 22 /-</u></b>		<b><u>G01V 99 /-</u></b>	<b><u>G06F 7 /-</u></b>
			2012220348		
2011304473	<b><u>F21S 8 /-</u></b>	2009308192	<b><u>G01N 27 /-</u></b>	2012203388	2010319344
<b><u>F16K 7 /-</u></b>					<b><u>G06F 9 /-</u></b>
	2009250108	<b><u>G01C 3 /-</u></b>	2010286046	<b><u>G02B 5 /-</u></b>	
2010220792	<b><u>F21V 31 /-</u></b>				2010247785
<b><u>F16L 1 /-</u></b>		2012215184	<b><u>G01N 29 /-</u></b>	2010305343	2010306903
	2009227681			2011232304	2011224641
2010220201	<b><u>F23D 14 /-</u></b>	<b><u>G01D 21 /-</u></b>	2012202538	2014213551	2011226658
2011261132			<b><u>G01N 3 /-</u></b>	<b><u>G02B 6 /-</u></b>	2011323985
<b><u>F16L 11 /-</u></b>	2010316573	2008305738			2012216334
			2011318229	2011304689	<b><u>G06K 19 /-</u></b>
2010332534	<b><u>F23N 1 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G02C 3 /-</u></b>	2011235955
<b><u>F16L 13 /-</u></b>		2008305738			
	2011304473	<b><u>G01F 1 /-</u></b>	2012243778	2010326726	<b><u>G06K 9 /-</u></b>
2011261132	<b><u>F24C 15 /-</u></b>	2012325411	<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>	2008329544
<b><u>F16L 25 /-</u></b>					2011320774
	2009250108	<b><u>G01H 13 /-</u></b>	2008228813	2012286580	
2011261132	<b><u>F24F 1 /-</u></b>		2008332886	<b><u>G03F 7 /-</u></b>	<b><u>G06N 3 /-</u></b>
<b><u>F16L 37 /-</u></b>		2010271044	2009290755		
	2010322155		2009319701	2010337597	2011280958
2010220201	2012361651	<b><u>G01J 3 /-</u></b>	2010270291		<b><u>G06Q 10 /-</u></b>
<b><u>F16L 39 /-</u></b>	2013219525		2011318229	<b><u>G05D 16 /-</u></b>	
		2011269068	2011323008		2011235955
	<b><u>F24F 3 /-</u></b>		2011325982	2011201174	2012203388
2011261132		<b><u>G01K 1 /-</u></b>	2011325989	2011346794	
<b><u>F16L 57 /-</u></b>	2010322155		2012243778	<b><u>G05D 23 /-</u></b>	<b><u>G06Q 20 /-</u></b>
		2011323008	2013257418		
	<b><u>F24H 1 /-</u></b>	<b><u>G01K 13 /-</u></b>		2011203273	2013207664
2010215729			<b><u>G01P 3 /-</u></b>		<b><u>G06Q 30 /-</u></b>
<b><u>F16L 58 /-</u></b>	2009258323	2011323008		<b><u>G06F 11 /-</u></b>	
			2009317576		2010236732
	<b><u>F24J 2 /-</u></b>	<b><u>G01L 3 /-</u></b>	<b><u>G01R 15 /-</u></b>	2010212263	2011210611
2010215729					2013207664
2011261132	2013200629	2014203257			

Applications Accepted - IPC Index cont'd

2013216593	<u>H01J 41 /-</u>	<u>H01R 29 /-</u>	2012200459	2012201250
<u>G06Q 40 /-</u>	2010225069	2011257975	<u>H04L 29 /-</u>	<u>H04W 84 /-</u>
2010279705	<u>H01J 61 /-</u>	<u>H01R 4 /-</u>	2010253923	2011202783
<u>G06Q 50 /-</u>	2009227681	2011257975	2010350741	<u>H04W 88 /-</u>
2010253923	<u>H01J 7 /-</u>	<u>H01R 9 /-</u>	2010350745	2011267625
2011307444	2010225069	2012203628	2011283164	2011202783
2013233747	<u>H01L 21 /-</u>	<u>H01T 13 /-</u>	2011328117	<u>H05B 1 /-</u>
<u>G06Q 90 /-</u>	<u>H01L 21 /-</u>	<u>H01T 13 /-</u>	2012204117	2013203697
2012202500	2009314986	2010261352	<u>H04M 1 /-</u>	<u>H05B 3 /-</u>
<u>G07F 17 /-</u>	<u>H01L 23 /-</u>	<u>H02B 1 /-</u>	2010306903	2013203697
2009302684	2011218651	2011253702	2012254959	<u>H05B 37 /-</u>
2012202827	<u>H01L 27 /-</u>	<u>H02B 13 /-</u>	<u>H04N 13 /-</u>	2013221964
2013201399	2009314986	2011346187	2010299386	<u>H05B 41 /-</u>
<u>G08B 17 /-</u>	<u>H01L 31 /-</u>	<u>H02G 1 /-</u>	<u>H04N 19 /-</u>	2009227681
2009301879	2010238629	2009349094	2011313735	
2010202665	2010305343	<u>H02J 13 /-</u>	2012203337	
2010212378	2011291825	2013221964	<u>H04N 21 /-</u>	
<u>G08B 25 /-</u>	<u>H01L 35 /-</u>	<u>H02J 3 /-</u>	2010236732	
2011328117	2012251464	2011253703	2010299386	
<u>G08C 23 /-</u>	<u>H01M 10 /-</u>	<u>H02K 5 /-</u>	<u>H04N 5 /-</u>	
2011323008	2009269832	2012247462	2010236732	
<u>G08G 5 /-</u>	<u>H01M 14 /-</u>	<u>H02M 3 /-</u>	2010299386	
2009200873	2009269832	2010288620	<u>H04N 7 /-</u>	
<u>G08G 9 /-</u>	<u>H01M 2 /-</u>	2011202989	2012268477	
2012372155	2009222585	<u>H03D 1 /-</u>	2013204458	
<u>G09B 9 /-</u>	<u>H01M 6 /-</u>	2010330697	2013204463	
2012321038	2009269832	<u>H03F 3 /-</u>	2013204477	
<u>G11B 20 /-</u>	<u>H01M 8 /-</u>	2011218651	2013204490	
2010299386	2009269832	<u>H04B 1 /-</u>	<u>H04R 25 /-</u>	
<u>H01F 27 /-</u>	<u>H01Q 15 /-</u>	2010330697	2011358172	
2010261352	2012220348	2013200117	<u>H04W 12 /-</u>	
<u>H01F 3 /-</u>	<u>H01Q 19 /-</u>	2012200996	2013200304	
2010261352	2012220348	<u>H04B 7 /-</u>	<u>H04W 16 /-</u>	
<u>H01F 38 /-</u>	<u>H01R 12 /-</u>	2013200117	2012200996	
2010261352	2011257975	<u>H04J 11 /-</u>	2013200304	
<u>H01G 11 /-</u>	2012203628	2013200117	<u>H04W 36 /-</u>	
2009269832	<u>H01R 13 /-</u>	<u>H04J 13 /-</u>	2012200996	
<u>H01G 9 /-</u>	2011257975	2008362215	<u>H04W 4 /-</u>	
2009269832	<u>H01R 24 /-</u>	<u>H04L 1 /-</u>	2011202783	
<u>H01H 33 /-</u>	2012203628	2008362215	2011328117	
2011346187	<u>H04L 12 /-</u>	<u>H04L 12 /-</u>	<u>H04W 52 /-</u>	
			2012201250	
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			<u>H04W 72 /-</u>	

**Certified Innovation Patents**

**Name Index**

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

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(71) Bibby, K.  
 (11) AU-B-2014100473  
 (21) 2014100473 (22) 08.05.2014  
 (54) Body Camera Mount Assembly  
 (51) Int. Cl.  
     **G03B 17/00** ( 2006.01 )  
 (45) 09.10.2014  
 (72) Bibby, Kieran James  
 (74) Kieran James Bibby

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(71) Impact Management Group Pty Ltd  
 (11) AU-B-2013100837  
 (21) 2013100837 (22) 17.06.2013  
 (54) Systems and methods for managing accounting data  
 (51) Int. Cl.  
     **G06Q 40/00** ( 2012.01 )  
 (45) 09.10.2014  
 (62) 2011313813  
 (72) Nagaraj, Veerachettiar  
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(71) Seventh Generation Ventures, Inc.  
 (11) AU-B-2012100478  
 (21) 2012100478 (22) 26.04.2012  
 (54) Squeezable beverage bottle and filter system  
 (51) Int. Cl.  
     **B01D 35/02** ( 2006.01 )  
     **A45F 3/16** ( 2006.01 )  
     **B65D 51/24** ( 2006.01 )  
 (45) 09.10.2014  
 (62) PCT/US2011/024608  
 (72) Rashid, Karim; Smiedt, Richard; Kidston, Edward A.; Schumacher, Brian; Carter, Randy E.  
 (74) Pizeys Patent and Trade Mark Attorneys

**Numerical Index**

**2012100478** Seventh Generation Ventures, Inc.  
**2013100837** Impact Management Group Pty Ltd  
**2014100473** Bibby, K.

**IPC Index**

**A45F 3 /-**

2012100478

**B01D 35 /-**

2012100478

**B65D 51 /-**

2012100478

**G03B 17 /-**

2014100473

**G06Q 40 /-**

2013100837

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2008258278 **Brooklite Pty Ltd** ( Minas, L. )

**Opposition Withdrawn**

2005203460 **Euro-Celtique S.A.** ( Jones, P.W. )

2009200335 **Purdue Pharma L.P.** ( Apotex Pty Ltd )

2013203072 **Cell Ideas Pty Ltd** ( Magellan Stem Cells Pty Ltd )

**Patents Granted**

**Standard Patents**

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**Patents Granted**

**Standard Patents**

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 2011268135 2011268205 2011268458 2011268922  
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 2012202459 2012202622 2012203026 2012203451  
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 2012216399 2012216456 2012216597 2012216642  
 2012227164 2012227275 2012227325 2012232979  
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 2012245057 2012258385 2012261339 2012264417  
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 2012312643 2012319172 2012325968 2012348311  
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 2013200758 2013200849 2013200904 2013200920  
 2013201436 2013201459 2013201460 2013201503  
 2013201504 2013201751 2013202127 2013203981  
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**Innovation Patents**

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 2014101047 2014101053 2014101055 2014101058  
 2014101060 2014101062 2014101065 2014101066  
 2014101068 2014101071 2014101072 2014101075  
 2014101076 2014101077 2014101078 2014101079  
 2014101081 2014101085 2014101089 2014101096  
 2014101097 2014101098 2014101099 2014101100

**Patents Granted**

**Innovation Patents**

2014101102 2014101103 2014101105 2014101107  
 2014101112 2014101113 2014101115 2014101120  
 2014101121 2014101122 2014101124 2014101125  
 2014101127 2014101130

**Assignments Registered**

2002219052 Biocartis SA The patent has been assigned to **My-cartis NV**

2003258674 Link America, Inc. The patent has been assigned to **HOWMEDICA OSTEONICS CORP.**

2004210615 Bontaz Centre The patent has been assigned to **Bontaz Centre R & D**

2004249438 Advanced Polymerik Pty Ltd The patent has been assigned to **Commonwealth Scientific and Industrial Research Organisation**

2004297709 Elster Metering Limited The patent has been assigned to **Elster Water Metering Limited**

2005318929 McLean, Gregory The patent has been assigned to **Loriden Pty. Limited.**

2006210740 Elster Metering Limited The patent has been assigned to **Elster Water Metering Limited**

2006222491 Duron Plastics Limited The patent has been assigned to **RETRACT-A-BIT INC.**

2006277795 Elster Metering Limited The patent has been assigned to **Elster Water Metering Limited**

2006304886 Genzyme Corporation; rEVO Biologics, Inc. The patent has been assigned to **Genzyme Corporation; LFB USA, Inc.**

2007269784 Light Sciences Oncology, Inc. The patent has been assigned to **EURO-CENTIQUE S.A.**

2007289449 Run The Red Limited The patent has been assigned to **PUSHPAY IP LIMITED**

2008224760 ELSTER METERING LIMITED The patent has been assigned to **Elster Water Metering Limited**

2009223442 University of Waterloo; Toyota Motor Engineering & Manufacturing North America, Inc. The patent has been assigned to **University of Waterloo; Toyota Jidosha Kabushiki Kaisha**

2011314160 RBC Horizon, Inc. The patent has been assigned to **Regal Beloit America, Inc.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2001262723 **Eisai R&D Management Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 23 May 2014

For the goods FYCOMPA perampanel

2004239244 **Biogen Idec Hemophilia Inc.**

The earliest first regulatory approval date provided by the patentee 01 May 2014

For the goods ALPROLIX eftrenonacog alfa

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

2004252422 **Biogen Idec Hemophilia Inc.**

The earliest first regulatory approval date provided by the patentee 01 May 2014

For the goods ALPROLIX eftrenonacog alpha

2005258385 **Eisai R & D Management Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 23 May 2014

For the goods FYCOMPA perampanel

2010201711 **Biogen Idec Hemophilia Inc.**

The earliest first regulatory approval date provided by the patentee 01 May 2014

For the goods ALPRROLIX eftrenonacog alfa

2013204787 **Biogen Idec Hemophilia Inc.**

The earliest first regulatory approval date provided by the patentee 01 May 2014

For the goods ALPROLIX eftrenonacog alfa

**Extensions granted**

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

2004282491 **ImmunoGen, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Sep 2013

For the goods KADCYLA (trastuzumab emtansine rch)

Extension of Term of patent pursuant to Section 77 expires on 03 Sep 2028

**Corrigenda**

In Vol 22 , No 23 , Page(s) 2725 under the heading **Complete Applications Filed - Name Index** Under the name Krebar Pty Ltd, Application No. 2008202375, under INID (71) correct the applicant name to Krebar Pty Ltd t/as Paige Stainless Fabrications

In Vol 22 , No 50 , Page(s) 5885 under the heading **Applications OPI - Name Index** Under the name Krebar Pty Ltd, Application No. 2008202375, under INID (71) correct the applicant name to Krebar Pty Ltd t/as Paige Stainless Fabrications

In Vol 24 , No 35 , Page(s) 4046 under the heading **Applications OPI - Name Index** Under the name Panasonic Corporation, Application No. 2010203000, under INID (72) add co-inventor Ikeda, Wataru

In Vol 24 , No 35 , Page(s) 4076 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Panasonic Corporation, Application No. 2010203000, under INID (72) add co-inventor Ikeda, Wataru

In Vol 27 , No 1 , Page(s) 101 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Brussels Ventures Corp., Application No. 2011282427, under INID (72) correct the inventor to Heinar, Thomas

In Vol 27 , No 14 , Page(s) 1863 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name



**Corrigenda**

Anaeco Limited, Application No. 2013201733, under INID (72) correct the co-inventor to Rudas, Ryszard Stanislaw

In Vol 28 , No 13 , Page(s) 1761 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Borealis AG, Application No. 2012307751, under INID (72), add co-inventor Backman, Mats

In Vol 28 , No 23 , Page(s) 3140 under the heading **Applications Accepted - Name Index** Under the name Mitsubishi Gas Chemical Company, Inc., Application No. 2011313399, under INID (54) correct the title to read POLYAMIDE RESIN MOLDINGS

In Vol 28 , No 34 , Page(s) 4578 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Akida Holdings, LLC, Application No. 2013214971, under INID (71) add co-applicants Boyd Allin; Barney Freedman

In Vol 28 , No 37 , Page(s) 4994 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Medgenics Medical Israel Ltd., Application No. 2012369064, under INID (72) add co-inventor Bellomo, Stephen F.

In Vol 28 , No 37 , Page(s) 5027 under the heading **Applications Accepted - Name Index** Under the name Brusells Ventures Corp., Application No. 2011282427, under INID (72) correct the inventor to Heinar, Thomas

In Vol 28 , No 38 , Page(s) 5097 under the heading **Amendments - Amendments Made** Under the name Guangzhou Celprotek Pharmaceutical Co., Ltd., Application No. 2012372640, under INID (54) correct the title to read Crystalline forms of 5a-androstane-3B,5,6B-triol and preparation method

In Vol 28 , No 38 , Page(s) 5125 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Adamed Sp. z o.o., Application No. 2013237020, under INID (71) correct the applicant name to Adamed sp. z o.o.

In Vol 28 , No 38 , Page(s) 5142 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Christopher Gary Henshue; Edward James Robb; Alexander Frederick Robb; Kent Sherman Barta; Brandbumps, LLC; David Matthew Riggs; Gary LaVerne Henshue, Application No. 2013216773, under INID (71) correct the applicant name to BrandBumps, LLC, under INID (71) remove co-applicant Christopher Gary Henshue; Edward James Robb; Alexander Frederick Robb; Kent Sherman Barta; David Matthew Riggs; Gary LaVerne Henshue

In Vol 28 , No 38 , Page(s) 5166 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Think and Vision GmbH, Application No. 2013225601, under INID (71) correct the applicant name to think and vision GmbH

In Vol 28 , No 38 , Page(s) 5188 under the heading **Applications Accepted - Name Index** Under the name Borealis AG, Application No. 2012307751, under INID (72), add co-inventor Backman, Mats

In Vol 28 , No 38 , Page(s) 5203 under the heading **Applications Accepted - Name Index** Under the name Krebar Pty Ltd, Application No. 2008202375, under INID (71) correct the applicant name to Krebar Pty Ltd t/as Paige Stainless Fabrications

**Corrigenda**

In Vol 28 , No 38 , Page(s) 5203 under the heading **Applications Accepted - Name Index** Under the name LG Electronics Inc., Application No. 2010287241, under INID (54) correct the title to read Method for setting modulation and coding scheme in wireless RAN system and apparatus supporting the same

In Vol 28 , No 38 , Page(s) 5210 under the heading **Applications Accepted - Name Index** Under the name Panasonic Corporation, Application No. 2010203000, under INID (72) add co-inventor Ikeda, Wataru

In Vol 28 , No 38 , Page(s) 5237 under the heading **Extensions of Term of Standard Patent, Section 70 - Extensions Granted** Delete all reference to 2004282491

In Vol 28 , No 39 , Page(s) 5260 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2008** Under the name Evotech International GmbH, Application No. 2008324426, under INID (71) correct the applicant name to Evotec International GmbH

In Vol 28 , No 39 , Page(s) 5388 under the heading **Applications Accepted - Name Index** Under the name University of Washington through its Center for Commercialization, Application No. 2011311946, under INID (72) correct the co-inventor to Correia, Bruno E.

**Specifications Republished**

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

2008237205	<b>Serious Energy, Inc.</b>
2008311292	<b>Intrexon Corporation; University of Pittsburgh of the Commonwealth System of Higher Education</b>
2009239424	<b>Covidien LP</b>
2009329824	<b>DYWIDAG-Systems International Pty Limited</b>
2010339263	<b>LG Electronics Inc.</b>
2011329573	<b>SHL Group AB</b>
2012203915	<b>Amgen Inc.</b>
2013204546	<b>Complete Genomics, Inc.</b>

## ADVERTISEMENT

### Proceedings under the Patents Act 1990

#### Amendments under s 105(1A)

In respect of Australian Patent Application No. 2009329824, the Patent Applicant, DYWIDAG-Systems International Pty Limited intends to seek an order under section 105(1A) of the *Patents Act 1990* in *Garford Pty Ltd v DYWIDAG-Systems International Pty Limited* (Federal Court Proceedings No. NSD 650 of 2014).

The particulars of the amendments sought are as shown in the attached documents being clean and marked up forms of the pages proposed to be amended.

The Patent Applicant's address for service is at the office of its lawyers:

SPRUSON & FERGUSON LAWYERS PTY LIMITED

Level 35, St Martins Tower

31 Market Street

Sydney NSW 2000

Any person intending to oppose the 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:

- (i) The Commissioner; and
- (ii) Each party to the proceeding.

In one form, the apparatus further comprises a cutting device, located downstream of said bulb forming device for cutting cable advanced from said bulb forming device,

wherein said downstream accumulator and said take-up reel are displaceable from an operative position downstream of said bulb forming device.

In a second aspect, the present invention provides an apparatus for manufacturing a cable bolt, said apparatus comprising:

a cable supply;

a bulb forming device, located downstream of said cable supply, for forming a bulb in cable advanced from said cable supply;

a cable drive, located downstream of said cable supply, for advancing cable through said bulb forming device;

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable between said cable supply and said downstream accumulator for formation of the successive bulb, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

In one form, said cable drive is located upstream of said bulb forming device.

The downstream accumulator may be configured to engage a downstream portion of the cable and deflect the path of the ~~upstream~~-~~downstream~~ portion of the cable in a direction tending to maintain a constant tension in the ~~upstream~~-~~downstream~~ portion of the cable.

Typically, said downstream accumulator comprises a pulley mounted on a displaceable shaft.

Typically, said bulb forming device comprises:

a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;

accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

In a fifth aspect, the present invention provides a method for manufacturing a cable bolt, said method comprising:

- a) driving a cable along a longitudinally extending path through a bulb forming device having an upstream clamp and a downstream clamp longitudinally spaced from said upstream clamp;
- b) at a position upstream of said bulb forming device, measuring displacement of said cable along said path whilst said cable is being driven;
- c) stopping ~~at least a~~ first portion of said cable extending through said bulb forming device upon a first predetermined displacement of said cable measured at step b);
- d) clamping said first portion of said cable with said upstream clamp and said downstream clamp;
- e) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said first portion of said cable to form a bulb in said first portion of said cable;
- f) unclamping said portion of said cable;
- g) accumulating an upstream portion of said cable, located upstream of said position, whilst said first portion of said cable is stopped;
- gh) further driving said cable along said path;
- hi) at said position upstream of said bulb forming device, measuring further displacement of said cable along said path whilst said cable is being further driven;
- ij) stopping ~~at least a~~ further portion of said cable extending through said bulb forming device upon a further predetermined displacement of said cable measured at step hi);
- jk) clamping said further portion of said cable with said upstream clamp and said downstream clamp;
- kl) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said further portion of said cable to form a further bulb in said further portion of said cable;
- lm) unclamping said further portion of said cable; ~~and~~
- n) accumulating an upstream portion of said cable, located upstream of said position, whilst said further portion of said cable is stopped; and
- mo) repeating steps gh) to ln).

In a preferred form, steps b) and [hi](#)) are performed with a measuring device, output of said measuring device during steps e) and [kl](#)) being disregarded when measuring displacement of said cable.

Typically, said measuring device is a rotary shaft encoder.

The shaft encoder may be mounted on a wheel engaging said cable, said shaft encoder measuring rotation of said wheel.

Alternatively, said shaft encoder may be coupled to a drive shaft of said cable drive, said shaft encoder measuring rotation of said drive shaft.

In one form, immediately prior to unclamping said [first](#) portion of said cable in step f), and immediately prior to unclamping said further portion of said cable in step [lm](#)), a force applied to said upstream clamp to displace said upstream clamp toward said downstream clamp is removed, thereby allowing said upstream clamp to be displaced away from said downstream clamp during elastic recovery of said [first](#) portion of said cable and during elastic recovery of said further portion of said cable.

### **Brief Description of the Drawings**

A preferred embodiment of the present invention will now be described, by way of an example only, with reference to the accompanying drawings wherein:

Figure 1 is a plan view of an apparatus for manufacturing a cable bolt;

Figure 2A is a side elevation view of the apparatus of Figure 1 immediately prior to the formation of a bulb in a cable;

Figure 2B is a side elevation view of the apparatus of Figure 1 immediately after formation of a bulb in the cable;

Figure 3 is a side elevation view of the cable drive of the apparatus of Figure 1;

Figure 4A is a side elevation view of the bulb forming device of the apparatus of Figure 1 during advancement of a cable;

Figure 4B is a side elevation view of the bulb forming device of Figure 4A with the first and second clamps thereof clamping the cable in preparation for forming of a bulb; and

Figure 4C is a side elevation view of the bulb forming device of Figure 4A during formation of a bulb.

**CLAIMS:**

1. An apparatus for manufacturing a cable bolt, said apparatus comprising:  
a rotatably driven pay-out reel for paying out a cable coiled in use about said pay-out reel;

an upstream accumulator, located downstream of said pay-out reel, for accumulating cable advanced from said pay-out reel;

a bulb forming device, located downstream of said upstream accumulator, for forming a bulb in cable advanced from said upstream accumulator;

a cable drive, located downstream of said upstream accumulator, for advancing cable through said bulb forming device;

wherein said pay-out reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable downstream of said upstream accumulator for formation of the subsequent bulb, said upstream accumulator accumulating or decumulating an upstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continual rotation of said pay-out reel whilst the central portion of the cable is stationary.

2. The apparatus of claim 1, further comprising:

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

3. The apparatus of claim 1, wherein said cable drive is located upstream of said bulb forming device.

4. The apparatus of claim 1, wherein said upstream accumulator is configured to engage an upstream portion of the cable and deflect the path of the upstream portion of the cable in a direction tending to maintain a constant tension in the upstream portion of the cable.
5. The apparatus of claim 4, wherein said upstream accumulator comprises a pulley mounted on a displaceable shaft.
6. The apparatus of claim 2, wherein said downstream accumulator is configured to engage a downstream portion of the cable and deflect the path of the downstream portion of the cable in a direction tending to maintain a constant tension in the downstream portion of the cable.
7. The apparatus of claim 6, wherein said downstream accumulator comprises a pulley mounted on a displaceable shaft.
8. The apparatus of claim 1, wherein said bulb forming device comprises:
  - a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;
  - a second clamp longitudinally spaced from said first clamp and adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along said longitudinal axis; and
  - a clamp displacement drive for longitudinally displacing said first clamp, relative to said second clamp, along said longitudinal axis.
9. The apparatus of claim 2 further comprising a cutting device, located downstream of said bulb forming device for cutting cable advanced from said bulb forming device,
  - wherein said downstream accumulator and said take-up reel are displaceable from an operative position downstream of said bulb forming device.
10. An apparatus for manufacturing a cable bolt, said apparatus comprising:
  - a cable supply;

a bulb forming device, located downstream of said cable supply, for forming a bulb in cable advanced from said cable supply;

a cable drive, located downstream of said cable supply, for advancing cable through said bulb forming device;

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable between said cable supply and said downstream accumulator for formation of the successive bulb, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

11. The apparatus of claim 10, wherein said cable drive is located upstream of said bulb forming device.

12. The apparatus of claim 10, wherein said downstream accumulator is configured to engage a downstream portion of the cable and deflect the path of the downstream portion of the cable in a direction tending to maintain a constant tension in the downstream portion of the cable.

13. The apparatus of claim 12, wherein said downstream accumulator comprises a pulley mounted on a displaceable shaft.

14. The apparatus of claim 10, wherein said bulb forming device comprises:  
a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;  
a second clamp longitudinally spaced from said first clamp and adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along said longitudinal axis; and



a clamp displacement drive for longitudinally displacing said first clamp, relative to said second clamp, along said longitudinal axis;

further comprising a cutting device, located downstream of said bulb forming device, for cutting cable advanced from said bulb forming machine.

15. A method for manufacturing a cable bolt, said method comprising:  
rotatably driving a pay-out reel having a cable coiled thereon to pay-out said cable from said pay-out reel;  
operating a cable drive, located downstream of said pay-out reel, to advance said cable through said cable drive and a bulb forming device;  
operating said cable drive to intermittently stop a central portion of said cable whilst continuing to rotatably drive said pay-out reel;  
whilst said central portion of said cable is stopped, forming a bulb in said central portion of said cable with said bulb forming device; and  
accumulating an upstream portion of said cable, located upstream of said cable drive and said bulb forming device, whilst said central portion of said cable is stopped.

16. The method of claim 15, further comprising the steps of:  
rotatably driving a take-up reel, located downstream of said bulb forming device, to take up cable advanced from said bulb forming device; and  
accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

17. A method for manufacturing a cable bolt, said method comprising:  
supplying cable from a cable supply;  
operating a cable drive, located downstream of said cable supply, to advance said cable through said cable drive and a bulb forming device;  
rotatably driving a take-up reel, located downstream of said bulb forming device, to take up cable advanced from said bulb forming device;  
operating said cable drive to intermittently stop a central portion of said cable whilst continuing to rotatably drive said take-up reel;  
whilst said central portion of said cable is stopped, forming a bulb in said central portion of said cable with said bulb forming device; and

accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

18. A method for manufacturing a cable bolt, said method comprising:

a) driving a cable along a longitudinally extending path through a bulb forming device having an upstream clamp and a downstream clamp longitudinally spaced from said upstream clamp;

b) at a position upstream of said bulb forming device, measuring displacement of said cable along said path whilst said cable is being driven;

c) stopping ~~at least~~ a first portion of said cable extending through said bulb forming device upon a first predetermined displacement of said cable as measured at step b);

d) clamping said first portion of said cable with said upstream clamp and said downstream clamp;

e) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said first portion of said cable to form a bulb in said portion of said cable;

f) unclamping said portion of said cable;

g) accumulating an upstream portion of said cable, located upstream of said position, whilst said first portion of said cable is stopped;

gh) further driving said cable along said path;

hi) at said position upstream of said bulb forming device, measuring further displacement of said cable along said path whilst said cable is being further driven;

ij) stopping ~~at least~~ a further portion of said cable extending through said bulb forming device upon a further predetermined displacement of said cable as measured at step hi);

jk) clamping said further portion of said cable with said upstream clamp and said downstream clamp;

kl) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said further portion of said cable to form a further bulb in said further portion of said cable;

lm) unclamping said further portion of said cable; ~~and~~

n) accumulating an upstream portion of said cable, located upstream of said position, whilst said further portion of said cable is stopped; and

mo) repeating steps gh) to ln).

19. The method of claim 18, wherein steps b) and hi) are performed with a measuring device, output of said measuring device during steps e) and kl) being disregarded when measuring displacement of said cable.

20. The method of claim 19, wherein said measuring device is a rotary shaft encoder.

21. The method of claim 20, wherein said shaft encoder is mounted on a wheel engaging said cable, said shaft encoder measuring rotation of said wheel.

22. The method of claim 20, wherein said shaft encoder is coupled to a drive shaft of said cable drive, said shaft encoder measuring rotation of said drive shaft.

23. The method of claim 18 wherein, immediately prior to unclamping said first portion of said cable in step f), and immediately prior to unclamping said further portion of said cable in step lm), a force applied to said upstream clamp to displace said upstream clamp toward said downstream clamp is removed, thereby allowing said upstream clamp to be displaced away from said downstream clamp during elastic recovery of said first portion of said cable and during elastic recovery of said further portion of said cable.

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In one form, the apparatus further comprises a cutting device, located downstream of said bulb forming device for cutting cable advanced from said bulb forming device,

wherein said downstream accumulator and said take-up reel are displaceable from an operative position downstream of said bulb forming device.

In a second aspect, the present invention provides an apparatus for manufacturing a cable bolt, said apparatus comprising:

a cable supply;

a bulb forming device, located downstream of said cable supply, for forming a bulb in cable advanced from said cable supply;

a cable drive, located downstream of said cable supply, for advancing cable through said bulb forming device;

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable between said cable supply and said downstream accumulator for formation of the successive bulb, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

In one form, said cable drive is located upstream of said bulb forming device.

The downstream accumulator may be configured to engage a downstream portion of the cable and deflect the path of the downstream portion of the cable in a direction tending to maintain a constant tension in the downstream portion of the cable.

Typically, said downstream accumulator comprises a pulley mounted on a displaceable shaft.

Typically, said bulb forming device comprises:

a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;

accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

In a fifth aspect, the present invention provides a method for manufacturing a cable bolt, said method comprising:

- a) driving a cable along a longitudinally extending path through a bulb forming device having an upstream clamp and a downstream clamp longitudinally spaced from said upstream clamp;
- b) at a position upstream of said bulb forming device, measuring displacement of said cable along said path whilst said cable is being driven;
- c) stopping a first portion of said cable extending through said bulb forming device upon a first predetermined displacement of said cable measured at step b);
- d) clamping said first portion of said cable with said upstream clamp and said downstream clamp;
- e) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said first portion of said cable to form a bulb in said first portion of said cable;
- f) unclamping said portion of said cable;
- g) accumulating an upstream portion of said cable, located upstream of said position, whilst said first portion of said cable is stopped;
- h) further driving said cable along said path;
- i) at said position upstream of said bulb forming device, measuring further displacement of said cable along said path whilst said cable is being further driven;
- j) stopping a further portion of said cable extending through said bulb forming device upon a further predetermined displacement of said cable measured at step i);
- k) clamping said further portion of said cable with said upstream clamp and said downstream clamp;
- l) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said further portion of said cable to form a further bulb in said further portion of said cable;
- m) unclamping said further portion of said cable;
- n) accumulating an upstream portion of said cable, located upstream of said position, whilst said further portion of said cable is stopped; and
- o) repeating steps h) to n).

In a preferred form, steps b) and i) are performed with a measuring device, output of said measuring device during steps e) and l) being disregarded when measuring displacement of said cable.

Typically, said measuring device is a rotary shaft encoder.

The shaft encoder may be mounted on a wheel engaging said cable, said shaft encoder measuring rotation of said wheel.

Alternatively, said shaft encoder may be coupled to a drive shaft of said cable drive, said shaft encoder measuring rotation of said drive shaft.

In one form, immediately prior to unclamping said first portion of said cable in step f), and immediately prior to unclamping said further portion of said cable in step m), a force applied to said upstream clamp to displace said upstream clamp toward said downstream clamp is removed, thereby allowing said upstream clamp to be displaced away from said downstream clamp during elastic recovery of said first portion of said cable and during elastic recovery of said further portion of said cable.

### **Brief Description of the Drawings**

A preferred embodiment of the present invention will now be described, by way of an example only, with reference to the accompanying drawings wherein:

Figure 1 is a plan view of an apparatus for manufacturing a cable bolt;

Figure 2A is a side elevation view of the apparatus of Figure 1 immediately prior to the formation of a bulb in a cable;

Figure 2B is a side elevation view of the apparatus of Figure 1 immediately after formation of a bulb in the cable;

Figure 3 is a side elevation view of the cable drive of the apparatus of Figure 1;

Figure 4A is a side elevation view of the bulb forming device of the apparatus of Figure 1 during advancement of a cable;

Figure 4B is a side elevation view of the bulb forming device of Figure 4A with the first and second clamps thereof clamping the cable in preparation for forming of a bulb; and

Figure 4C is a side elevation view of the bulb forming device of Figure 4A during formation of a bulb.

**CLAIMS:**

1. An apparatus for manufacturing a cable bolt, said apparatus comprising:  
a rotatably driven pay-out reel for paying out a cable coiled in use about said pay-out reel;

an upstream accumulator, located downstream of said pay-out reel, for accumulating cable advanced from said pay-out reel;

a bulb forming device, located downstream of said upstream accumulator, for forming a bulb in cable advanced from said upstream accumulator;

a cable drive, located downstream of said upstream accumulator, for advancing cable through said bulb forming device;

wherein said pay-out reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable downstream of said upstream accumulator for formation of the subsequent bulb, said upstream accumulator accumulating or decumulating an upstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continual rotation of said pay-out reel whilst the central portion of the cable is stationary.

2. The apparatus of claim 1, further comprising:

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

3. The apparatus of claim 1, wherein said cable drive is located upstream of said bulb forming device.

4. The apparatus of claim 1, wherein said upstream accumulator is configured to engage an upstream portion of the cable and deflect the path of the upstream portion of the cable in a direction tending to maintain a constant tension in the upstream portion of the cable.

5. The apparatus of claim 4, wherein said upstream accumulator comprises a pulley mounted on a displaceable shaft.

6. The apparatus of claim 2, wherein said downstream accumulator is configured to engage a downstream portion of the cable and deflect the path of the downstream portion of the cable in a direction tending to maintain a constant tension in the downstream portion of the cable.

7. The apparatus of claim 6, wherein said downstream accumulator comprises a pulley mounted on a displaceable shaft.

8. The apparatus of claim 1, wherein said bulb forming device comprises:  
a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;  
a second clamp longitudinally spaced from said first clamp and adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along said longitudinal axis; and  
a clamp displacement drive for longitudinally displacing said first clamp, relative to said second clamp, along said longitudinal axis.

9. The apparatus of claim 2 further comprising a cutting device, located downstream of said bulb forming device for cutting cable advanced from said bulb forming device,  
wherein said downstream accumulator and said take-up reel are displaceable from an operative position downstream of said bulb forming device.

10. An apparatus for manufacturing a cable bolt, said apparatus comprising:  
a cable supply;



a bulb forming device, located downstream of said cable supply, for forming a bulb in cable advanced from said cable supply;

a cable drive, located downstream of said cable supply, for advancing cable through said bulb forming device;

a downstream accumulator, located downstream of said bulb forming device and said cable drive, for accumulating cable advanced from said bulb forming device; and

a rotatably driven take-up reel for taking up cable advanced from said downstream accumulator;

wherein said take-up reel is configured to rotate at least substantially continuously whilst said cable drive is configured to advance the cable after formation of each bulb to a position for formation of a subsequent bulb in the cable, said cable drive stopping a central portion of the cable between said cable supply and said downstream accumulator for formation of the successive bulb, said downstream accumulator accumulating or decumulating a downstream portion of the cable as required throughout operation of said apparatus to allow at least substantially continuous rotation of said take-up reel whilst the central portion of the cable is stationary.

11. The apparatus of claim 10, wherein said cable drive is located upstream of said bulb forming device.

12. The apparatus of claim 10, wherein said downstream accumulator is configured to engage a downstream portion of the cable and deflect the path of the downstream portion of the cable in a direction tending to maintain a constant tension in the downstream portion of the cable.

13. The apparatus of claim 12, wherein said downstream accumulator comprises a pulley mounted on a displaceable shaft.

14. The apparatus of claim 10, wherein said bulb forming device comprises:  
a first clamp adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along a longitudinal axis;  
a second clamp longitudinally spaced from said first clamp and adapted to releasably clamp the central portion of the cable with the central portion of the cable extending along said longitudinal axis; and

a clamp displacement drive for longitudinally displacing said first clamp, relative to said second clamp, along said longitudinal axis;

further comprising a cutting device, located downstream of said bulb forming device, for cutting cable advanced from said bulb forming machine.

15. A method for manufacturing a cable bolt, said method comprising:  
rotatably driving a pay-out reel having a cable coiled thereon to pay-out said cable from said pay-out reel;

operating a cable drive, located downstream of said pay-out reel, to advance said cable through said cable drive and a bulb forming device;

operating said cable drive to intermittently stop a central portion of said cable whilst continuing to rotatably drive said pay-out reel;

whilst said central portion of said cable is stopped, forming a bulb in said central portion of said cable with said bulb forming device; and

accumulating an upstream portion of said cable, located upstream of said cable drive and said bulb forming device, whilst said central portion of said cable is stopped.

16. The method of claim 15, further comprising the steps of:  
rotatably driving a take-up reel, located downstream of said bulb forming device, to take up cable advanced from said bulb forming device; and

accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

17. A method for manufacturing a cable bolt, said method comprising:  
supplying cable from a cable supply;  
operating a cable drive, located downstream of said cable supply, to advance said cable through said cable drive and a bulb forming device;

rotatably driving a take-up reel, located downstream of said bulb forming device, to take up cable advanced from said bulb forming device;

operating said cable drive to intermittently stop a central portion of said cable whilst continuing to rotatably drive said take-up reel;

whilst said central portion of said cable is stopped, forming a bulb in said central portion of said cable with said bulb forming device; and

accumulating a downstream portion of said cable, located downstream of said cable drive and said bulb forming device, whilst said portion of said cable is being advanced.

18. A method for manufacturing a cable bolt, said method comprising:
- a) driving a cable along a longitudinally extending path through a bulb forming device having an upstream clamp and a downstream clamp longitudinally spaced from said upstream clamp;
  - b) at a position upstream of said bulb forming device, measuring displacement of said cable along said path whilst said cable is being driven;
  - c) stopping a first portion of said cable extending through said bulb forming device upon a first predetermined displacement of said cable as measured at step b);
  - d) clamping said first portion of said cable with said upstream clamp and said downstream clamp;
  - e) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said first portion of said cable to form a bulb in said portion of said cable;
  - f) unclamping said portion of said cable;
  - g) accumulating an upstream portion of said cable, located upstream of said position, whilst said first portion of said cable is stopped;
  - h) further driving said cable along said path;
  - i) at said position upstream of said bulb forming device, measuring further displacement of said cable along said path whilst said cable is being further driven;
  - j) stopping a further portion of said cable extending through said bulb forming device upon a further predetermined displacement of said cable as measured at step i);
  - k) clamping said further portion of said cable with said upstream clamp and said downstream clamp;
  - l) displacing said upstream clamp towards said downstream clamp, thereby longitudinally compressing said further portion of said cable to form a further bulb in said further portion of said cable;
  - m) unclamping said further portion of said cable;
  - n) accumulating an upstream portion of said cable, located upstream of said position, whilst said further portion of said cable is stopped; and
  - o) repeating steps h) to n).

19. The method of claim 18, wherein steps b) and i) are performed with a measuring device, output of said measuring device during steps e) and l) being disregarded when measuring displacement of said cable.

20. The method of claim 19, wherein said measuring device is a rotary shaft encoder.

21. The method of claim 20, wherein said shaft encoder is mounted on a wheel engaging said cable, said shaft encoder measuring rotation of said wheel.

22. The method of claim 20, wherein said shaft encoder is coupled to a drive shaft of said cable drive, said shaft encoder measuring rotation of said drive shaft.

23. The method of claim 18 wherein, immediately prior to unclamping said first portion of said cable in step f), and immediately prior to unclamping said further portion of said cable in step m), a force applied to said upstream clamp to displace said upstream clamp toward said downstream clamp is removed, thereby allowing said upstream clamp to be displaced away from said downstream clamp during elastic recovery of said first portion of said cable and during elastic recovery of said further portion of said cable.

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