



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

**NOTE:** Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

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 7 Aug 2018 .

<b>3D Reactions Pty Ltd see Keshi Technologies Pty Ltd</b> (21) 2018902868	(71) Aristocrat Technologies Australia Pty Limited (21) 2018902953 (22) 13.08.2018 (54) A GAMING DEVICE	(71) Baker Heart and Diabetes Institute (21) 2018902933 (22) 10.08.2018 (54) Treatment of fatty liver disease
(71) AirboardX Pty Ltd (21) 2018902894 (22) 08.08.2018 (54) A Passenger Handling System and Method	(71) Arnolds Innovations Pty Ltd (21) 2018902898 (22) 08.08.2018 (54) A backswing trainer	(71) Biopoint Pty Ltd (21) 2018902924 (22) 10.08.2018 (54) Detection of cryptosporidium and giardia
(71) Anantara Lifesciences Limited (21) 2018902977 (22) 14.08.2018 (54) GASTROINTESTINAL REGENERATION FORMULATIONS	(71) Arnolds Innovations Pty Ltd (21) 2018902900 (22) 08.08.2018 (54) A swing training practice club	(71) Brookfield Scientific Solutions Group Pty Ltd (21) 2018902929 (22) 10.08.2018 (54) BohrHaus 2.0: Timber column and wall panel
(71) Anderson, J. (21) 2018902892 (22) 08.08.2018 (54) Toilet Cleaner	(71) Atlas Gaming Technologies Pty Ltd (21) 2018902960 (22) 13.08.2018 (54) Double-randomised virtual object generation	(71) Building IP Holdings Pty Ltd (21) 2018902943 (22) 13.08.2018 (54) UPRIGHT CONNECTING ASSEMBLY FOR MODULAR CONSTRUCTION
(71) Aristocrat Technologies Australia Pty Limited (21) 2018902949 (22) 13.08.2018 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE	(71) Atlas Gaming Technologies Pty Ltd (21) 2018902961 (22) 13.08.2018 (54) Double-randomisation for prize determination	(71) Building IP Holdings Pty Ltd (21) 2018902944 (22) 13.08.2018 (54) A FLASHING CONNECTOR
(71) Aristocrat Technologies Australia Pty Limited (21) 2018902950 (22) 13.08.2018 (54) A GAMING DEVICE	(71) Atlas Gaming Technologies Pty Ltd (21) 2018902963 (22) 13.08.2018 (54) Gaming machines and methods of gaming with random number generation	(71) Bulk Innovations Pty Ltd (21) 2018902876 (22) 07.08.2018 (54) Apparatus and Methodfor Handling Logs in the Transport and Ship loading Process
(71) Aristocrat Technologies Australia Pty Limited (21) 2018902951 (22) 13.08.2018 (54) A GAMING DEVICE	(71) Atlas Gaming Technologies Pty Ltd (21) 2018902964 (22) 13.08.2018 (54) Award generation in a linked pool of gaming machines	(71) Carbon Websites Pty Ltd (21) 2018902947 (22) 13.08.2018 (54) Rock Oyster Sauce made from Sydney Rock Oysters (Saccostrea glomerata)
(71) Aristocrat Technologies Australia Pty Limited (21) 2018902952 (22) 13.08.2018 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE	(71) Access Limited (21) 2018902972 (22) 14.08.2018 (54) Cellular Uptake	<b>Cardier, B. see Goranson, H.</b> (21) 2018901824
	(71) Access Limited (21) 2018902976 (22) 14.08.2018 (54) Methods of Preserving the Integrity of Therapeutic Compounds	(71) Ceramic Oxide Fabricators Pty Ltd (21) 2018902921 (22) 10.08.2018 (54) Furnace Oxygen Probe

Provisional Applications Filed - Name Index cont'd

(71) Ceramic Oxide Fabricators Pty Ltd  
(21) 2018902922 (22) 10.08.2018  
(54) Furnace Oxygen Monitoring System

(71) Climate Technologies Pty Ltd  
(21) 2018902927 (22) 10.08.2018  
(54) Ducted Heating and Cooling System

(71) Coleman, W.; Vowles, R.  
(21) 2018902908 (22) 08.08.2018  
(54) Easily Cleaned Eaves Guttering System

(71) Collins, M.  
(21) 2018902957 (22) 13.08.2018  
(54) Sliding body restrictor

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2018902887 (22) 08.08.2018  
(54) Electrochemical flow reactor

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2018902896 (22) 08.08.2018  
(54) RNA molecules

(71) Compare Your Life Pty Ltd  
(21) 2018902941 (22) 13.08.2018  
(54) A computer generated data table comparison interface for the comparison of complex financial products and a system for the generation thereof

(71) CRC Ore Ltd.  
(21) 2018902970 (22) 14.08.2018  
(54) Estimation of Environmental Indicators

(71) Croft Infrastructure Designs Pty. Ltd.  
(21) 2018902907 (22) 09.08.2018  
(54) Disbursing Melbourne's Eastern Free-way traffic

(71) Cura Global Health (BVI) Limited  
(21) 2018902920 (22) 10.08.2018  
(54) Method for treating iron deficiency

(71) DAHER, G.  
(21) 2018902913 (22) 09.08.2018  
(54) Greenery Edge Control Method and Edging Device

Dobra, B. see Dobra, S.  
(21) 2018902925

(71) Dobra, S.; Dobra, B.  
(21) 2018902925 (22) 10.08.2018  
(54) Bed Desk Swivel Table

(71) Drillcut Pty Ltd  
(21) 2018902881 (22) 08.08.2018  
(54) AN ASSEMBLY, KIT AND INSTALLATION

(71) Eadie, T.  
(21) 2018902980 (22) 14.08.2018  
(54) Customized Insole Manufacturing System

Elgart, Y. see Goldshtein, L.  
(21) 2018902935

(71) ELIAS, N.  
(21) 2018902891 (22) 08.08.2018  
(54) GROUND ANCHORING ARRANGEMENT

(71) Fairley, S.  
(21) 2018902905 (22) 09.08.2018  
(54) Improved Animal Insurance

(71) FAST BUILD SYSTEMS PTY LTD  
(21) 2018902890 (22) 08.08.2018  
(54) Preform for a Panel, a Panel and Methods of forming a Preform and Panel

(71) Four Flags Pty Ltd  
(21) 2018902879 (22) 08.08.2018  
(54) Blast hole measurement and logging

(71) GD Pharma Pty Ltd  
(21) 2018902888 (22) 08.08.2018  
(54) Pharmaceutical Compositions

(71) Gilmartin, E.  
(21) 2018902911 (22) 09.08.2018  
(54) A SWIMMING SLEEVE FOR USE WITH AN ANIMAL AND AN ASSOCIATED METHOD

(71) Gippsland Environmental Maintenance Service Pty Ltd  
(21) 2018902923 (22) 10.08.2018  
(54) Trap Alert System

(71) Goldshtein, L.; Elgart, Y.  
(21) 2018902935 (22) 10.08.2018  
(54) ENHANCED AIR CONDITIONER USING WASTE HEAT FOR FIXED OR MOBILE APPLICATIONS

(71) Goranson, H.; Cardier, B.  
(21) 2018901824 (22) 24.05.2018  
(54) System and Method for Multilevel Swarming

(71) Graham, T.  
(21) 2018902916 (22) 09.08.2018  
(54) Handle for a Recreational Board

(71) GroundProbe Pty Ltd  
(21) 2018902869 (22) 07.08.2018  
(54) WALL VISUALISATION FROM VIRTUAL POINT OF VIEW

(71) Guy, W.  
(21) 2018902918 (22) 10.08.2018  
(54) Self-Contained Underwater Jet Assist

(71) HALPIN CONSULTING PTY LTD  
(21) 2018902955 (22) 13.08.2018  
(54) This innovation is a web portal/platform providing functionality to connect Sales Agents/Property Managers with information or data related to their commercial activity through a combination of multiple third-party APIs and our own data. This is a complete end to end solution for real estate agents to undertake sales-based research, due diligence and prospecting. The web portal/platform also provides Property Managers with data and information for processing tenancy applications and reporting negative tenant events.

(71) Hamill, G.  
(21) 2018902882 (22) 08.08.2018  
(54) ELECTRICAL DETECTION SAFETY GLOVE

(71) HAPI HATS PTY LTD  
(21) 2018902965 (22) 13.08.2018  
(54) PRESENTATION PACKAGING

(71) Haventec Pty Ltd  
(21) 2018902873 (22) 07.08.2018  
(54) A Method and System for Securing Data

(71) Hippocratic Oligo Medicine Corporation Pty Ltd  
(21) 2018902926 (22) 10.08.2018  
(54) Acetic Acid-Based Herbicide Composition

(71) HOBBS, B.  
(21) 2018902948 (22) 13.08.2018  
(54) Planter box assembly

(71) Inventivness Pty Ltd  
(21) 2018902914 (22) 09.08.2018  
(54) Modified Garment

Provisional Applications Filed - Name Index cont'd

(71) Ironstone Technology Pty Ltd  
(21) 2018902966 (22) 13.08.2018  
(54) Solar panel cleaning system and components therefor

(71) KALDORBULL PTY LTD  
(21) 2018902982 (22) 14.08.2018  
(54) A System to Improve Performance of Transcritical Carbon Dioxide Cooling Cycles by Utilisation of the Transcritical Waste Heat to Produce Subcooling

(71) KBL Holdings Pty Ltd  
(21) 2018902897 (22) 08.08.2018  
(54) IMPROVED BARRIER

(71) Keegan, P.  
(21) 2018902981 (22) 14.08.2018  
(54) A bat

(71) keightlley, k.  
(21) 2018902878 (22) 08.08.2018  
(54) Quick Mount method for a power drill

(71) Kelly-Mills, A.; Mills, D.  
(21) 2018902871 (22) 07.08.2018  
(54) HEAT TRANSFER DEVICE

(71) Keshi Technologies Pty Ltd; 3D Reactions Pty Ltd  
(21) 2018902868 (22) 07.08.2018  
(54) Upgrading pyrolysis oil to stable fuel

(71) Kittel, S.  
(21) 2018902978 (22) 14.08.2018  
(54) Improved method of combining earthing point and mounting bolt(s) in electrical equipment

(71) Klower, D.  
(21) 2018902969 (22) 14.08.2018  
(54) High speed metal finishing process for improved surface and corrosion resistance

(71) Macquarie University  
(21) 2018902909 (22) 09.08.2018  
(54) Conjugating molecules to antibodies

(71) McGovern, M.  
(21) 2018902946 (22) 13.08.2018  
(54) Golf Swing Aid

(71) McNamara, P.  
(21) 2018902971 (22) 14.08.2018  
(54) A freestanding sound attenuating enclosure for a food blender and a method of utilisation thereof

(71) McPherson, R.  
(21) 2018902872 (22) 07.08.2018  
(54) CHOPPING APPARATUS

(71) Metaxas, P.M.  
(21) 2018902886 (22) 08.08.2018  
(54) A quick-assemble pop-up shed that erects quickly from a flat-pack using a hinge system that does not require tools or any DIY skills. The shed comes with its own base that the walls use to hinge from.

Mills, D. see Kelly-Mills, A.  
(21) 2018902871

(71) Nam, J.  
(21) 2018902893 (22) 08.08.2018  
(54) Double Bin Chute Door System/Kit - Prevent Bin chute pipe blockage - Prevent odor of Rubbishes from bin chute pipe and bin area

(71) Nash, S.  
(21) 2018902919 (22) 10.08.2018  
(54) Fluid Mixing Valve

(71) Nelson, C.  
(21) 2018902880 (22) 08.08.2018  
(54) DECORATIVE AND/OR ACOUSTIC SURFACE COVERING

(71) Nucleotrace Pty. Ltd.  
(21) 2018902928 (22) 10.08.2018  
(54) Systems and methods for identifying a products identity

(71) ONESTEEL WIRE PTY LIMITED  
(21) 2018902903 (22) 09.08.2018  
(54) GRIPPING DEVICE AND METHOD

(71) Orlar Pty Ltd  
(21) 2018902877 (22) 08.08.2018  
(54) HORTICULTURAL APPARATUS AND METHODS

(71) OZKOR Pty. Ltd.  
(21) 2018902874 (22) 07.08.2018  
(54) A pallet

(71) Perry, S.  
(21) 2018902983 (22) 14.08.2018  
(54) FISHING LURE IMPROVEMENTS

(71) Polevine Pty Ltd  
(21) 2018902895 (22) 08.08.2018  
(54) METHOD AND APPARATUS FOR ASSEMBLY AND FABRICATION OF TUNNEL REINFORCEMENT

(71) Portelli, Z.  
(21) 2018902934 (22) 10.08.2018  
(54) Light up Grave site

(71) Primary Sales Australia Pty Ltd  
(21) 2018902973 (22) 14.08.2018  
(54) SEEDING BOOT ASSEMBLY

(71) Purchase, M.  
(21) 2018902974 (22) 14.08.2018  
(54) A Mailbox Lockbox Assembly

(71) Reliance Worldwide Corporation  
(21) 2018902917 (22) 09.08.2018  
(54) Fluid preparation system

(71) Rhino Rack Australia Pty Limited  
(21) 2018902975 (22) 14.08.2018  
(54) An assembly for a load supporting structure for a vehicle

(71) Ridha, H.  
(21) 2018902939 (22) 13.08.2018  
(54) Diathermy tonsillectomy suction dissector apparatus

(71) Rig Pty Ltd  
(21) 2018902931 (22) 10.08.2018  
(54) A ROLLING CHAIR

(71) ROLLONBANDAGE PTY LTD  
(21) 2018902875 (22) 07.08.2018  
(54) The Roll On Bandage is a dispenser for dispensing adhesive bandages, enabling individual bandages to be readily dispensed one at a time, single-handedly.

(71) ROMTECK AUSTRALIA PTY LTD  
(21) 2018902967 (22) 13.08.2018  
(54) HEAT STRESS MONITORS AND METHODS

(71) RUZI GROUP PTY LTD  
(21) 2018902899 (22) 08.08.2018  
(54) A process for closed loop recycling of reusable items including coffee cups, plates, bowls and utensils.

(71) Schutz, M.  
(21) 2018902936 (22) 12.08.2018  
(54) Urban Forest Engineered Paving

(71) Smalley, D.  
(21) 2018902968 (22) 14.08.2018  
(54) Interior and exterior paint application services using technologies in automation including drones, robots, naviga-

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tion systems, scanning and augmented reality.

(71) Smith, D.  
(21) 2018902906 (22) 09.08.2018  
(54) A Lifting Attachment

(71) SpeeDx Pty Ltd  
(21) 2018902915 (22) 09.08.2018  
(54) Multiplex detection of nucleic acids

**St. Vincent's Institute of medical Research  
see The University of Melbourne**  
(21) 2018902889

(71) Stoddart Technology Pty Ltd  
(21) 2018902912 (22) 09.08.2018  
(54) A RELOCATABLE BUILDING AND ASSOCIATED SYSTEM AND METHOD

(71) STRYTEX PTY LTD  
(21) 2018902930 (22) 10.08.2018  
(54) ACTIVITY BASED COMPLIANCE

(71) SUBCOM PTY. LTD.  
(21) 2018902962 (22) 13.08.2018  
(54) Template for Marking Drilling Positions for Electrical and Communications Base/Wall Plate with a Levelling Device

(71) Sward, A.  
(21) 2018902904 (22) 09.08.2018  
(54) A Product with Surprise Action

(71) The Australian National University  
(21) 2018902958 (22) 13.08.2018  
(54) Seeds with altered germination

(71) The Council of the Queensland Institute of Medical Research (QIMR)  
(21) 2018902910 (22) 09.08.2018  
(54) SKELETAL MUSCLE CELL MATURATION

(71) The Trustee for REED TRADING TRUST  
(21) 2018902942 (22) 13.08.2018  
(54) Shelf support

(71) The University of Melbourne; St. Vincent's Institute of medical Research  
(21) 2018902889 (22) 08.08.2018  
(54) METHODS OF INHIBITING TRANSMEMBRANE PROTEINS

(71) The University of Sydney  
(21) 2018902870 (22) 07.08.2018  
(54) Platelet lysate compositions and uses thereof

(71) The University of Sydney; Western Sydney Local Health District  
(21) 2018902954 (22) 13.08.2018  
(54) Catheter ablation device with impedance monitoring

(71) The University of Sydney; Western Sydney Local Health District  
(21) 2018902956 (22) 13.08.2018  
(54) Catheter ablation device with temperature monitoring

(71) Tolson, J.  
(21) 2018902885 (22) 08.08.2018  
(54) WEARABLE APPARATUS

(71) Tooth Rush Pty Ltd  
(21) 2018902940 (22) 13.08.2018  
(54) Apparatus for cleaning teeth

(71) Toro Australia Pty Limited  
(21) 2018902932 (22) 10.08.2018  
(54) SPRINKLER FITTING FOR A BASE

(71) Trouperdale Pty Ltd  
(21) 2018902883 (22) 08.08.2018  
(54) BLAST HOLE LINER

(71) Tucker, P.  
(21) 2018902937 (22) 12.08.2018  
(54) " Built-in; or Adjoining; or (suitably scaled & juxtaposed) Companion Viewing Surface (i.e. as a virtual audio-visual type screen) taking the form of a Mirror" - as an ADDITIONAL FEATURE to be considered in association with previous provisional application, which also related to: means of visual depth-enhancement, submitted on September 30, 2017 (APP. NO. 903965)"

(71) Unasenk Oil Technical Service PTY LTD  
(21) 2018902959 (22) 13.08.2018  
(54) Improved pumping apparatus and system

(71) Varadi, Z.  
(21) 2018902901 (22) 09.08.2018  
(54) Beverage Infuser

(71) Vast Solar Pty Ltd  
(21) 2018902945 (22) 13.08.2018  
(54) Method for heliostat calibration

(71) Vipac Engineers & Scientists Ltd  
(21) 2018902938 (22) 13.08.2018  
(54) A wire rope safety barrier tension monitoring system

**Vowles, R. see Coleman, W.**  
(21) 2018902908

(71) Waterborne Development Company Pty Limited  
(21) 2018902884 (22) 08.08.2018  
(54) A WATER-BUOYANT STRUCTURE

(71) Watson, S.  
(21) 2018902979 (22) 14.08.2018  
(54) 'What If' Chess

**Western Sydney Local Health District see  
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(21) 2018902954

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(21) 2018902956

(71) Zohan Pty Ltd  
(21) 2018902902 (22) 09.08.2018  
(54) SYSTEM AND METHOD FOR DETERMINING A PROPERTY INVESTMENT PORTFOLIO

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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 7 Aug 2018 .

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

<hr/> <p>(71) 1 Space Pty Ltd (21) 2018217199 (22) 13.08.2018 (54) Modular Buildings (62) 2013289860</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2018214124 (22) 10.08.2018 (54) Methods and apparatuses for providing adverse condition notification in analyte monitoring systems (62) 2013315054</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2018214000 (22) 07.08.2018 (54) AGGREGATING DATA IN A MEDIATION SYSTEM (62) 2013297031</p> <hr/> <p><b>Abrams, M. see North, J.</b> (21) 2018214160</p> <hr/> <p>(71) Acorn Engineering Company (21) 2018217204 (22) 13.08.2018 (54) Refill and wash down assembly, and toilet (31) 15/686,616 (32) 25.08.17 (33) US</p> <hr/> <p>(71) Adobe Systems Incorporated (21) 2018213997 (22) 07.08.2018 (54) SELF-LEARNING MODEL AND APPARATUS FOR SMART FEATURE SUGGESTIONS BASED ON TEXTUAL ANALYSIS (31) 15/694,173 (32) 01.09.17 (33) US</p> <hr/> <p>(71) Adobe Systems Incorporated (21) 2018213999 (22) 07.08.2018 (54) DEEP SALIENT OBJECT SEGMENTATION (31) 15/799,395 (32) 31.10.17 (33) US</p> <hr/> <p>(71) Adobe Systems Incorporated (21) 2018214157 (22) 12.08.2018 (54) A NOVEL MULTICLASS ARCHITECTURE FOR EXPERIENCE TARGETING USING BAYESIAN APPROACH (31) 15/787,369 (32) 18.10.17 (33) US</p> <hr/> <p>(71) Ainsworth Game Technology Limited (21) 2018214136 (22) 10.08.2018</p>	<p>(54) A gaming machine and method with sicbo type feature (31) 15/674,027 (32) 10.08.17 (33) US</p> <hr/> <p>(71) Ainsworth Game Technology Limited (21) 2018216190 (22) 13.08.2018 (54) A Gaming Machine and Method with Repeat Win Trigger</p> <hr/> <p>(71) Allergan, Inc. (21) 2018214139 (22) 10.08.2018 (54) Topical dapsonone and dapsonone/adapalene compositions and methods for use thereof (62) 2013348247</p> <hr/> <p>(71) Alsentis, LLC (21) 2018217209 (22) 13.08.2018 (54) Apparatus for determining a touch input stimulus (62) 2013251459</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2018214035 (22) 08.08.2018 (54) PACKING BOX FOR SHUFFLED PLAYING CARDS (62) 2017203842</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2018214112 (22) 09.08.2018 (54) TABLE GAME SYSTEM (62) 2014413385</p> <hr/> <p>(71) Antecip Bioventures II LLC (21) 2018214132 (22) 10.08.2018 (54) COMPOSITIONS COMPRISING ZOLEDRONIC ACID OR RELATED COMPOUNDS FOR RELIEVING INFLAMMATORY PAIN AND RELATED CONDITIONS (62) 2016256701</p> <hr/> <p>(71) Apple Inc. (21) 2018214059 (22) 08.08.2018 (54) Audio system with configurable zones (62) 2017202717</p> <hr/> <p>(71) Apple Inc. (21) 2018214074 (22) 09.08.2018 (54) Electronic device for digital object management (62) 2017201548</p>	<hr/> <p>(71) Apple Inc. (21) 2018214097 (22) 09.08.2018 (54) Touch and hover sensing (62) 2016200766</p> <hr/> <p>(71) Apple Inc. (21) 2018214121 (22) 10.08.2018 (54) Real-time digital assistant knowledge updates (62) 2015284756</p> <hr/> <p>(71) Araxes Pharma LLC (21) 2018214014 (22) 07.08.2018 (54) Covalent inhibitors of KRas G12C (62) 2014239542</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018214025 (22) 07.08.2018 (54) MULTI-DIMENSIONAL PLAYER LOYALTY REWARDS SYSTEM AND METHOD (62) 2016202895</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018214060 (22) 08.08.2018 (54) A GAMING SYSTEM</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018214061 (22) 08.08.2018 (54) A GAMING SYSTEM</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018214072 (22) 09.08.2018 (54) Computer System Based Gaming Device, System and Method (62) 2016210781</p> <hr/> <p>(71) Ascend Safe Limited (21) 2018214006 (22) 07.08.2018 (54) FALL ARREST SYSTEM</p> <hr/> <p>(71) Aspen Aerogels, Inc. (21) 2018214125 (22) 10.08.2018 (54) Improved hydrophobic aerogel materials (62) 2015327930</p>
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(71) Avent, Inc.  
 (21) 2018214141 (22) 10.08.2018  
 (54) System and method for navigation to a target anatomical object in medical imaging-based procedures  
 (62) 2017268489

(71) BAYER CROPSOURCE AG  
 (21) 2018214009 (22) 07.08.2018  
 (54) Composition comprising a pesticidal terpene mixture and a fungicide  
 (62) 2017201422

(71) BAYER PHARMA AKTIENGESELLSCHAFT  
 (21) 2018214096 (22) 09.08.2018  
 (54) Formulation for bispecific T-cell engagers (BITES)  
 (62) 2013343638

(71) Beijing Hanergy Solar Power Investment Co., Ltd.  
 (21) 2018214062 (22) 08.08.2018  
 (54) DEVICE, SYSTEM AND METHOD FOR CONTROLLING POWER ON/OFF OF SOLAR MODULE  
 (31) 201820639124.8 (32) 28.04.18 (33) CN  
 201820558437.0 18.04.18 CN  
 201810402230.9 28.04.18 CN

(71) Beijing Hanergy Solar Power Investment Co., Ltd.  
 (21) 2018214063 (22) 08.08.2018  
 (54) SOLAR MODULE JUNCTION BOX, SOLAR SYSTEM AND CONTROL METHOD FOR SOLAR MODULE  
 (31) 201820639106.X (32) 28.04.18 (33) CN  
 201810402227.7 28.04.18 CN

**BINUN, P. see GUSTAVSSON, M.L.A.**  
 (21) 2018214043

(71) Bio-Rad Laboratories, Inc.  
 (21) 2018214120 (22) 10.08.2018  
 (54) System and method for determining an optimum QC strategy for immediate release results  
 (62) 2012272906

(71) Biosense Webster (Israel) Ltd.  
 (21) 2018214020 (22) 07.08.2018  
 (54) A MEDICAL SUCTION TOOL FOR A EUSTACHIAN TUBE  
 (31) 15/674,369 (32) 10.08.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
 (21) 2018214021 (22) 07.08.2018

(54) METHOD AND APPARATUS FOR PERFORMING FACIAL REGISTRATION  
 (31) 15/673,824 (32) 10.08.17 (33) US  
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(71) Biosense Webster (Israel) Ltd.  
 (21) 2018214130 (22) 10.08.2018  
 (54) METHOD FOR MAKING A LOW OHMIC PRESSURE-CONTACT ELECTRICAL CONNECTION BETWEEN SPLIT RING ELECTRODE AND LEAD WIRE  
 (62) 2014201196

(71) Blackburn, R.  
 (21) 2018217201 (22) 13.08.2018  
 (54) Improved fluid dispensing apparatus  
 (31) 15/675,687 (32) 11.08.17 (33) US  
 1719690.8 15.03.18 GB

(71) Bobrick Washroom Equipment, Inc.  
 (21) 2018214155 (22) 10.08.2018  
 (54) Method of operating a dryer and towel dispenser combination  
 (62) 2014225593

(71) Breville Pty Limited  
 (21) 2018217207 (22) 13.08.2018  
 (54) Lid with check valve  
 (62) 2014336969

(71) Brien Holden Vision Institute  
 (21) 2018214108 (22) 09.08.2018  
 (54) Lenses, devices, methods and systems for refractive error  
 (62) 2013243237

(71) Brilliant Light Power, Inc.  
 (21) 2018217208 (22) 13.08.2018  
 (54) Power generation systems and methods regarding same  
 (62) 2014351491

(71) CareFusion 303, Inc.  
 (21) 2018214010 (22) 07.08.2018  
 (54) Needleless connector with support member  
 (62) 2014228543

(71) Caterpillar Inc.  
 (21) 2018214045 (22) 08.08.2018  
 (54) SYSTEM AND METHOD FOR UNDERGROUND MACHINE LOCATION DETECTION  
 (31) 15/682,822 (32) 22.08.17 (33) US

(71) Caterpillar Inc.  
 (21) 2018214095 (22) 09.08.2018  
 (54) SYSTEM AND METHOD FOR DETECTION OF LOADING LOCATION  
 (31) 15/682,810 (32) 22.08.17 (33) US

(71) CELLOS SOFTWARE LIMITED  
 (21) 2018214067 (22) 09.08.2018  
 (54) METHOD AND SYSTEM FOR DETECTING ANOMALIES IN CONSUMPTION OF DATA AND CHARGING OF DATA SERVICES

(71) Chill Gaming Pty Ltd  
 (21) 2018214028 (22) 07.08.2018  
 (54) Audio system  
 (62) 2017204097

**Cho, D. see Lee, S.K.**  
 (21) 2018214057

(71) CiDRA Corporate Services Inc.  
 (21) 2018214007 (22) 07.08.2018  
 (54) Polymer surfaces having a siloxane functional group  
 (62) 2014265626

(71) Computime, Ltd.  
 (21) 2018214046 (22) 08.08.2018  
 (54) Smart and robust wall socket with integrated universal serial bus (USB)  
 (31) 62/551,334 (32) 29.08.17 (33) US  
 15/985,187 21.05.18 US

(71) Contact Solutions, LLC  
 (21) 2018214159 (22) 13.08.2018  
 (54) APPARATUS AND METHODS FOR MULTI-MODE ASYNCHRONOUS COMMUNICATION  
 (62) 2013251783

(71) CONTAINER ROTATION SYSTEMS PTY LTD  
 (21) 2018214082 (22) 09.08.2018  
 (54) A CARGO CONTAINER  
 (31) 2017903561 (32) 04.09.17 (33) AU

(71) Cook Medical Technologies LLC  
 (21) 2018214103 (22) 09.08.2018  
 (54) A STENT-GRAFT

(71) Coolamon Steelworks Pty Ltd  
 (21) 2018214140 (22) 10.08.2018  
 (54) AGRICULTURAL BIN  
 (31) 2017903187 (32) 10.08.17 (33) AU

(71) Costales, D.  
 (21) 2018213985 (22) 07.08.2018  
 (54) Gutter Pro-Tec An ultimate gutter protection from ladder. Protects the gutter from getting dented and scratched due to the weight of the ladder and the person climbing up onto the top of a domestic and commercial building roofs, preventing the ladder from slipping and falling off from the gutter and for safety measures. For professionals and for Do It Yourself (DIY).

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<p>(71) Covidien LP (21) 2018214052 (22) 08.08.2018 (54) Surgical access system (31) 62/550,783 (32) 28.08.17 (33) US 16/043,907 24.07.18 US</p>	<p>(71) DePuy Synthes Products, Inc. (21) 2018214069 (22) 09.08.2018 (54) FILMS AND METHODS OF MANUFACTURE (62) 2014281010</p>	<p>(71) EISAI R&amp;D MANAGEMENT CO., LTD. (21) 2018214086 (22) 09.08.2018 (54) Use of eribulin in the treatment of breast cancer (62) 2013353745</p>
<p>(71) Covidien LP (21) 2018214054 (22) 08.08.2018 (54) Loading unit for a surgical stapling instrument (31) 62/549,679 (32) 24.08.17 (33) US 16/047,706 27.07.18 US</p>	<p>(71) DIFFERENT TECHNOLOGIES PTY LTD (21) 2018214076 (22) 09.08.2018 (54) A PROPERTY SERVICES MANAGEMENT SYSTEM AND METHOD OF PROVIDING PROPERTY SERVICES (31) 2017903237 (32) 14.08.17 (33) AU</p>	<p>(71) Encompass Corporation Pty Ltd (21) 2018214042 (22) 08.08.2018 (54) INFORMATION DISPLAYING METHOD AND APPARATUS (62) 2016204098</p>
<p>(71) Crown Resorts Limited (21) 2018214091 (22) 09.08.2018 (54) METHOD, SYSTEM AND APPARATUS FOR COMPLIANCE METERING AND REPORTING (31) 2017903169 (32) 09.08.17 (33) AU 2018901924 30.05.18 AU</p>	<p>(71) Dolby International AB (21) 2018214048 (22) 08.08.2018 (54) Processing of Audio Signals During High Frequency Reconstruction (62) 2016202767</p>	<p>(71) Equilume Limited (21) 2018214106 (22) 09.08.2018 (54) AN APPARATUS AND METHOD FOR INHIBITING MELATONIN SYNTHESIS IN A HORSE (62) 2016231515</p>
<p>(71) Crystalgenomics, Inc. (21) 2018214134 (22) 10.08.2018 (54) 2,3-dihydro-isoindol-1-on derivative as BTK kinase suppressant, and pharmaceutical composition including same (62) 2013371146</p>	<p>Donini, O. see North, J. (21) 2018214160</p>	<p>(71) Ethicon, Inc. (21) 2018214019 (22) 07.08.2018 (54) VOLUME EXPANDERS FOR ENDOSCOPES (31) 15/674,000 (32) 10.08.17 (33) US</p>
<p>(71) CUMBERLAND PHARMACEUTICALS INC.; Vanderbilt University (21) 2018214135 (22) 10.08.2018 (54) Compositions and Methods of Treating Cardiac Fibrosis with Ifetroban (62) 2015258805</p>	<p>(71) Donuts Inc. (21) 2018214153 (22) 10.08.2018 (54) Domain protected marks list based techniques for managing domain name registrations (62) 2016250487</p>	<p>(71) Evogene Ltd. (21) 2018214089 (22) 09.08.2018 (54) Isolated Polynucleotides and Polypeptides and Methods of Using Same for Increasing Plant Yield, Biomass, Growth Rate, Vigor, Oil Content, Abiotic Stress Tolerance of Plants and Nitrogen Use Efficiency (62) 2016231586</p>
<p>(71) CytomX Therapeutics, Inc. (21) 2018214147 (22) 10.08.2018 (54) Modified Antibody Compositions, Methods of Making and Using Thereof (62) 2016225810</p>	<p>(71) Dow AgroSciences LLC (21) 2018214049 (22) 08.08.2018 (54) 4-amino-6-(heterocyclic)picolinates and 6-amino-2-(heterocyclic) pyrimidine-4-carboxylates and their use as herbicides (62) 2014235452</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2018214083 (22) 09.08.2018 (54) ZONE HEATING FOR RESPIRATORY CIRCUITS (62) 2013345487</p>
<p>(71) D4D Technologies, LLC (21) 2018214026 (22) 07.08.2018 (54) Intra-oral scanning device with illumination frames interspersed with image frames (62) 2014211981</p>	<p>(71) Eavor Technologies Inc (21) 2018214071 (22) 09.08.2018 (54) METHOD AND APPARATUS FOR REPURPOSING WELL SITES FOR GEOTHERMAL ENERGY PRODUCTION (31) 62/579,305 (32) 31.10.17 (33) US</p>	<p>(71) Freestyle Technology Pty Ltd (21) 2018214117 (22) 10.08.2018 (54) A meter device (62) 2016202559</p>
<p>(71) DEKA Products Limited Partnership (21) 2018214031 (22) 08.08.2018 (54) APPARATUS AND METHODS FOR HEMODIALYSIS (62) 2016201358</p>	<p>(71) Ecolab Inc. (21) 2018214018 (22) 07.08.2018 (54) Foaming alcohol compositions with selected dimethicone surfactants (62) 2017203607</p>	<p>(71) Genentech, Inc. (21) 2018214131 (22) 10.08.2018 (54) Treatment with anti-VEGF antibodies (62) 2016273891</p>
<p>(71) DEKA Products Limited Partnership (21) 2018214031 (22) 08.08.2018 (54) APPARATUS AND METHODS FOR HEMODIALYSIS (62) 2016201358</p>	<p>(71) Ecolab USA Inc. (21) 2018214102 (22) 09.08.2018 (54) Antimicrobial foaming compositions containing cationic active ingredients (62) 2015296250</p>	<p>(71) GENENTECH, INC. (21) 2018214077 (22) 09.08.2018</p>

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(54) Compositions and methods for regulating cell osmolarity  
(62) 2016203353

(71) General Electric Company  
(21) 2018217203 (22) 13.08.2018  
(54) COLOR STABLE RED-EMITTING PHOSPHORS  
(62) 2017200092

(71) Geneweave Biosciences, Inc.  
(21) 2018214156 (22) 11.08.2018  
(54) SYSTEMS AND METHODS FOR DETECTION OF CELLS USING ENGINEERED TRANSDUCTION PARTICLES  
(62) 2018203991

(71) GEN-PROBE INCORPORATED  
(21) 2018214081 (22) 09.08.2018  
(54) Methods and compositions for quantitative detection of nucleic acid sequences over an extended dynamic range  
(62) 2016225806

(71) Gilead Sciences, Inc.  
(21) 2018214100 (22) 09.08.2018  
(54) Syk inhibitors  
(62) 2015290041

(71) Glasses.com Inc.  
(21) 2018214005 (22) 07.08.2018  
(54) Systems and methods for generating a 3-D model of a virtual try-on product  
(62) 2013266192

(71) Glasspoint Solar, Inc.  
(21) 2018214085 (22) 09.08.2018  
(54) Direct Solar Steam Generation  
(62) 2016204109

(71) Grifols Worldwide Operations Limited  
(21) 2018214143 (22) 10.08.2018  
(54) Apparatus for gravity emptying bottles containing frozen blood product comprising a unit for monitoring emptying and emptying method  
(31) 17382713.0 (32) 24.10.17 (33) EP

(71) GUSTAVSSON, M.L.A.; BINUN, P.  
(21) 2018214043 (22) 08.08.2018  
(54) Laser shaving  
(62) 2014228348

(71) Halliburton Energy Services, Inc.  
(21) 2018214015 (22) 07.08.2018  
(54) Formation interface assembly (FIA)  
(31) 15/846,529 (32) 19.12.17 (33) US

(71) Halliburton Energy Services, Inc.  
(21) 2018214041 (22) 08.08.2018

(54) COMPRESSION ACTIVATED BYPASS VALVE  
(62) 2015395669

(71) Halliburton Energy Services, Inc.  
(21) 2018214073 (22) 09.08.2018  
(54) COMPATIBILIZED RESIN-CEMENT COMPOSITE COMPOSITIONS  
(62) 2014407188

**Harbin Institute of Technology, Shenzhen see Research Institute of Tsinghua University in Shenzhen**  
(21) 2018214101

**Harris, L. see Pearson, J.**  
(21) 2018214088

(71) Hay, R.  
(21) 2018214056 (22) 08.08.2018  
(54) Computer-controlled, unattended, automated checkout store outlet  
(62) 2014251101

(71) HBG IP Holding Pty Limited  
(21) 2018217211 (22) 13.08.2018  
(54) A Child Restraint for a Vehicle  
(31) 2017903231 (32) 11.08.17 (33) AU

(71) HES-tec B.V.  
(21) 2018214079 (22) 09.08.2018  
(54) EQUINE GROOMING DEVICE AND METHOD FOR USE OF SUCH A DEVICE FOR KEEPING A HORSE MANE'S BRAID IN A ROLLED UP OR FOLDED KNOT  
(31) 15/704,543 (32) 14.09.17 (33) US  
2019697 10.10.17 NL  
17195739.2 10.10.17 EP

**Hilsley, B. see Hilsley, E.**  
(21) 2018214012

(71) Hilsley, E.; Hilsley, B.  
(21) 2018214012 (22) 07.08.2018  
(54) Seal delivery tracking system  
(62) 2015267227

(71) Hodge Products, Inc.  
(21) 2018217200 (22) 13.08.2018  
(54) Lid Locking Apparatus and Method for Trash Container  
(31) 15/678,949 (32) 16.08.17 (33) US  
16/059,968 09.08.18 US

(71) Honda Motor Co., Ltd.  
(21) 2018214145 (22) 10.08.2018  
(54) Saddle riding vehicle  
(31) 2017-165540 (32) 30.08.17 (33) JP

(71) Huawei Technologies Co., Ltd.  
(21) 2018214080 (22) 09.08.2018  
(54) METHOD AND DEVICE FOR USER DEVICE TO SAVE POWER  
(62) 2014395016

(71) Huawei Technologies Co., Ltd.  
(21) 2018214113 (22) 09.08.2018  
(54) AUDIO SIGNAL CLASSIFICATION METHOD AND APPARATUS  
(62) 2017228659

(71) Hunter Douglas Inc.  
(21) 2018217231 (22) 14.08.2018  
(54) Multi-roller covering for an architectural opening  
(62) 2014278079

(71) I.G. Cardboard Technologies Ltd.  
(21) 2018214107 (22) 09.08.2018  
(54) Rim brake system and a tire  
(62) 2016357659

(71) IGT  
(21) 2018214011 (22) 07.08.2018  
(54) Augmented Reality Systems and Methods for Gaming  
(31) 15/672,560 (32) 09.08.17 (33) US

(71) IGT  
(21) 2018214093 (22) 09.08.2018  
(54) Concurrent Gaming with Gaze Detection  
(31) 15/677,133 (32) 15.08.17 (33) US

(71) Illumina, Inc.  
(21) 2018214055 (22) 08.08.2018  
(54) Multilayer Fluidic Devices And Methods For Their Fabrication  
(62) 2013382089

(71) INCYTE HOLDINGS CORPORATION  
(21) 2018217210 (22) 13.08.2018  
(54) THIAZOLECARBOXAMIDES AND PYRIDINECARBOXAMIDE COMPOUNDS USEFUL AS PIM KINASE INHIBITORS  
(62) 2014207691

**Indigenous Defence Technologies see Pearson, J.**  
(21) 2018214088

**Institute for Research in Biomedicine see Regeneron Pharmaceuticals, Inc.**  
(21) 2018213980

(71) InteRNA Technologies BV; Koninklijke Nederlandse Akademie van Wetenschappen  
(21) 2018214137 (22) 10.08.2018

Complete Applications Filed - Name Index cont'd

(54) MiRNA and its diagnostic therapeutic uses in diseases or conditions associated with melanoma, or in diseases or conditions associated with activated BRAF pathway  
(62) 2017200853

(71) Interscope, Inc.  
(21) 2018214129 (22) 10.08.2018  
(54) ENDOSCOPE INCLUDING A TORQUE GENERATION COMPONENT OR TORQUE DELIVERY COMPONENT DISPOSED WITHIN AN INSERTABLE PORTION OF THE ENDOSCOPE AND A SURGICAL CUTTING ASSEMBLY INSERTABLE WITHIN THE ENDOSCOPE  
(62) 2015323910

(71) Intrinsic Lifesciences LLC  
(21) 2018214008 (22) 07.08.2018  
(54) ANTI-HEPCIDIN ANTIBODIES AND USES THEREOF  
(62) 2014236677

(71) Janssen Pharmaceutica NV  
(21) 2018214053 (22) 08.08.2018  
(54) Benzo-fused heterocyclic derivatives useful as agonists of GPR120  
(62) 2014241397

(71) Joy Global Underground Mining LLC  
(21) 2018214070 (22) 09.08.2018  
(54) Magnetic seal for conveyor belt assembly  
(31) 15/678,521 (32) 16.08.17 (33) US

**Koninklijke Nederlandse Akademie van Wetenschappen see InteRNA Technologies BV**  
(21) 2018214137

(71) Landmark Graphics Corporation  
(21) 2018214036 (22) 08.08.2018  
(54) SYSTEMS AND METHODS FOR PLANNING WELL LOCATIONS WITH DYNAMIC PRODUCTION CRITERIA  
(62) 2016222449

(71) Lee, S.  
(21) 2018214024 (22) 07.08.2018  
(54) Smartloo Cleaner

(71) Lee, S.K.; Cho, D.  
(21) 2018214057 (22) 08.08.2018  
(54) Smartloo Bowl and Tank Cleaner

**Lee, J. see North, J.**  
(21) 2018214160

(71) LG Chem, Ltd.  
(21) 2018214037 (22) 08.08.2018  
(54) METHOD FOR MODULATING GALACTOSYLATION OF RECOMBINANT PROTEIN THROUGH OPTIMIZATION OF CULTURE MEDIUM  
(62) 2015211514

(71) LivePerson, Inc.  
(21) 2018214099 (22) 09.08.2018  
(54) Analytics driven engagement  
(62) 2013217027

(71) Macrogenics, Inc.  
(21) 2018214151 (22) 10.08.2018  
(54) PD-1-BINDING MOLECULES AND METHODS OF USE THEREOF  
(62) 2016298227

(71) Magnetite (Australia) Pty Ltd  
(21) 2018214126 (22) 10.08.2018  
(54) Window shutter assembly  
(31) 2017903195 (32) 10.08.17 (33) AU

(71) MARTIN GmbH für Umwelt- und Energietechnik  
(21) 2018214150 (22) 10.08.2018  
(54) Combustion plant and method for operating a combustion plant  
(31) 10 2017 008 123.9 (32) 30.08.17 (33) DE

(71) MasterCraft Boat Company, LLC  
(21) 2018214002 (22) 07.08.2018  
(54) Steering mechanism for a boat having a planing hull  
(62) 2017202146

(71) McDonnell, V.  
(21) 2018214023 (22) 07.08.2018  
(54) Improved Inflatable Product Transportation System And Display Bin  
(31) 2017903214 (32) 11.08.17 (33) AU

(71) MED-EL Elektromedizinische Geraete GmbH  
(21) 2018214013 (22) 07.08.2018  
(54) Cochlear implant fitting via efferent nerve fibers  
(62) 2016205262

(71) Miles, S.  
(21) 2018214078 (22) 09.08.2018  
(54) CARGO BARRIERS  
(62) 2015283810

(71) Minesense Technologies Ltd.  
(21) 2018214109 (22) 09.08.2018  
(54) Extracting mined ore, minerals or other materials using sensor-based sorting  
(62) 2017202941

(71) Multisteps Pty Ltd  
(21) 2018214161 (22) 13.08.2018  
(54) A Produce Container  
(62) 2014250622

(71) nbn co limited  
(21) 2018214022 (22) 07.08.2018  
(54) Method and system to identify a data port in a telecommunication network

(71) NeoStrata Company, Inc.  
(21) 2018214068 (22) 09.08.2018  
(54) N-acyldipeptide derivatives and their uses  
(62) 2017204620

(71) Nestec S.A.  
(21) 2018214104 (22) 09.08.2018  
(54) Pathway specific assays for predicting irritable bowel syndrome diagnosis  
(62) 2014269960

(71) Nestec S.A.  
(21) 2018217206 (22) 13.08.2018  
(54) Synthetic milk compositions for optimal growth and development and prevention of obesity in male and female infant and children  
(62) 2014361224

(71) Nien Made Enterprise Co., Ltd.  
(21) 2018214092 (22) 09.08.2018  
(54) Control System for Window Shutter  
(31) 15/700,809 (32) 11.09.17 (33) US

(71) Nokia Solutions and Networks Oy  
(21) 2018214038 (22) 08.08.2018  
(54) Methods, apparatuses, and computer program products for providing dynamic uplink-downlink reconfiguration information to user equipments  
(62) 2014283410

(71) North, J.; Soligenix, Inc.; Lee, J.; Rozek, A.; Abrams, M.; Donini, O.  
(21) 2018214160 (22) 13.08.2018  
(54) NOVEL PEPTIDES AND ANALOGS FOR USE IN THE TREATMENT OF ORAL MUCOSITIS  
(62) 2014318247

(71) Novomatic AG  
(21) 2018217235 (22) 14.08.2018  
(54) Point of sale system and method  
(62) 2016213709

(71) Pangang Group Panzhihua Iron & Steel Research Institute Co., Ltd.  
(21) 2018217232 (22) 14.08.2018

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<p>(54) HEAVY-GAUGE TI-CONTAINING WEATHERING STEEL AND MANUFACTURING METHOD THEREOF (31) 201710701130.1 (32) 16.08.17 (33) CN</p>	<p>(71) Precision Planting LLC (21) 2018214094 (22) 09.08.2018 (54) Methods and systems for seed variety selection (62) 2014324424</p>	<p>(71) S&amp;C Electric Company (21) 2018214050 (22) 08.08.2018 (54) DROPOUT RECLOSER (62) 2016208302</p>
<p>(71) Pangang Group Research Institute Co., Ltd. (21) 2018214003 (22) 07.08.2018 (54) POST-WELD HEAT TREATMENT METHOD FOR WELDED JOINTS OF BAINITIC RAILS (31) 201710666513.X (32) 07.08.17 (33) CN</p>	<p>(71) PRESTON, J. (21) 2018214133 (22) 10.08.2018 (54) SCAFFOLDING (62) 2016200710</p>	<p><b>Sage Therapeutics, Inc. see Washington University</b> (21) 2018217213</p>
<p>(71) Patent Investment &amp; Licensing Company (21) 2018214138 (22) 10.08.2018 (54) Methods for Placing, Selling, or Accepting Bets (31) 62/544,067 (32) 11.08.17 (33) US 62/652,699 04.04.18 US 16/057,922 08.08.18 US</p>	<p>(71) R.P. Scherer Technologies, LLC (21) 2018214110 (22) 09.08.2018 (54) Abuse resistant capsule (62) 2014230481</p>	<p>(71) SAINT-GOBAIN GLASS FRANCE (21) 2018217202 (22) 13.08.2018 (54) Viscoelastic plastic interlayer for vibroacoustic damping and glazing unit comprising such an interlayer (62) 2017200502</p>
<p>(71) Pearson, J.; Harris, L.; Indigenous Defence Technologies (21) 2018214088 (22) 09.08.2018 (54) Q-switched Er:YAG Optics Laser. (31) 2018900970 (32) 23.03.18 (33) AU</p>	<p>(71) Rattlejack Innovations Pty Ltd (21) 2018214065 (22) 09.08.2018 (54) A Safety Plug (31) 2017903245 (32) 14.08.17 (33) AU 2018900744 07.03.18 AU</p>	<p>(71) Samsung Electronics Co., Ltd. (21) 2018214146 (22) 10.08.2018 (54) MOBILE COMMUNICATION SYSTEM, DIFFERENT MOBILE DEVICES SHARING SAME PHONE NUMBER ON MOBILE COMMUNICATION SYSTEM, AND METHOD OF PROVIDING MOBILE COMMUNICATION SERVICE BETWEEN DIFFERENT MOBILE DEVICES SHARING SAME PHONE NUMBER (62) 2015297192</p>
<p>(71) PETROLIAM NASIONAL BERHAD (PETRONAS) (21) 2018214123 (22) 10.08.2018 (54) IONIC LIQUID SOLVENTS OF PERHALIDE TYPE FOR METALS AND METAL COMPOUNDS (62) 2016202664</p>	<p>(71) Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (21) 2018213980 (22) 06.08.2018 (54) Humanized M-CSF mice (62) 2012217836, 2015202020, 2016259284</p>	<p>(71) SDI Corporation (21) 2018214154 (22) 10.08.2018 (54) WRITING TOOL (31) 106131962 (32) 18.09.17 (33) TW</p>
<p>(71) Pivot Electronics Pty Ltd (21) 2018214142 (22) 10.08.2018 (54) Terminal and disconnection link (62) 2014253680</p>	<p>(71) Renegyxx Pty Limited (21) 2018214152 (22) 10.08.2018 (54) Fault detection in power transmission systems (31) 2017903241 (32) 14.08.17 (33) AU</p>	<p>(71) Smith, S. (21) 2018214158 (22) 12.08.2018 (54) Ducted Camp Heater (31) 2017903254 (32) 14.08.17 (33) AU</p>
<p>(71) PlaySpan Inc. (21) 2018214967 (22) 13.08.2018 (54) FLEXIBLE MONETIZATION SERVICE APPARATUSES, METHODS AND SYSTEMS (62) 2017200131</p>	<p>(71) Research Institute of Tsinghua University in Shenzhen; Harbin Institute of Technology, Shenzhen (21) 2018214101 (22) 09.08.2018 (54) Graphene composite film modified by single crystal sapphire whiskers as well as preparation method and application thereof</p>	<p>(71) Smith &amp; Nephew, Inc. (21) 2018214118 (22) 10.08.2018 (54) Biofilm resistant medical implant (62) 2014292972</p>
<p>(71) Plithos Renewables Pty Ltd (21) 2018214030 (22) 08.08.2018 (54) Joist Hanger Brick (61) 2018213970</p>	<p>(71) RIGEL PHARMACEUTICALS, INC. (21) 2018217196 (22) 13.08.2018 (54) Compositions and methods for inhibition of the JAK pathway (62) 2016225851</p>	<p><b>Soligenix, Inc. see North, J.</b> (21) 2018214160</p>
<p>(71) Polaris Industries Inc. (21) 2018214090 (22) 09.08.2018 (54) Engine (62) 2016204751</p>	<p><b>Rozek, A. see North, J.</b> (21) 2018214160</p>	<p>(71) Sungbo Industrial Co., Ltd. (21) 2018214058 (22) 08.08.2018 (54) Bucket tooth of excavator (31) 10-2017-0100911 (32) 09.08.17 (33) KR</p>
<p>(71) Polaris Industries Inc. (21) 2018214119 (22) 10.08.2018 (54) All terrain vehicle (62) 2016238831</p>	<p>(71) Rust-Oleum Corporation (21) 2018214149 (22) 10.08.2018 (54) Propellantless aerosol system (62) 2016228320</p>	<p>(71) Synedgen, Inc. (21) 2018214144 (22) 10.08.2018 (54) Methods for Treatment or Prevention of Damage Resulting from Radiation, Trauma or Shock (62) 2013317871</p>
		<p>(71) Tata Consultancy Services Limited (21) 2018217230 (22) 14.08.2018</p>

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(54) AUTOMATED SYSTEM FOR OPTIMIZ-  
ING BATCH PROCESSING TIME  
(31) 201721028920 (32) 14.08.17 (33) ID

(71) Telezygology Inc  
(21) 2018214004 (22) 07.08.2018  
(54) Lockout/Tagout System  
(31) 2017903124 (32) 07.08.17 (33) AU

(71) Terex Australia Pty Ltd  
(21) 2018217205 (22) 13.08.2018  
(54) Crane Load Rating System  
(62) 2014231780

(71) The Boeing Company  
(21) 2018214040 (22) 08.08.2018  
(54) Commercial satellite operations with se-  
cure enclave for payload operations  
(31) 15/724,125 (32) 03.10.17 (33) US

(71) The Boeing Company  
(21) 2018214044 (22) 08.08.2018  
(54) Composite sound absorption panel as-  
sembly  
(31) 15/719,854 (32) 29.09.17 (33) US

(71) The Boeing Company  
(21) 2018214066 (22) 09.08.2018  
(54) Automated detection and avoidance  
system  
(31) 15/675,591 (32) 11.08.17 (33) US

(71) The Boeing Company  
(21) 2018214148 (22) 10.08.2018  
(54) Secure and disruption-tolerant com-  
munications for unmanned underwater  
vehicles  
(31) 15/724,831 (32) 04.10.17 (33) US

(71) The Boeing Company  
(21) 2018214162 (22) 13.08.2018  
(54) System and method for optimizing hori-  
zontal tail loads  
(62) 2015200726

(71) The Boeing Company  
(21) 2018217233 (22) 14.08.2018  
(54) Tailoring high strength aluminum alloys  
for additive manufacturing through the  
use of grain refiners  
(31) 15/687,330 (32) 25.08.17 (33) US

(71) The Boeing Company  
(21) 2018217234 (22) 14.08.2018  
(54) Carbon nanotube enhanced polymers  
and methods for manufacturing the  
same  
(31) 15/825,745 (32) 29.11.17 (33) US  
62/550,178 25.08.17 US

(71) The Curators of the University of Mis-  
souri  
(21) 2018214029 (22) 07.08.2018  
(54) Engineered Comestible Meat  
(62) 2016204474

(71) Theranos, Inc.  
(21) 2018213998 (22) 07.08.2018  
(54) Femtowatt non-vacuum tube detector  
assembly  
(62) 2014232375

(71) The Schepens Eye Research Institute  
(21) 2018214122 (22) 10.08.2018  
(54) PHENOTYPE PROFILE OF HUMAN  
RETINAL PROGENITOR CELLS  
(62) 2013221458

(71) The University of Melbourne  
(21) 2018214017 (22) 07.08.2018  
(54) Quantum Spin Magnetometer

(71) Trevi Therapeutics, Inc.  
(21) 2018214098 (22) 09.08.2018  
(54) Methods for treating pruritus  
(62) 2013359017

(71) TTI (MACAO COMMERCIAL OFF-  
SHORE) LIMITED  
(21) 2018214034 (22) 08.08.2018  
(54) Backpack blower  
(31) 16/003,924 (32) 08.06.18 (33) US  
62/570,584 10.10.17 US

(71) TTI (MACAO COMMERCIAL OFF-  
SHORE) LIMITED  
(21) 2018214051 (22) 08.08.2018  
(54) Electric tool system and method of op-  
erating the same  
(31) 201710749155.9 (32) 28.08.17 (33) CN

**Vanderbilt University see CUMBERLAND  
PHARMACEUTICALS INC.**  
(21) 2018214135

(71) VEMAG Maschinenbau GmbH  
(21) 2018216882 (22) 13.08.2018  
(54) Apparatus for orienting sausages  
(31) 202017104924.8 (32) 16.08.17 (33) DE

(71) Veritas Technologies LLC  
(21) 2018214032 (22) 08.08.2018  
(54) SYSTEMS AND METHODS FOR  
MAINTAINING GROUP MEMBERSHIP  
RECORDS  
(62) 2013226350

(71) Vertex Pharmaceuticals Incorporated  
(21) 2018214105 (22) 09.08.2018

(54) Pyridone Amides as Modulators of So-  
dium Channels  
(62) 2014212509

(71) Visa International Service Association  
(21) 2018214039 (22) 08.08.2018  
(54) Verification of portable consumer  
devices  
(62) 2016203876

(71) VM Oncology LLC  
(21) 2018214064 (22) 08.08.2018  
(54) COMPOSITIONS OF COMPOUNDS  
AND USES THEREOF  
(62) 2016213723

(71) W.L. GORE & ASSOCIATES, INC.  
(21) 2018214084 (22) 09.08.2018  
(54) Porous materials having a fibrillar mi-  
crostructure and a fracturable coating  
(62) 2016277621

(71) Washington University; Sage Thera-  
peutics, Inc.  
(21) 2018217213 (22) 14.08.2018  
(54) Neuroactive 19-alkoxy-17-substituted  
steroids, prodrugs thereof, and meth-  
ods of treatment using same  
(62) 2013361485

(71) Wave Power Renewables Limited  
(21) 2018214114 (22) 09.08.2018  
(54) Coastal Protection and Wave Genera-  
tion System  
(62) 2014336963

**Yale University see Regeneron Pharma-  
ceuticals, Inc.**  
(21) 2018213980

(71) Yamaguchi University  
(21) 2018217197 (22) 13.08.2018  
(54) THERAPEUTIC AGENT FOR KERA-  
TOCONJUNCTIVE DISORDERS  
(62) 2013342882

(71) Yau Lee Wah Concrete Precast  
Products (Shenzhen) Company Limited  
(21) 2018217198 (22) 13.08.2018  
(54) BUILDING FRAME STRUCTURE HAV-  
ING EDGE BEAM AND CONSTRUC-  
TION METHOD THEREOF  
(31) 201710690237.0 (32) 14.08.17 (33) CN

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<b>2018213980</b>	Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine	<b>2018214066</b>	The Boeing Company
<b>2018213985</b>	Costales, D.	<b>2018214067</b>	CELLOS SOFTWARE LIMITED
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<b>2018213998</b>	Theranos, Inc.	<b>2018214069</b>	DePuy Synthes Products, Inc.
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<b>2018214002</b>	MasterCraft Boat Company, LLC	<b>2018214072</b>	Aristocrat Technologies Australia Pty Limited
<b>2018214003</b>	Pangang Group Research Institute Co., Ltd.	<b>2018214073</b>	Halliburton Energy Services, Inc.
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<b>2018214005</b>	Glasses.com Inc.	<b>2018214075</b>	Counsyl, Inc.
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<b>2018214012</b>	Hilsley, E.; Hilsley, B.	<b>2018214082</b>	CONTAINER ROTATION SYSTEMS PTY LTD
<b>2018214013</b>	MED-EL Elektromedizinische Geraete GmbH	<b>2018214083</b>	Fisher & Paykel Healthcare Limited
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**2018214136** Ainsworth Game Technology Limited  
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**2018214150** MARTIN GmbH für Umwelt- und Energietechnik  
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**2018214157** Adobe Systems Incorporated  
**2018214158** Smith, S.  
**2018214159** Contact Solutions, LLC  
**2018214160** North, J.; Soligenix, Inc.; Lee, J.; Rozek, A.; Abrams,  
 M.; Donini, O.  
**2018214161** Multisteps Pty Ltd  
**2018214162** The Boeing Company  
**2018214967** PlaySpan Inc.  
**2018216190** Ainsworth Game Technology Limited  
**2018216882** VEMAG Maschinenbau GmbH  
**2018217196** RIGEL PHARMACEUTICALS, INC.  
**2018217197** Yamaguchi University  
**2018217198** Yau Lee Wah Concrete Precast Products (Shenzhen)  
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**2018217199** 1 Space Pty Ltd  
**2018217200** Hodge Products, Inc.  
**2018217201** Blackburn, R.  
**2018217202** SAINT-GOBAIN GLASS FRANCE  
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**2018217205** Terex Australia Pty Ltd  
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**2018217213** Washington University; Sage Therapeutics, Inc.  
**2018217230** Tata Consultancy Services Limited  
**2018217231** Hunter Douglas Inc.  
**2018217232** Pangang Group Panzhihua Iron & Steel Research Insti-  
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**2018217233** The Boeing Company  
**2018217234** The Boeing Company  
**2018217235** Novomatic AG



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Applications listed below were processed through the Patent Office Canberra during the period ending 7 Aug 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Aged Care and Housing Group Incorporated (21) 2018101092 (22) 07.08.2018 (54) A MOBILITY CHAIR</p> <hr/> <p>(71) Azumah, G. (21) 2018101106 (22) 10.08.2018 (54) MedConnet Digital Health Care. (31) UNKNOWN (32) 19.06.17 (33) AU</p> <hr/> <p><b>Chen, T. see Chen, P.</b> (21) 2018101103</p> <hr/> <p><b>Chen, Y. see Chen, P.</b> (21) 2018101103</p> <hr/> <p>(71) Chen, P.; Chen, T.; Chen, Y. (21) 2018101103 (22) 10.08.2018 (54) AUGMENTED REALITY(AR) BASED INDOOR NAVIGATION APPLICATION</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101133 (22) 12.08.2018 (54) 2-(4-isobutylphenyl) propionic acid drug intermediates synthesis method (31) 2017108366804 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101134 (22) 12.08.2018 (54) 1,2-naphthoquinone drug intermediates synthesis method (31) 2017108366645 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101135 (22) 12.08.2018 (54) 7-(3,5,6-trimethyl-1,4-benzozoquinon-2-yl)-7-phenylheptanoic acid synthesis method (31) 2017108201248 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101136 (22) 12.08.2018 (54) Acetone dicarboxylic acid drug intermediates synthesis method (31) 2017108367370 (32) 17.09.17 (33) CN</p> <hr/>	<p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101137 (22) 12.08.2018 (54) P-aminobenzaldehyde drug intermediates synthesis method (31) 2017108370161 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101138 (22) 12.08.2018 (54) 2-nitro-4-aminobenzaldehyde drug intermediates synthesis method (31) 2017108370212 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101139 (22) 12.08.2018 (54) P-methoxyphenylacetic acid drug intermediates synthesis method (31) 2017108367385 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ao Ka Te Technology Co., Ltd. (21) 2018101140 (22) 12.08.2018 (54) 9 (11) -estosterone-16<math>\alpha</math>, 17<math>\alpha</math>-epoxy-3<math>\beta</math>-ol-20-one drug intermediates synthesis method (31) 2017108370176 (32) 17.09.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101108 (22) 11.08.2018 (54) Aminoquinone drug intermediates tetrachlorobenzoquinone synthesis method (31) 2017107182767 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101109 (22) 11.08.2018 (54) Organic synthesis intermediates anthraquinone synthesis method (31) 2017107182771 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101110 (22) 11.08.2018 (54) Stomach rehabilitation drug intermediate diphenylglycolic acid synthesis method (31) 2017107065053 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101111 (22) 11.08.2018 (54) Organic analytical reagent diphenylcarbazone synthesis method (31) 2017107151006 (32) 21.08.17 (33) CN</p> <hr/>	<p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101113 (22) 11.08.2018 (54) Leprosy drug intermediates p-isothiocyanolobutyl ether synthesis method (31) 201710714685X (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101114 (22) 11.08.2018 (54) Post-efficiency promoter N-cyclohexyl-2-benzothiazole sulfenamide synthesis method (31) 201710715103X (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101115 (22) 11.08.2018 (54) Vulcanization accelerator 2-benzothiazolyl-N-morpholino sulfide synthesis method (31) 2017107182786 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101116 (22) 11.08.2018 (54) Vitamin drug intermediates diketone guluronic acid synthesis method (31) 2017107151044 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101117 (22) 11.08.2018 (54) Drug intermediates 3-oxoheptanone ethylene glycol synthesis method (31) 2017107186429 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101118 (22) 11.08.2018 (54) Organic synthesis intermediate 4-methylcyclohexanone synthesis method (31) 2017107187614 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101119 (22) 11.08.2018 (54) Organic intermediate 1,6-cyclohexanedione synthesis method (31) 2017107151059 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101120 (22) 11.08.2018 (54) Drug intermediates 1,4,9(11)-pregnenetriene-16<math>\alpha</math>-methyl-17<math>\alpha</math>,21-diol-3,20-dione-21-acetate synthesis method (31) 2017107188710 (32) 21.08.17 (33) CN</p> <hr/> <p>(71) Chengdu Ka Di Fu Technology Co., Ltd. (21) 2018101121 (22) 11.08.2018 (54) Drug intermediates 1,4-pregnenetriene-9<math>\alpha</math>-fluoro-11<math>\beta</math>,17<math>\alpha</math>,21-triol-3,20-</p>
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 (31) 2017107109259 (32) 21.08.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101122 (22) 11.08.2018  
 (54) Drug intermediates N-methylpyridin-2-one synthesis method  
 (31) 2017107188744 (32) 21.08.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101123 (22) 11.08.2018  
 (54) Drug intermediates 1-methyl-2-quinolinone synthesis method  
 (31) 2017107188759 (32) 21.08.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101124 (22) 11.08.2018  
 (54) Drug intermediates 3,4,5-trimethoxybenzaldehyde synthesis method  
 (31) 2017107976282 (32) 07.09.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101125 (22) 11.08.2018  
 (54) Drug intermediates 3,5-dimethoxybenzaldehyde synthesis method  
 (31) 2017107817854 (32) 07.09.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101127 (22) 11.08.2018  
 (54) Drug intermediates 3-methoxy-2-thiophenecarboxaldehyde synthesis method  
 (31) 2017108023611 (32) 07.09.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101128 (22) 11.08.2018  
 (54) 4,6-dihydroxyquinoline-5,8-diquinone-2-formic acid drug intermediates synthesis method  
 (31) 2017107821953 (32) 07.09.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101129 (22) 11.08.2018  
 (54) 3-methoxy-4-hydroxy-5-nitrobenzoic acid drug intermediates synthesis method  
 (31) 2017107976297 (32) 07.09.17 (33) CN

(71) Chengdu Ka Di Fu Technology Co., Ltd.  
 (21) 2018101130 (22) 11.08.2018  
 (54) 2-furanacrylic acid drug intermediates synthesis method  
 (31) 2017108366787 (32) 17.09.17 (33) CN

(71) CHRISTY & GRIFFIN PTY LIMITED  
 (21) 2018101097 (22) 09.08.2018  
 (54) Very Large Portable Remote Ship Draft Reading Device

(71) Croft Infrastructure Designs Pty. Ltd.  
 (21) 2018101090 (22) 07.08.2018  
 (54) New sporting precinct, Como Park North, in the City of Stonnington  
 (31) 2017903160 (32) 08.08.17 (33) AU

(71) Crown Resorts Limited  
 (21) 2018101100 (22) 09.08.2018  
 (54) METHOD, SYSTEM AND APPARATUS FOR COMPLIANCE METERING AND REPORTING  
 (31) 2017903169 (32) 09.08.17 (33) AU  
 2018901924 30.05.18 AU

(71) D & A HOLMES PTY LTD  
 (21) 2018101096 (22) 08.08.2018  
 (54) Dual polarity VHF/UHF mobile television antenna with optional 3G/4G/4GX broadband antenna

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 (21) 2018101099

(71) Dudziak, R.  
 (21) 2018101112 (22) 11.08.2018  
 (54) Passive Thermal Control System for Nano Satellite Applications

(71) Dyson Technology Limited  
 (21) 2018101095 (22) 08.08.2018  
 (54) A hairdryer  
 (62) 2017100592

Ebeling, P. see McMillan, L.  
 (21) 2018101099

(71) Fernandes, M.  
 (21) 2018101104 (22) 10.08.2018  
 (54) P.E.T. Leash capturing device for collection and control of plastic beverage containers inclusive of screw top lids  
 (31) 2017903194 (32) 10.08.17 (33) AU

(71) Fisher, M.  
 (21) 2018101093 (22) 07.08.2018  
 (54) Ballast Weight for Handheld Aerosol Canisters

(71) Gane, D.  
 (21) 2018101094 (22) 06.08.2018  
 (54) BIIPV Louvres

(71) HAMELIN, N.  
 (21) 2018101098 (22) 09.08.2018  
 (54) Galvanic Skin Response based Intuitive Learning Method and System

(71) McMillan, L.; Di Pauli Von Treuheim, T.; Scott, D.; Ebeling, P.  
 (21) 2018101099 (22) 09.08.2018

(54) A wearable device for quantification of plantar pressure and ground-reaction forces during osteogenic exercise and physical activity

(71) Sayers, J.  
 (21) 2018101102 (22) 05.08.2018  
 (54) Municipal Entrepreneurial IF

Scott, D. see McMillan, L.  
 (21) 2018101099

(71) TAIYUAN UNIVERSITY OF TECHNOLOGY  
 (21) 2018101101 (22) 09.08.2018  
 (54) A device for measuring methane concentration at fixed points in drilling hole by beam tubes

(71) TMP Group Pty Ltd  
 (21) 2018101091 (22) 07.08.2018  
 (54) Skirting board assembly, method of installing a skirting board assembly, and a wall

(71) ULTERNIX PTY LTD  
 (21) 2018101107 (22) 10.08.2018  
 (54) Swim-Safe Smart Beaches: Methods, Smartwatch and Smartphone Applications, Systems, Processes and Device for Swimmer Monitoring and Connecting Swimmers to Lifeguards and Families at Beaches to Increase Beach Safety

(71) williams, s.  
 (21) 2018101126 (22) 11.08.2018  
 (54) An algorithmic digital platform that calculates the carbon captured in very small to medium organic carbon abatement projects based off photo media and biological data. This platform then advertises the calculated values on a trading medium for businesses and individuals to purchase in the interest of offsetting their carbon emission footprint and supporting local community. This platform then allocates the associated value to the earning party.

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<b>2018101110</b>	Chengdu Ka Di Fu Technology Co., Ltd.	<b>2018101136</b>	Chengdu Ao Ka Te Technology Co., Ltd.
<b>2018101111</b>	Chengdu Ka Di Fu Technology Co., Ltd.	<b>2018101137</b>	Chengdu Ao Ka Te Technology Co., Ltd.
<b>2018101112</b>	Dudziak, R.	<b>2018101138</b>	Chengdu Ao Ka Te Technology Co., Ltd.
<b>2018101113</b>	Chengdu Ka Di Fu Technology Co., Ltd.	<b>2018101139</b>	Chengdu Ao Ka Te Technology Co., Ltd.
<b>2018101114</b>	Chengdu Ka Di Fu Technology Co., Ltd.	<b>2018101140</b>	Chengdu Ao Ka Te Technology Co., Ltd.

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

2018204772 **Ab Initio Technology LLC** The filing date has been amended to 05.07.2018

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

**1998**

1998078635 ( 14 )    1998078649 ( 14 )    1998078668 ( 14 )  
 1998078774 ( 14 )    1998078780 ( 14 )    1998078791 ( 14 )  
 1998078804 ( 14 )    1998078808 ( 14 )    1998078839 ( 14 )  
 1998078851 ( 14 )    1998078863 ( 14 )    1998078870 ( 14 )  
 1998084573 ( 14 )    1998084631 ( 14 )    1998085606 ( 14 )  
 1998085658 ( 14 )    1998086184 ( 14 )    1998086185 ( 14 )  
 1998086229 ( 14 )    1998086389 ( 14 )    1998086402 ( 14 )  
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 1998088629 ( 14 )    1998088979 ( 14 )    1998088983 ( 14 )  
 1998089014 ( 14 )    1998089870 ( 14 )    1998089884 ( 14 )  
 1998089887 ( 14 )    1998091611 ( 14 )    1998092070 ( 14 )  
 1998093416 ( 14 )

**1999**

1999014222 ( 14 )    1999021794 ( 14 )    1999022591 ( 14 )  
 1999022972 ( 14 )    1999025655 ( 14 )    1999025669 ( 14 )  
 1999026219 ( 14 )    1999032513 ( 14 )    1999032519 ( 14 )  
 1999032812 ( 14 )

**2000**

2000013574 ( 14 )    2000013607 ( 14 )    2000013629 ( 14 )  
 2000013639 ( 14 )    2000022737 ( 14 )    2000024448 ( 14 )  
 2000024673 ( 14 )    2000027349 ( 14 )    2000027350 ( 14 )  
 2000027359 ( 14 )    2000027407 ( 14 )    2000027990 ( 14 )

**2001**

2001016694 ( 14 )    2001028496 ( 14 )    2001031201 ( 14 )  
 2001032517 ( 14 )    2001032993 ( 14 )    2001036594 ( 14 )  
 2001224984 ( 14 )    2001228176 ( 14 )    2001229932 ( 14 )  
 2001234252 ( 14 )

**2002**

2002013602 ( 14 )    2002013630 ( 14 )    2002014721 ( 14 )  
 2002226206 ( 14 )    2002228315 ( 14 )    2002234809 ( 14 )  
 2002235483 ( 14 )    2002245294 ( 14 )

**2003**

2003200248 ( 14 )    2003200298 ( 14 )    2003200305 ( 14 )  
 2003200738 ( 14 )    2003201535 ( 14 )    2003207776 ( 14 )  
 2003208346 ( 14 )    2003209430 ( 14 )    2003238365 ( 14 )  
 2003238856 ( 14 )    2003303816 ( 14 )

**2004**

2004200309 ( 14 )    2004200329 ( 14 )    2004207015 ( 14 )  
 2004207813 ( 14 )    2004207998 ( 14 )    2004208576 ( 14 )  
 2004208641 ( 14 )    2004209112 ( 14 )    2004209981 ( 14 )  
 2004210136 ( 14 )    2004210451 ( 14 )    2004210904 ( 14 )  
 2004213104 ( 14 )    2004237046 ( 14 )

**2005**

2005200326 ( 14 )    2005205923 ( 14 )    2005205929 ( 14 )  
 2005207990 ( 14 )    2005209110 ( 14 )    2005209844 ( 14 )  
 2005210459 ( 14 )    2005211161 ( 14 )    2005211165 ( 14 )  
 2005211351 ( 14 )    2005297758 ( 14 )

**2006**

2006200362 ( 14 )    2006200387 ( 14 )    2006207959 ( 14 )  
 2006208041 ( 14 )    2006208241 ( 14 )    2006208880 ( 14 )  
 2006209178 ( 14 )    2006209179 ( 14 )    2006209397 ( 14 )  
 2006210702 ( 14 )    2006211184 ( 14 )    2006213410 ( 14 )  
 2006225206 ( 14 )    2006336436 ( 14 )

**2007**

2007203624 ( 14 )    2007207991 ( 14 )    2007208667 ( 14 )  
 2007208678 ( 14 )    2007208727 ( 14 )    2007209704 ( 14 )  
 2007209950 ( 14 )    2007210674 ( 14 )    2007211018 ( 14 )  
 2007211034 ( 14 )    2007211036 ( 14 )    2007213255 ( 14 )  
 2007214069 ( 14 )    2007231760 ( 14 )    2007237617 ( 14 )

**2008**

2008200383 ( 14 )    2008200456 ( 14 )    2008200469 ( 14 )  
 2008208099 ( 14 )    2008208100 ( 14 )    2008209439 ( 14 )  
 2008210267 ( 14 )    2008210428 ( 14 )    2008210481 ( 14 )  
 2008210637 ( 14 )    2008211097 ( 14 )    2008211136 ( 14 )  
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 2008211709 ( 14 )    2008211810 ( 14 )    2008213001 ( 14 )  
 2008214106 ( 14 )    2008224016 ( 14 )    2008224388 ( 14 )  
 2008230227 ( 14 )    2008268777 ( 14 )

**2009**

2009200330 ( 14 )    2009200332 ( 14 )    2009201089 ( 14 )  
 2009201184 ( 14 )    2009201377 ( 14 )    2009208344 ( 14 )  
 2009208392 ( 14 )    2009208395 ( 14 )    2009208996 ( 14 )  
 2009209066 ( 14 )    2009209249 ( 14 )    2009209276 ( 14 )  
 2009209666 ( 14 )    2009209697 ( 14 )    2009209885 ( 14 )  
 2009209935 ( 14 )    2009211072 ( 14 )    2009212090 ( 14 )  
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 2009216883 ( 14 )    2009216884 ( 14 )    2009217042 ( 14 )  
 2009217568 ( 14 )    2009217646 ( 14 )    2009220127 ( 14 )  
 2009226806 ( 14 )    2009246994 ( 14 )    2009338675 ( 14 )

**2010**

2010100819 ( 22 ) 2010100828 ( 22 ) 2010100833 ( 22 )  
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 2010206376 ( 14 ) 2010207073 ( 14 ) 2010207199 ( 14 )  
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 2010208386 ( 14 ) 2010209550 ( 14 ) 2010209926 ( 14 )  
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 2010221703 ( 14 ) 2010221704 ( 14 ) 2010343028 ( 14 )

**2011**

2011100113 ( 22G ) 2011100120 ( 22E ) 2011100297 ( 22 )  
 2011100748 ( 22 ) 2011200316 ( 14 ) 2011200388 ( 14 )  
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 2011209417 ( 14 ) 2011210031 ( 14 ) 2011210293 ( 14 )  
 2011210351 ( 14 ) 2011210549 ( 14 ) 2011210623 ( 14 )  
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 2011216967 ( 14 ) 2011222255 ( 14 ) 2011223288 ( 14 )  
 2011224120 ( 14 ) 2011383571 ( 5C )

**2012**

2012100088 ( 22E ) 2012100248 ( 22 ) 2012100855 ( 22 )  
 2012200427 ( 14 ) 2012200433 ( 14 ) 2012200456 ( 4C )  
 2012200534 ( 14 ) 2012200535 ( 14 ) 2012200537 ( 14 )  
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 2012244153 ( 14 ) 2012332410 ( 5C )

**2013**

2013100075 ( 22E ) 2013100079 ( 22E ) 2013200442 ( 14 )  
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 2013270453 ( 5C ) 2013312300 ( 5C ) 2013323525 ( 5C )  
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 2013361459 ( 5C )

**2014**

2014100072 ( 22E ) 2014101449 ( 22E ) 2014200440 ( 14 )  
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 2014262190 ( 1B ) 2014272622 ( 5C ) 2014277600 ( 4C )  
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 2014310621 ( 1B ) 2014313926 ( 1B ) 2014314317 ( 1B )  
 2014339111 ( 5C ) 2014350613 ( 25D ) 2014357447 ( 5C )  
 2014361229 ( 5C ) 2014362237 ( 5C ) 2014368720 ( 5C )

2014379780 ( 4C ) 2014381262 ( 4C ) 2014388444 ( 5C )  
 2014399228 ( 25D )

**2015**

2015100093 ( 22G ) 2015101774 ( 22E ) 2015202657 ( 14 )  
 2015203304 ( 4D ) 2015206193 ( 5C ) 2015215500 ( 5C )  
 2015223123 ( 5C ) 2015229284 ( 5C ) 2015234321 ( 14 )  
 2015247901 ( 5C ) 2015280110 ( 5C ) 2015298076 ( 5C )  
 2015343356 ( 1B ) 2015348947 ( 5C ) 2015387048 ( 5C )  
 2015416243 ( 7A )

**2016**

2016100061 ( 22E ) 2016100063 ( 22G ) 2016100064 ( 22E )  
 2016100079 ( 22E ) 2016100081 ( 22E ) 2016100083 ( 22E )  
 2016200948 ( 5C ) 2016202428 ( 4C ) 2016202952 ( 5C )  
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 2016208366 ( 5C ) 2016210596 ( 5C ) 2016210738 ( 5C )  
 2016213832 ( 5C ) 2016215453 ( 5C ) 2016222526 ( 5C )  
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 2016250396 ( 5C ) 2016253573 ( 4C ) 2016253647 ( 5C )  
 2016277563 ( 5C ) 2016317663 ( 5C ) 2016324604 ( 1B )

**2017**

2017201210 ( 5C ) 2017201482 ( 5C ) 2017201728 ( 4C )  
 2017201990 ( 4C ) 2017202562 ( 5C ) 2017203935 ( 5C )  
 2017204046 ( 4C ) 2017208282 ( 4C ) 2017228715 ( 4C )  
 2017903192 ( 12AN ) 2017903238 ( 12AN ) 2017903314 ( 12AN )  
 2017903415 ( 12AN ) 2017903434 ( 12AN ) 2017903568 ( 12AN )  
 2017903802 ( 12AN ) 2017903806 ( 12AN )

**2018**

2018100706 ( 18AN ) 2018203492 ( 1B ) 2018203502 ( 1B )  
 2018203908 ( 12CN )

**Assignments before Grant, Section 113**

**2003**

2003901599 Turrisi Enterprises Pty. Limited The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**2004**

2004228072 Turrisi Enterprises Pty. Limited The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**2006**

2006904201 Turrisi Enterprises Pty. Limited The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**2009**

2009904718 Turrisi Enterprises Pty. Limited The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**2010**

2010227112 Turrisi Enterprises Pty. Limited The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

2010904676 Turrisi Enterprises Pty. Ltd. The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**Assignments before Grant, Section 113**

**2012**

2012340548 Ashley Furniture Industries, Inc.; Brandtner, Timothy; Lejcher, Christopher; Wang, Walter; Robinson, Nicholas The application has been assigned to **Ashley Furniture Industries, Inc.**

2012901231 Turrisi Enterprises Pty Ltd The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

2012903640 Turrisi Enterprises Pty Ltd The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**2013**

2013202211 Turrisi Enterprises Pty Ltd The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

2013252345 IGT The application has been assigned to **FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPION LIMITED; LT GAME LIMITED**

2013318597 Cooley, Robert The application has been assigned to **Mackey, Dean**

2013318629 Cormatrix Cardiovascular, Inc. The application has been assigned to **Aziyo Med, LLC**

**2014**

2014229253 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2014236305 Ethris GmbH; Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.; Ethris GmbH**

2014239184 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2014239562 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2014248928 Arno Therapeutics The application has been assigned to **Context Biopharma Inc.**

2014340083 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2014340092 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2014340155 Massachusetts Institute of Technology; Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.; Massachusetts Institute of Technology**

2014366178 Walsh, Jessica The application has been assigned to **Rx Bandz, LLC**

2014371809 Mitsubishi Heavy Industries, Ltd. The application has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

**Assignments before Grant, Section 113**

2014392256 Metalogenia Research & Technologies S.L. The application has been assigned to **Volvo Construction Equipment AB**

**2015**

2015203753 Turrisi Enterprises Pty Ltd The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

2015243969 Invivis Pharmaceuticals Inc.; Arno Therapeutics, Inc. The application has been assigned to **Invivis Pharmaceuticals Inc.; Context Biopharma Inc.**

2015249312 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2015255221 Nuova Simonelli S.p.A. The application has been assigned to **SIMONELLI GROUP S.P.A.**

2015266764 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2015277489 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2015279968 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2015283954 Shire Human Genetic Therapies, Inc. The application has been assigned to **Translate Bio, Inc.**

2015350241 Arno Therapeutics, Inc. The application has been assigned to **Context Biopharma Inc.**

2015393155 López-Pozas Lanuza, Enrique The application has been assigned to **Bio Ammo, S.L.**

**2016**

2016203926 True Form, LLC The application has been assigned to **Functionwear, LLC**

2016205167 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2016206155 Shanghai Biomabs Pharmaceuticals Co., Ltd The application has been assigned to **Taizhou Mabtech Pharmaceutical Co. Ltd**

2016206156 Shanghai Biomabs Pharmaceuticals Co., Ltd The application has been assigned to **Taizhou Mabtech Pharmaceutical Co. Ltd**

2016231496 Impact Tech Labs Limited The application has been assigned to **Impact Tech Labs AG**

2016247212 Nuova Simonelli S.p.A. The application has been assigned to **SIMONELLI GROUP S.P.A.**

2016253609 Impact Tech Labs Limited The application has been assigned to **Impact Tech Labs AG**

**Assignments before Grant, Section 113**

2016256843 IGT The application has been assigned to **FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPION LIMITED; LT GAME LIMITED**

2016337526 JimmyAsh LLC; Phelps, David; Ashourian, Jamshid; Im-dieke, Christopher The application has been assigned to **JimmyAsh LLC**

2016344378 Kyphon Sàrl The application has been assigned to **Medtronic Holding Company Sàrl**

2016368299 Imprimis Pharmaceuticals, Inc. The application has been assigned to **Surface Pharmaceuticals, Inc.**

2016369087 Bozzato, Paolo The application has been assigned to **WV Process Solutions Inc**

**2017**

2017202875 Furanix Technologies B.V. The application has been assigned to **Synvina C.V.**

2017204141 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2017204509 Shire Human Genetic Therapies, Inc The application has been assigned to **Translate Bio, Inc.**

2017209096 Rezvani, Babak The application has been assigned to **Alarm.com Incorporated**

2017219134 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2017221834 Kyphon SARL The application has been assigned to **Medtronic Holding Company Sàrl**

2017225956 Andrews, Michael; Tiger Tool International Incorporated The application has been assigned to **Tiger Tool International Incorporated**

2017251842 Kyphon SÀRL The application has been assigned to **Medtronic Holding Company Sàrl**

2017261902 Andrews, Michael; Tiger Tool International Incorporated The application has been assigned to **Tiger Tool International Incorporated**

2017268561 NeuroMetrix, Inc. The application has been assigned to **Novartis Consumer Health S.A.**

2017903207 BUCKLEY, Belinda The application has been assigned to **Hooga Holdings Pty Ltd**

2017903291 Integrators Australia Pty Ltd The application has been assigned to **Monaghan, Dean**

**2018**

2018200469 Alnylam Pharmaceuticals, Inc. The application has been assigned to **Genzyme Corporation**

**Assignments before Grant, Section 113**

2018203612 Techfields Pharma Co., Ltd.; Yu, Chongxi The application has been assigned to **Techfields Pharma Co., Ltd.**

2018204132 Turrise Enterprises Pty Ltd The application has been assigned to **AL-KO Chassis Systems Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2002**

2002325480 **Austal Ships Pty Ltd** An application to extend the time from 24 Dec 2017 to 24 Aug 2018 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2005**

2005269261 **Tangney, P.** An application to extend the time from 02 Aug 2016 to 02 Jun 2018 in which to pay a renewal fee has been filed . Address for service - Malcolm Farr 38 Crossland Way Kardinya WA 6163 AU

2005302506 **Lightwave Logic, Inc.** An application to extend the time from 26 Oct 2017 to 26 Jun 2018 in which to pay a renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2008**

2008266951 **Merck Sharp & Dohme B.V.** An application to extend the time from 13 Jun 2017 to 13 Jun 2018 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2010**

2010257285 **IMS New Zealand Pty Limited** An application to extend the time from 17 Dec 2017 to 02 Aug 2018 in which to pay the renewal fee has been filed . Address for service - Janice Catherine White 18 Pyrenees Rd Clyde VIC 3978 AU

**2012**

2012352149 **Trustees of Dartmouth College; Iq Therapeutics, Inc.** An application to extend the time from 13 Dec 2017 to 13 Jul 2018 in which to pay a renewal fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

**2013**

2013357047 **THUNDERHEAD (ONE) LIMITED** An application to extend the time from 05 Nov 2017 to 05 Jul 2018 in which to request Examination and pay the continuation fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2013388053 **J.R. Simplot Company** An application to extend the time from 06 Apr 2018 to 06 Sep 2018 in which to request Examination has been filed . Address for service - Knightsbridge Patent Attorneys GPO Box 4691 MELBOURNE VIC 3001 AU

**Extensions of Time, Section 223**

**2014**

2014299133 **Johnson Precision Engineering (Suzhou) Co., Ltd.** An application to extend the time from 27 Apr 2018 to 27 Nov 2018 in which to gain acceptance has been filed . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

**2015**

2015101080 **THE NEWBILITY PTY LTD** An application to extend the time from 08 Aug 2017 to 08 May 2018 in which to pay the renewal fee has been filed . Address for service - THE NEWBILITY PTY LTD 1/36 macpherson street dandenong VIC 3175 AU

**2016**

2016255577 **Nant Holdings Ip, Llc** An application to extend the time from 30 Nov 2017 to 30 Aug 2018 in which to enter the National Phase has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2017**

2017210644 **Io Therapeutics, Inc.; Trustees of Dartmouth College** An application to extend the time from 13 Dec 2017 to 13 Jul 2018 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

**2018**

2018206738 **Ivax Pharmaceuticals Ireland; Norton (Waterford) Limited; Teva Pharmaceuticals Ireland** An application to extend the time from 30 Nov 2017 to 30 Jul 2018 in which to make a further application for a divisional patent has been filed . Address for service - Griffith Hack GPO Box 3125 Brisbane QLD 4001 AU

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

**2007**

2007203643 **Mick Murray Welding (N.T.) Pty Ltd** The time in which to pay a renewal fee has been extended to 03 Apr 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2009**

2009238194 **Exell Technology Pty Limited** The time in which to pay the acceptance fee has been extended to 18 Jan 2018 . Address for service - Peter Maxwell & Associates Level 6, 60 Pitt Street Sydney NSW 2000 AU

**2013**

2013252625 **ExxonMobil Upstream Research Company; General Electric Company** The time in which to pay a renewal fee has been extended to 19 Apr 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013284994 **Revankar Krishna Prasad, P.** The time in which to gain acceptance has been extended to 21 Aug 2018 . Address for service - krishna prasad panduranga revankar Mr MELVIN WILSON 32, tarbet street kenmore QLD 4069 AU

**Extensions of Time, Section 223**

**2014**

2014396937 **BBHC Co., Ltd.** The time in which to pay the acceptance fee has been extended to 05 Aug 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2015**

2015100880 **Lin, P.** The time in which to pay a renewal fee has been extended to 02 Mar 2018 . Address for service - McMahon & Gordon Suite 306 Fayworth House 379 - 383 Pitt Street Sydney NSW 2000 AU

**2016**

2016348801 **Instant Sport, S.L.** The time in which to comply with a direction under Reg 3.2B has been extended to 02 Aug 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016361922 **Neurescue Aps** The time in which to enter the National Phase has been extended to 02 Aug 2018 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**Amendments**

**Applications for Amendment**

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

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

**2005**

2005219788 Isoxazoline-substituted benzamide compound and noxious organism control agent **Nissan Chemical Industries, Ltd.** The nature of the amendment is: Add inventor Takii, Shinji . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2010**

2010326818 Beverage preparation machine supporting a remote service functionality **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2018 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

**2013**

2013100419 A Fence **BLUESCOPE STEEL LIMITED** The nature of the amendment is as shown in the statement(s) filed 18 May 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2014**

2014200704 Sodium ibuprofen tablets and methods of manufacturing pharmaceutical compositions including sodium ibuprofen **Wyeth LLC** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2018 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2014214641 Water recapture/recycle system in electrochemical cells **NantEnergy, Inc.** The nature of the amendment is as shown in the



**Amendments**

statement(s) filed 07 Aug 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014318014 Alpha-tea salt forms: compositions and uses for treating disease **Research Development Foundation** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014324593 A mechanical tourniquet apparatus and method of use **Alphapointe ; The Government of the United States as represented by The Secretary of the Army** The nature of the amendment is as shown in the statement(s) filed 15 Jun 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014324809 System and method for increased call quality and success rate **Google LLC** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2015**

2015273431 Unmasking endotoxins in solution **Hyglos Invest GmbH** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2015294039 Self-adhesive bituminous sheath for building and bitumen modifier for self-adhesive bituminous sheath **Tecnofilm S.p.A.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015305593 2'-chloro aminopyrimidinone and pyrimidine dione nucleosides **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015328553 Aminopyridyloxy pyrazole compounds **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 13 Aug 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015347309 Mechanical separator for a biological fluid **Becton, Dickinson and Company** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016271517 High value organic containing fertilizers and methods of manufacture **Anuvia Plant Nutrients Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

**Amendments Made**

**2012**

2012308320 **Translate Bio MA, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2018

**Amendments**

2012326283 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 May 2018

**2013**

2013256251 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 May 2018

2013266184 **Glasses.com Inc.** The nature of the amendment is as shown in the statement(s) filed 04 May 2018

2013303233 **VisEn Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 May 2018

2013305471 **NewSouth Innovations Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 07 May 2018

**2014**

2014227909 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 May 2018

2014231649 **ProMetic Pharma SMT Limited** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2018

2014277569 **Nanalysis Corp.** The nature of the amendment is as shown in the statement(s) filed 26 Apr 2018

2014290408 **Watt Fuel Cell Corp.** The nature of the amendment is as shown in the statement(s) filed 08 May 2018

2014299418 **Instytut Technik Innowacyjnych EMAG** The nature of the amendment is: Application is to proceed under the number 2014101639

2014362279 **Blackhawk Specialty Tools, LLC** The nature of the amendment is as shown in the statement(s) filed 16 May 2018

**2015**

2015212181 **Chiyoda Corporation** The nature of the amendment is: Amend the invention title to read HYDROGENATION SYSTEM FOR AROMATIC COMPOUND, HYDROGEN STORAGE AND TRANSPORTATION SYSTEM EQUIPPED WITH SAME, AND PROCESS FOR HYDROGENATION OF AROMATIC COMPOUND

2015248083 **LaValley Industries, LLC** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2018

2015316552 **Steerlife India Private Limited** The nature of the amendment is as shown in the statement(s) filed 09 May 2018

2015324914 **Megabiowood Co., Ltd.** The nature of the amendment is: Amend the invention title to read Alpha-aminoamide derivative compound and pharmaceutical composition containing the same

2015394001 **Razer (Asia-Pacific) Pte. Ltd.** The nature of the amendment is: Amend the name of the inventor to read Pavlin, Ludmila Veronica and Nassiri, Nicholas Bijan

**Amendments****2016**

2016219650 **Acorda Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 May 2018

2016234985 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 May 2018

2016253823 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Periphery monitoring apparatus of operation machine and periphery monitoring method of operation machine

2016262666 **IGT Canada Solutions ULC** The nature of the amendment is: Amend the name of the inventor to read Angermayer, Lukas; Mitterhoefer, Stefan and Keilwert, Stefan

2016318299 **Hunting Energy Services, Inc.** The nature of the amendment is: Amend the name of the inventor to read Adkins, Gregory Lynn

2016319432 **NEC Platforms, Ltd.; Nippon Telegraph and Telephone East Corporation; Nippon Telegraph and Telephone West Corporation** The nature of the amendment is: Amend the invention title to read TELEPHONE SWITCHING APPARATUS AND METHOD, AND PROGRAM

2016346003 **IHC Holland IE B.V.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2018

2016377785 **The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2018

2016379845 **WavePharma, LLC; Alumend, LLC** The nature of the amendment is: To add co-applicant WavePharma. LLC

2016396546 **Nippon Steel & Sumitomo Metal Corporation** The nature of the amendment is: Amend the invention title to read Flux-cored wire, manufacturing method of welded joint, and welded joint

**2017**

2017202596 **Facebook, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 May 2018

2017213768 **BioCryst Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Kotian, Pravin L.; Babu, Yarlagadda S.; Zhang, Weihe; Vogeti, Lakshminarayana; Wu, Minwan; Chintareddy, Venkat R. and Raman, Krishnan

2017215825 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR TREATING CANCER PATIENTS WITH SEVERE RENAL IMPAIRMENT

2017215874 **Nisshin Foods Inc.** The nature of the amendment is: Amend the invention title to read PACKED WHEAT FLOUR FLAVORING

2017217868 **Jumpcode Genomics, Inc.** The nature of the amendment is: Amend the invention title to read Method for target specific RNA transcription of DNA sequence

**Amendments**

2017219960 **Louis Vuitton Malletier** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2018

2017250514 **Solis Herrera, A.** The nature of the amendment is: Amend the invention title to read Compositions and Methods for Treating Nasal and Paranasal Mucosa Diseases with Nicotinic Acetylcholine Receptor Agonists

2017357256 **Tianjin Deepfar Ocean Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Cutters for ROV propeller gear modification

2017357257 **Tianjin Deepfar Ocean Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read ROV propeller tailhood, ROV propeller, and ROV

**2018**

2018201146 **Ventana Medical Systems, Inc.** The nature of the amendment is: Amend the name of the inventor to read GARSHA, Karl and OTTER, Michael

2018208738 **The Board of Regents of the University of Oklahoma; University of Virginia Patent Foundation** The nature of the amendment is: Remove priority: US 61/736,815

2018211221 **Healthwatch Ltd.** The nature of the amendment is: Remove convention priority claims US 62/006,102 and US 61/830,077

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2000**

2000029943 **Perkin Elmer Instruments LLC** The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

**2006**

2006207859 **Vehicle Components Pty Ltd** The name of the patentee has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

**2009**

2009207014 **SEKISUI CHEMICAL CO., LTD.; Asahi Glass Company, Limited** The name of the patentee has been altered to **SEKISUI CHEMICAL CO., LTD.; AGC Inc.**

2009252210 **SANTEN PHARMACEUTICAL CO., LTD.; Asahi Glass Company, Limited** The name of the patentee has been altered to **AGC Inc.; SANTEN PHARMACEUTICAL CO., LTD.**

2009287650 **SANTEN PHARMACEUTICAL CO., LTD.; Asahi Glass Company, Limited** The name of the patentee has been altered to **AGC Inc.; SANTEN PHARMACEUTICAL CO., LTD.**

2009292555 **Kaken Pharmaceutical Co., Ltd.; Asahi Glass Company, Limited** The name of the patentee has been altered to **AGC Inc.; Kaken Pharmaceutical Co., Ltd.**

**2011**

2011210538 **Eagle View Technologies** The name of the patentee has been altered to **Eagle View Technologies, Inc.**

**Amendments**

2011225259 Kaken Pharmaceutical Co., Ltd.; Asahi Glass Company, Limited The name of the patentee has been altered to **AGC Inc.; Kaken Pharmaceutical Co., Ltd.**

2011253645 Vehicle Components Pty Ltd The name of the patentee has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2011323824 NeuroVision Imaging, LLC The name of the applicant has been altered to **NeuroVision Imaging, Inc.**

**2012**

2012248676 Osaka University; Genomix Co., Ltd. The name of the patentee has been altered to **Osaka University; StemRIM Inc.**

**2013**

2013335684 Genomix Co., Ltd.; Osaka University The name of the patentee has been altered to **Osaka University; StemRIM Inc.**

2013335685 Osaka University; Genomix Co., Ltd. The name of the patentee has been altered to **Osaka University; StemRIM Inc.**

**2014**

2014202238 Vehicle Components Pty Ltd The name of the patentee has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2014354173 Asahi Glass Company, Limited The name of the patentee has been altered to **AGC Inc.**

2014387676 Mitsubishi Electric Corporation; Asahi Glass Company, Limited The name of the patentee has been altered to **AGC Inc.; Mitsubishi Electric Corporation**

**2015**

2015219000 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2015226799 Amirix Systems Inc. The name of the applicant has been altered to **InnovaSea Marine Systems Canada Inc.**

2015252695 Prenexus Health LLC The name of the applicant has been altered to **Prenexus Health, Inc.**

2015357562 RaNA Therapeutics, Inc. The name of the applicant has been altered to **Translate Bio, Inc.**

**2016**

2016100130 Vehicle Components Pty Ltd The name of the patentee has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2016101677 Vehicle Components Pty Ltd The name of the patentee has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2016202202 Vehicle Components Pty Ltd The name of the applicant has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2016213183 Asahi Glass Company, Limited The name of the applicant has been altered to **AGC Inc.**

**Amendments**

2016267286 Asahi Glass Company, Limited The name of the applicant has been altered to **AGC Inc.**

2016270566 Fluidic, Inc. The name of the applicant has been altered to **NantEnergy, Inc.**

2016283264 Asahi Glass Company, Limited The name of the applicant has been altered to **AGC Inc.**

2016297249 Inhibrx LP The name of the applicant has been altered to **Inhibrx, Inc.**

2016304794 Alexo Therapeutics Inc. The name of the applicant has been altered to **ALX Oncology Inc.**

2016329241 Simonelli Group S.p.A. The name of the applicant has been altered to **SIMONELLI GROUP S.P.A.**

2016401655 Halliburton Energy Services Inc. The name of the applicant has been altered to **Halliburton Energy Services, Inc.**

**2017**

2017101582 Find-Me Technologies Pty Ltd; Ingerson, David The name of the patentee has been altered to **Ingerson, D.**

2017203644 Osaka University; Genomix Co., Ltd. The name of the applicant has been altered to **Osaka University; StemRIM Inc.**

2017210613 Deere & Company; Iowa State University Research Foundation The name of the applicant has been altered to **Deere & Company; Iowa State University Research Foundation, Inc.**

2017212040 Fluidic, Inc. The name of the applicant has been altered to **NantEnergy, Inc.**

2017903091 AgCentre Pty Ltd The name of the applicant has been altered to **AG Centre Australia Pty Ltd**

**2018**

2018200775 Vehicle Components Pty Ltd The name of the applicant has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2018200811 Vehicle Components Pty Ltd The name of the applicant has been altered to **CRUISEMASTER AUSTRALIA PTY LTD**

2018203678 Simonelli Group S.p.A. The name of the applicant has been altered to **SIMONELLI GROUP S.P.A.**

2018211206 Sanofi-Aventis Deutschland The name of the applicant has been altered to **Sanofi-Aventis Deutschland GmbH**

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

Australian Patent/Patent Application 2011261171 in the name(s) of Technological Resources Pty. Limited

Applications Open to Public Inspection

Name Index

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

<p>(71) ABB Schweiz AG (11) AU-A-2018200820 (21) 2018200820 (22) 02.02.2018 (54) A method for recognising the communication protocol of data packets travelling over a communication bus (51) Int. Cl. G06F 11/00 ( 2006.01 ) H04L 1/00 ( 2006.01 ) (31) 17154572.6 (32) 03.02.17 (33) EP (43) 23.08.2018 (72) TAZZARI, Davide; VERNIA, Filippo (74) Griffith Hack</p>	<p>(71) Academia Sinica (11) AU-A-2018211345 (21) 2018211345 (22) 03.08.2018 (54) ANIMAL MODEL OF LONGEVITY AND RELATED METHODS FOR INCREASING LONGEVITY AND INHIBITING TUMORIGENESIS (51) Int. Cl. A01N 63/00 ( 2006.01 ) C12N 5/00 ( 2006.01 ) C12N 15/00 ( 2006.01 ) (43) 23.08.2018 (62) 2015312098 (72) SHYU, Yu-Chiau; SHEN, Che-Kun James (74) Patent Attorney Services</p>	<p>C09D 11/00 ( 2006.01 ) B44C 5/04 ( 2006.01 ) (43) 23.08.2018 (62) 2014339178 (72) Torfs, Rita; Van Baelen, Gitte (74) Shelston IP Pty Ltd.</p>
<p>(71) Ab Initio Technology LLC (11) AU-A-2018211280 (21) 2018211280 (22) 02.08.2018 (54) MANAGING MEMORY AND STORAGE SPACE FOR A DATA OPERATION (51) Int. Cl. G06F 9/50 ( 2006.01 ) (43) 23.08.2018 (62) 2014265246 (72) Khan, Muhammad Arshad; Rybicki, Stephen G.; Gould, Joel (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Acutus Medical, Inc. (11) AU-A-2018211348 (21) 2018211348 (22) 03.08.2018 (54) Catheter system and methods of medical uses of same, including diagnostic and treatment uses for the heart (51) Int. Cl. A61B 5/042 ( 2006.01 ) A61B 5/00 ( 2006.01 ) A61B 5/06 ( 2006.01 ) A61B 8/00 ( 2006.01 ) A61B 18/14 ( 2006.01 ) (43) 23.08.2018 (62) 2013308531 (72) Werneth, Randell L.; Beatty, Graydon E.; Corvi, Timothy J.; Flaherty, J. Christopher; Julian, Marcus Frederick (74) Watermark Intellectual Property Pty Ltd</p>	<p>(71) Alakai Technologies Corporation (11) AU-A-2018208669 (21) 2018208669 (22) 25.07.2018 (54) CLEAN FUEL ELECTRIC MULTIROTOR AIRCRAFT FOR PERSONAL AIR TRANSPORTATION AND MANNED OR UNMANNED OPERATION (51) Int. Cl. B64C 27/08 ( 2006.01 ) B64C 27/32 ( 2006.01 ) B64C 27/68 ( 2006.01 ) (43) 23.08.2018 (62) 2015253168 (72) MORRISON, Brian D. (74) Origin Patent and Trade Mark Attorneys</p>
<p>(71) Ab Initio Technology LLC (11) AU-A-2018213989 (21) 2018213989 (22) 07.08.2018 (54) VISUALIZING RELATIONSHIPS BETWEEN DATA ELEMENTS AND GRAPHICAL REPRESENTATIONS OF DATA ELEMENT ATTRIBUTES (51) Int. Cl. G06F 3/048 ( 2006.01 ) (43) 23.08.2018 (62) 2016201749 (72) Bator, Erik; Gould, Joel; Radivojevic, Dusan (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) AGFA NV (11) AU-A-2018211283 (21) 2018211283 (22) 02.08.2018 (54) Manufacturing of decorative surfaces by inkjet (51) Int. Cl. B41M 5/00 ( 2006.01 ) B41M 7/00 ( 2006.01 ) C09D 11/00 ( 2006.01 ) B44C 5/04 ( 2006.01 ) (43) 23.08.2018 (62) 2014339178 (72) Torfs, Rita; Van Baelen, Gitte (74) Shelston IP Pty Ltd.</p>	<p>(71) Aleis Pty Ltd (11) AU-A-2018213987 (21) 2018213987 (22) 07.08.2018 (54) ANIMAL IDENTIFICATION SYSTEMS (51) Int. Cl. A01K 11/00 ( 2006.01 ) A01K 1/00 ( 2006.01 ) (43) 23.08.2018 (62) 2015252767 (72) Wilkinson, Benjamin Thomas John; Clayton, Brian Antony; Finlayson, Frank John; Gunston, Patrick Bernard (74) Ellis Terry</p>
<p>(71) Ab Initio Technology LLC (11) AU-A-2018214000 (21) 2018214000 (22) 07.08.2018 (54) AGGREGATING DATA IN A MEDIATION SYSTEM (51) Int. Cl. G06F 17/30 ( 2006.01 ) H04M 15/00 ( 2006.01 ) (43) 23.08.2018 (62) 2013297031 (72) Rossi, Larry Paul (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) AGFA NV (11) AU-A-2018211284 (21) 2018211284 (22) 02.08.2018 (54) Manufacturing of decorative surfaces by inkjet (51) Int. Cl. B41M 5/00 ( 2006.01 ) B41M 7/00 ( 2006.01 )</p>	<p>(71) Allergan, Inc. (11) AU-A-2018211329 (21) 2018211329 (22) 03.08.2018 (54) Intraocular sustained release drug delivery systems and methods for treating ocular conditions (51) Int. Cl. A61K 31/5575 ( 2006.01 ) A61K 9/00 ( 2006.01 ) A61K 9/16 ( 2006.01 ) A61K 9/20 ( 2006.01 ) A61K 31/557 ( 2006.01 ) A61K 47/34 ( 2006.01 ) A61P 27/06 ( 2006.01 ) (43) 23.08.2018 (62) 2016231616 (72) Robinson, Michael R.; Burke, James A.; Liu, Hui; Orilla, Werhner C.; Spada, Lon T.; Whitcup, Scott; Ghebremeskel, Alazar N.; Hughes, Patrick M.; Xu, Kun; Do, Marianne M. (74) Davies Collison Cave Pty Ltd</p>

Applications Open to Public Inspection - Name Index cont'd

(71) American Greetings Corporation  
 (11) AU-A-2018211353  
 (21) 2018211353 (22) 06.08.2018  
 (54) VIRTUAL SHOP FOR ELECTRONIC GREETING CARDS  
 (51) Int. Cl.  
**H04W 4/16** ( 2009.01 )  
**G06Q 30/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014248785,2017221816  
 (72) Noyes, David; Drenik, Katie; Angorn, Matthew David; Matousek, Robert; Homma, Masanao; Reiss, Daniel Jonathan  
 (74) Spruson & Ferguson

(71) AMO Wavefront Sciences, LLC  
 (11) AU-A-2018211355  
 (21) 2018211355 (22) 06.08.2018  
 (54) Non-invasive refractive treatment using nanoparticles  
 (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014237761  
 (72) Raymond, Thomas D.; Copland, Richard J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Ancora Heart, Inc  
 (11) AU-A-2018213993  
 (21) 2018213993 (22) 07.08.2018  
 (54) Methods and devices for catheter advancement and delivery of substances therethrough  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2016266039  
 (72) Starksen, Niel F.; Im, Karl S.; Fabro, Mariel; Meier, Stephen; Serina, Eugene  
 (74) FB Rice Pty Ltd

(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2018214035  
 (21) 2018214035 (22) 08.08.2018  
 (54) PACKING BOX FOR SHUFFLED PLAYING CARDS  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2017203842  
 (72) Shigeta, Yasushi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Anthrogenesis Corporation  
 (11) AU-A-2018211287  
 (21) 2018211287 (22) 02.08.2018  
 (54) TUMOR SUPPRESSION USING HUMAN PLACENTA-DERIVED INTERMEDIATE NATURAL KILLER CELLS AND IMMUNOMODULATORY COMPOUNDS  
 (51) Int. Cl.

**C12N 5/0783** ( 2010.01 )  
**A61K 35/50** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61K 35/12** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2016216536  
 (72) Zhang, Xiaokui; Kang, Lin; Heidaran, Mohammad; Jasko, Steven; Zeitlin, Andy; Pal, Ajai; Hariri, Robert J.  
 (74) Phillips Ormonde Fitzpatrick

(71) Apple Inc.  
 (11) AU-A-2018214059  
 (21) 2018214059 (22) 08.08.2018  
 (54) Audio system with configurable zones  
 (51) Int. Cl.  
**H04R 3/12** ( 2006.01 )  
**H04S 7/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2017202717  
 (72) Family, Afrooz; Choisel, Sylvain J.; Geaves, Gary P.; Johnson, Martin E.; Wang, Erik L.; Howes, Michael B.; Bidmead, Anthony P.; Brown, Matthew I.; Holman, Tomlinson M.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2018214074  
 (21) 2018214074 (22) 09.08.2018  
 (54) Electronic device for digital object management  
 (51) Int. Cl.  
**G06F 19/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2017201548  
 (72) MATAS, Michael; CHRISTIE, Greg; MARCOS, Paul D.; FORSTALL, Scott; VAN OS, Marcel; ORDING, Bas; CHAUDHRI, Imran  
 (74) FPA Patent Attorneys Pty Ltd

(71) Araxes Pharma LLC  
 (11) AU-A-2018214014  
 (21) 2018214014 (22) 07.08.2018  
 (54) Covalent inhibitors of KRas G12C  
 (51) Int. Cl.  
**C07D 213/74** ( 2006.01 )  
**C07D 211/56** ( 2006.01 )  
**C07D 211/58** ( 2006.01 )  
**C07D 231/40** ( 2006.01 )  
**C07D 237/04** ( 2006.01 )  
**C07D 285/16** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 403/06** ( 2006.01 )  
**C07D 405/06** ( 2006.01 )  
**C07D 419/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014239542  
 (72) Ren, Pingda; Liu, Yi; Li, Liansheng; Feng, Jun; Wu, Tao  
 (74) Davies Collison Cave Pty Ltd

(71) Arcadia Biosciences, Inc.; SLADE, A.; LOEFFLER, D.; HOLM, A.; MULLENBERG, J.  
 (11) AU-A-2018211346  
 (21) 2018211346 (22) 03.08.2018  
 (54) Wheat with increased resistant starch levels  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2012318814  
 (72) SLADE, Ann J.; LOEFFLER, Dayna L.; HOLM, Aaron M.; MULLENBERG, Jessica C.  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018200351  
 (21) 2018200351 (22) 16.01.2018  
 (54) A GAMING MACHINE INTERFACE FOR A MULTI-GAME GAMING MACHINE  
 (51) Int. Cl.  
**G06F 3/048** ( 2013.01 )  
 (31) 2017900375 (32) 07.02.17 (33) AU  
 (43) 23.08.2018  
 (72) BRYANT, Natalie; RUSH, Kevan; UP-TON, Kenneth Mark  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018211327  
 (21) 2018211327 (22) 03.08.2018  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )  
 (43) 23.08.2018  
 (62) 2016216667  
 (72) INDRAKUMAR, Kuppam  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018214025  
 (21) 2018214025 (22) 07.08.2018  
 (54) MULTI-DIMENSIONAL PLAYER LOYALTY REWARDS SYSTEM AND METHOD  
 (51) Int. Cl.  
**G06Q 30/00** ( 2006.01 )  
**G06Q 99/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2016202895  
 (72) HOOVER, Janae; JANISCH, Jennifer Sherer; SHELDON, Alan Gael; DICKERSON, Scott  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018214072  
 (21) 2018214072 (22) 09.08.2018

Applications Open to Public Inspection - Name Index cont'd

(54) Computer System Based Gaming Device, System and Method

(51) Int. Cl.  
**A63F 13/61** ( 2014.01 )  
**A63F 13/63** ( 2014.01 )

(43) 23.08.2018  
(62) 2016210781  
(72) BENNETT, Nicholas  
(74) Griffith Hack

(71) AVERY DENNISON CORPORATION  
(11) AU-A-2018211288  
(21) 2018211288 (22) 02.08.2018  
(54) Printable adhesive and label assembly  
(51) Int. Cl.

**C09J 5/00** ( 2006.01 )  
**B65C 3/00** ( 2006.01 )  
**C09J 7/22** ( 2018.01 )  
**C09J 7/50** ( 2018.01 )  
**C09J 181/02** ( 2006.01 )  
**G09F 3/10** ( 2006.01 )

(43) 23.08.2018  
(62) 2015240954  
(72) WATERMAN, Michael T.; HUBLIKAR, Sudhendra V.; BARTHLOMEW, Eric L.; ZAJACZKOWSKI, Michael  
(74) Griffith Hack

(71) BAYER CROPSCIENCE AG  
(11) AU-A-2018214009  
(21) 2018214009 (22) 07.08.2018  
(54) Composition comprising a pesticidal terpene mixture and a fungicide  
(51) Int. Cl.

**A01N 27/00** ( 2006.01 )  
**A01N 37/24** ( 2006.01 )  
**A01N 37/34** ( 2006.01 )  
**A01N 37/46** ( 2006.01 )  
**A01N 43/36** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 47/12** ( 2006.01 )  
**A01N 47/14** ( 2006.01 )  
**A01N 57/12** ( 2006.01 )  
**A23B 7/154** ( 2006.01 )

(43) 23.08.2018  
(62) 2017201422  
(72) WACHENDORFF-NEUMANN, Ulrike; DAHMEN, Peter; HELLWEGE, Elke  
(74) Griffith Hack

(71) Becton, Dickinson and Company  
(11) AU-A-2018211450  
(21) 2018211450 (22) 06.08.2018  
(54) Catheter tubing with extraluminal antimicrobial coating  
(51) Int. Cl.  
**A61L 29/06** ( 2006.01 )  
**A61L 29/16** ( 2006.01 )  
**A61L 29/18** ( 2006.01 )  
**A61M 39/08** ( 2006.01 )

(43) 23.08.2018  
(62) 2015250122  
(72) Shevgoor, Siddarth K.  
(74) FB Rice Pty Ltd

**BINUN, P. see GUSTAVSSON, M.L.A.**  
(21) 2018214043

(71) BioNTech AG; Ganymed Pharmaceuticals AG; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH

(11) AU-A-2018211278  
(21) 2018211278 (22) 02.08.2018

(54) AGENTS FOR TREATMENT OF CLAUDIN EXPRESSING CANCER DISEASES

(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )

(43) 23.08.2018  
(62) 2013347184  
(72) Sahin, Ugur; Türeci, Özlem; Stadler, Christiane; Holland, Julia; Bähr-Mahmud, Hayat; Beissert, Tim; Plum, Laura; Le Gall, Fabrice; Jendretzki, Arne; Fiedler, Markus

(74) Phillips Ormonde Fitzpatrick

(71) BioTime, Inc.  
(11) AU-A-2018211308  
(21) 2018211308 (22) 03.08.2018  
(54) Methods and compositions for in vitro and in vivo chondrogenesis

(51) Int. Cl.  
**A61K 35/32** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**C12N 5/0735** ( 2010.01 )  
**C12N 5/077** ( 2010.01 )

(43) 23.08.2018  
(62) 2016201700  
(72) WEST, Michael D.; STERNBERG, Hal; CHAPMAN, Karen B.  
(74) FB Rice Pty Ltd

(71) BLUESCOPE STEEL LIMITED  
(11) AU-A-2018211333  
(21) 2018211333 (22) 03.08.2018  
(54) Solar sheeting for roofing or walling

(51) Int. Cl.  
**E04D 13/18** ( 2006.01 )  
**E04D 3/24** ( 2006.01 )  
**H01L 31/042** ( 2006.01 )

(43) 23.08.2018  
(62) 2016259319  
(72) LLOYDE, Matthew James; BLAIK, Kevin John; COBB, Kym; ALDRIDGE, Brett  
(74) Griffith Hack

(71) Brabble TV.Com LLC  
(11) AU-A-2018211335  
(21) 2018211335 (22) 03.08.2018  
(54) System and method for media-centric and monetizable social networking  
(51) Int. Cl.  
**H04L 29/06** ( 2006.01 )

(43) 23.08.2018  
(62) 2014274810  
(72) Kennon, Thomas; Benner, Sergy; Depalma, Jeffrey  
(74) Shelston IP Pty Ltd.

(71) Britax Childcare Pty Ltd  
(11) AU-A-2018211330  
(21) 2018211330 (22) 03.08.2018  
(54) BOOSTER SEAT IMPROVEMENTS  
(51) Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**B60N 2/26** ( 2006.01 )  
(43) 23.08.2018  
(62) 2016213806  
(72) Maciejczyk, Wieslaw; Serra, Daniel  
(74) Madderns Patent & Trade Mark Attorneys

(71) CareFusion 303, Inc.  
(11) AU-A-2018214010  
(21) 2018214010 (22) 07.08.2018  
(54) Needleless connector with support member  
(51) Int. Cl.  
**A61M 39/24** ( 2006.01 )  
(43) 23.08.2018  
(62) 2014228543  
(72) Yeh, Jonathan; Zollinger, Christopher J.; Mansour, George Michel; Quach, Matthew  
(74) FB Rice Pty Ltd

(71) Caterpillar Inc.  
(11) AU-A-2018200763  
(21) 2018200763 (22) 01.02.2018  
(54) TIRE MANAGEMENT SYSTEM AND METHOD  
(51) Int. Cl.  
**B60C 23/02** ( 2006.01 )  
**G01L 17/00** ( 2006.01 )  
(31) 15/427,356 (32) 08.02.17 (33) US  
(43) 23.08.2018  
(72) WOOD, Gregory M.; DAVIS, Gregory  
(74) FPA Patent Attorneys Pty Ltd

(71) CiDRA Corporate Services Inc.  
(11) AU-A-2018214007  
(21) 2018214007 (22) 07.08.2018  
(54) Polymer surfaces having a siloxane functional group  
(51) Int. Cl.  
**B01D 37/02** ( 2006.01 )  
**B01D 43/00** ( 2006.01 )  
(43) 23.08.2018  
(62) 2014265626  
(72) Rothman, Paul J.; Fernald, Mark R.; Didden, Francis K.; Adamson, Douglas H.  
(74) Shelston IP Pty Ltd.

(71) Combilift  
(11) AU-A-2018211281  
(21) 2018211281 (22) 02.08.2018  
(54) A motorised truck with tiller  
(51) Int. Cl.

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**B66F 9/075** ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2012389283  
**(72)** McVICAR, Martin; MOFFETT, Robert; WHYTE, Mark  
**(74)** FB Rice Pty Ltd

**(71)** Consejo Superior de Investigaciones Cientificas; PlantResponse Biotech, S.L.  
**(11)** AU-A-2018213967  
**(21)** 2018213967 **(22)** 06.08.2018  
**(54)** METHODS FOR ENHANCING DROUGHT TOLERANCE IN PLANTS  
**(51)** Int. Cl.

**A01N 33/24** ( 2006.01 )  
**A01C 1/06** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A01N 41/08** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )

**(43)** 23.08.2018  
**(62)** 2014307915  
**(72)** BORJA Y TOME, Marise; BONET GILGANTE, Julio; MOLINA FERNANDEZ, Antonio; SALINAS MUNOZ, Julio; CATALA RODRIGUEZ, Rafael  
**(74)** Collison & Co

**(71)** Counsyl, Inc.  
**(11)** AU-A-2018214075  
**(21)** 2018214075 **(22)** 09.08.2018  
**(54)** SYSTEMS AND METHODS FOR PRENATAL GENETIC ANALYSIS  
**(51)** Int. Cl.  
**C12P 19/34** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )

**(43)** 23.08.2018  
**(62)** 2014248511  
**(72)** Evans, Eric; Chu, Clement; Davison, Daniel Da; Richards, Hunter  
**(74)** Spruson & Ferguson

**(71)** CSR Building Products Limited  
**(11)** AU-A-2018200743  
**(21)** 2018200743 **(22)** 31.01.2018  
**(54)** Extended Length Panels  
**(51)** Int. Cl.  
**E04C 2/06** ( 2006.01 )  
**E04C 2/26** ( 2006.01 )  
**(31)** 2017900334 **(32)** 03.02.17 **(33)** AU  
**(43)** 23.08.2018  
**(72)** GRABHAM, Timothy Mark; ZEBIB, Steve  
**(74)** Griffith Hack

**(71)** D4D Technologies, LLC  
**(11)** AU-A-2018214026  
**(21)** 2018214026 **(22)** 07.08.2018  
**(54)** Intra-oral scanning device with illumination frames interspersed with image frames  
**(51)** Int. Cl.  
**A61C 19/04** ( 2006.01 )  
**A61B 6/14** ( 2006.01 )

**(43)** 23.08.2018  
**(62)** 2014211981  
**(72)** Tchouprakov, Andrei; Quadling, Mark; Quadling, Henley; Sokolov, Roman; Li, Ye; Duncan, Rod; Gheorghe, Radu  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Daikin Industries, Ltd.  
**(11)** AU-A-2017228531  
**(21)** 2017228531 **(22)** 27.03.2017  
**(54)** Method for using a mixture of fluorinated hydrocarbons as a refrigerant, and a refrigeration unit using the mixture as a refrigerant  
**(51)** Int. Cl.  
**C09K 5/00** ( 2006.01 )  
**(31)** 2017-018928 **(32)** 03.02.17 **(33)** JP  
**(43)** 23.08.2018  
**(72)** Itano, Mitsushi; Yamada, Yasufu; Tsuchiya, Tatsumi; Kuroki, Hitomi  
**(74)** Spruson & Ferguson

**(71)** DEKA Products Limited Partnership  
**(11)** AU-A-2018214031  
**(21)** 2018214031 **(22)** 08.08.2018  
**(54)** APPARATUS AND METHODS FOR HEMODIALYSIS  
**(51)** Int. Cl.  
**A61M 1/10** ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2016201358  
**(72)** Kamen, Dean; Demers, Jason A.; Chawan, Arun D.; Grant, Kevin L.; Dale, James D.; Collins, David E.; Witt, Michael J.; Prescott, Shannon; Marcek, Geoffrey A.; Bodwell, Jesse T.

**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** DEKA Products Limited Partnership  
**(11)** AU-A-2018214033  
**(21)** 2018214033 **(22)** 08.08.2018  
**(54)** HEMODIALYSIS SYSTEM  
**(51)** Int. Cl.  
**A61M 1/36** ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2016203424  
**(72)** Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.; Collins, David E.; Bodwell, Jesse T.; Rudolf, Brett A.; Panneton, Lisa A.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** DePuy Synthes Products, Inc.  
**(11)** AU-A-2018214069  
**(21)** 2018214069 **(22)** 09.08.2018  
**(54)** FILMS AND METHODS OF MANUFACTURE  
**(51)** Int. Cl.  
**A61L 31/06** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
**A61L 31/14** ( 2006.01 )  
**A61L 31/16** ( 2006.01 )  
**B32B 3/26** ( 2006.01 )

**(43)** 23.08.2018  
**(62)** 2014281010  
**(72)** Armbruster, David; Dwyer, James; Chomyn, Jeffrey; Kerr, Sean H.  
**(74)** Spruson & Ferguson

**(71)** Dolby International AB  
**(11)** AU-A-2018214048  
**(21)** 2018214048 **(22)** 08.08.2018  
**(54)** Processing of Audio Signals During High Frequency Reconstruction  
**(51)** Int. Cl.  
**G10L 21/02** ( 2006.01 )  
**G10L 21/038** ( 2013.01 )  
**(43)** 23.08.2018  
**(62)** 2016202767  
**(72)** Kjoerling, Kristofer  
**(74)** Chrysiliou IP

**(71)** Dong Han New Energy Automotive Technology Co., Ltd  
**(11)** AU-A-2018214115  
**(21)** 2018214115 **(22)** 16.05.2018  
**(54)** Laterally deployable photovoltaic device and solar vehicle  
**(51)** Int. Cl.  
**B60R 16/033** ( 2006.01 )  
**B60K 16/00** ( 2006.01 )  
**B60L 8/00** ( 2006.01 )  
**H02S 10/40** ( 2014.01 )  
**(31)** 201720585146.6 **(32)** 24.05.17 **(33)** CN  
**(43)** 23.08.2018  
**(72)** Yu, Xiang  
**(74)** Griffith Hack

**(71)** Dow AgroSciences LLC  
**(11)** AU-A-2018214049  
**(21)** 2018214049 **(22)** 08.08.2018  
**(54)** 4-amino-6-(heterocyclic)picolinates and 6-amino-2-(heterocyclic) pyrimidine-4-carboxylates and their use as herbicides  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2014235452  
**(72)** Eckelbarger, Joseph D.; Epp, Jeffrey B.; Fields, Stephen Craig; Fischer, Lindsey G.; Giampietro, Natalie C.; Guenthen-sperger, Katherine A.; Lowe, Christian T.; Petkus, Jeff; Roth, Joshua; Satchivi, Norbert M.; Schmitzer, Paul Richard; Siddall, Thomas L.; Wang, Nick X.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Dr Fabrication Inc.  
**(11)** AU-A-2017204163  
**(21)** 2017204163 **(22)** 20.06.2017  
**(54)** Self-propelled drilling vehicle  
**(51)** Int. Cl.  
**E21B 7/02** ( 2006.01 )  
**B62D 65/00** ( 2006.01 )  
**(31)** 2957347 **(32)** 07.02.17 **(33)** CA  
**(43)** 23.08.2018  
**(72)** Roy, Daniel  
**(74)** Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Ecolab Inc.  
 (11) AU-A-2018214018  
 (21) 2018214018 (22) 07.08.2018  
 (54) Foaming alcohol compositions with selected dimethicone surfactants  
 (51) Int. Cl.  
     A01N 31/04 ( 2006.01 )  
     A01N 25/02 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2017203607  
 (72) WEGNER, Joseph R.; LITTAU, Cheryl A.  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-A-2018211357  
 (21) 2018211357 (22) 06.08.2018  
 (54) Anti-agglomerants for controlling gas hydrates  
 (51) Int. Cl.  
     E21B 37/06 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014355141  
 (72) Webber, Peter A.; Nagappayya, Sahana  
 (74) Shelston IP Pty Ltd.

(71) ECOsubsea AS  
 (11) AU-A-2017200906  
 (21) 2017200906 (22) 09.02.2017  
 (54) Inspection vehicle  
 (51) Int. Cl.  
     B63B 59/10 ( 2006.01 )  
     B63B 9/00 ( 2006.01 )  
 (43) 23.08.2018  
 (72) Østervold, Tor Mikal; Østervold, Klaus  
 (74) Golja Haines & Friend

(71) EISAI R&D MANAGEMENT CO., LTD.  
 (11) AU-A-2018214086  
 (21) 2018214086 (22) 09.08.2018  
 (54) Use of eribulin in the treatment of breast cancer  
 (51) Int. Cl.  
     A61K 31/335 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2013353745  
 (72) KREMER, Alton; TARASSOFF, Peter; OLIVO, Martin; HE, Yi; GUO, D. Matthew; SAVULSKY, Claudio  
 (74) Griffith Hack

(71) Encompass Corporation Pty Ltd  
 (11) AU-A-2018214042  
 (21) 2018214042 (22) 08.08.2018  
 (54) INFORMATION DISPLAYING METHOD AND APPARATUS  
 (51) Int. Cl.  
     G06F 17/30 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2016204098  
 (72) JOHNSON, Wayne Noel; JONES, Richard Lloyd  
 (74) Davies Collison Cave Pty Ltd

(71) Epizyme, Inc.  
 (11) AU-A-2018211214  
 (21) 2018211214 (22) 31.07.2018  
 (54) CARM1 INHIBITORS AND USES THEREOF  
 (51) Int. Cl.  
     C07D 403/12 ( 2006.01 )  
     C07D 239/42 ( 2006.01 )  
     C07D 401/04 ( 2006.01 )  
     C07D 403/04 ( 2006.01 )  
     C07D 405/04 ( 2006.01 )  
     C07D 405/12 ( 2006.01 )  
     C07D 405/14 ( 2006.01 )  
     C07D 409/14 ( 2006.01 )  
     C07D 413/12 ( 2006.01 )  
     C07D 413/14 ( 2006.01 )  
     C07D 417/14 ( 2006.01 )  
     C07D 471/04 ( 2006.01 )  
     C07D 471/10 ( 2006.01 )  
     C07D 487/08 ( 2006.01 )  
     C07D 493/04 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014227775  
 (72) Shapiro, Gideon; Chesworth, Richard; Jin, Lei; Moradei, Oscar Miguel; Babine, Robert E.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ExxonMobil Upstream Research Company; General Electric Company  
 (11) AU-A-2018211194  
 (21) 2018211194 (22) 30.07.2018  
 (54) Context based geo-seismic object identification  
 (51) Int. Cl.  
     G01V 1/30 ( 2006.01 )  
     G01V 99/00 ( 2009.01 )  
 (43) 23.08.2018  
 (62) 2014237334  
 (72) Bas, Erhan; Can, Ali; Rittscher, Jens; Ge, Weina; Wrobel, Kelly E.; Imhof, Matthias G; Wahrmund, Leslie A.; Matteucci, Gianni; Da Costa Paiva, Antonio Rafael  
 (74) Watermark Intellectual Property Pty Ltd

(71) FMC Kongsberg Subsea AS  
 (11) AU-A-2018211290  
 (21) 2018211290 (22) 02.08.2018  
 (54) Subsea power distribution device and system  
 (51) Int. Cl.  
     H02G 3/10 ( 2006.01 )  
     H02J 3/36 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014255838  
 (72) Stromsvik, Torbjørn; Eretveit, Ragnar; Jemtland, Ola  
 (74) Davies Collison Cave Pty Ltd

(71) Foundation Medicine, Inc.  
 (11) AU-A-2018211304  
 (21) 2018211304 (22) 02.08.2018  
 (54) Optimization of multigene analysis of tumor samples  
 (51) Int. Cl.  
     C12Q 1/68 ( 2006.01 )  
     C40B 30/10 ( 2006.01 )

(43) 23.08.2018  
 (62) 2018203684  
 (72) Downing, Sean R.; Jarosz, Mirna; Lipson, Doron; Otto, Geoffrey Alan; Parker, Alexander N.; Shapiro, Mikhail G.; Stephens, Philip James; Yelensky, Roman  
 (74) FB Rice Pty Ltd

(71) Fybr  
 (11) AU-A-2018211289  
 (21) 2018211289 (22) 02.08.2018  
 (54) Distributed remote sensing system sensing device  
 (51) Int. Cl.  
     B60R 21/00 ( 2006.01 )  
     G07F 17/24 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014265191  
 (72) Becker, Paul; Goodwin, Richard E.; Horton, Edwin; Charvat, Gregory L.  
 (74) Watermark Intellectual Property Pty Ltd

**Ganymed Pharmaceuticals AG see BioNTech AG**  
 (21) 2018211278

(71) Gas Sensing Technology Corp.  
 (11) AU-A-2018211339  
 (21) 2018211339 (22) 03.08.2018  
 (54) Multi zone monitoring in boreholes  
 (51) Int. Cl.  
     E21B 33/12 ( 2006.01 )  
     E21B 33/124 ( 2006.01 )  
     E21B 33/127 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014318134  
 (72) Leach, Stuart; Wayne, Mike  
 (74) HopgoodGanim

(71) GEA Farm Technologies, Inc.  
 (11) AU-A-2018211343  
 (21) 2018211343 (22) 03.08.2018  
 (54) Safety valve for an automatic dairy animal milker unit backflusher and teat dip applicator  
 (51) Int. Cl.  
     A01J 7/02 ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2015271984  
 (72) TORGERSON, Kevin L.; HEDLUND, Nathan; STUESSEL, Matthew J.  
 (74) Spruson & Ferguson

(71) GENENTECH, INC.  
 (11) AU-A-2018214077  
 (21) 2018214077 (22) 09.08.2018  
 (54) Compositions and methods for regulating cell osmolarity  
 (51) Int. Cl.  
     C12N 15/63 ( 2006.01 )  
     C12N 5/10 ( 2006.01 )  
     C12N 15/12 ( 2006.01 )



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(43) 23.08.2018  
 (62) 2016203353  
 (72) MALPHETTES, Laetitia; SNOWDEN, Andrew; YUK, Inn H.  
 (74) Griffith Hack

**General Electric Company see ExxonMobil Upstream Research Company**  
 (21) 2018211194

(71) GEN-PROBE INCORPORATED  
 (11) AU-A-2018214081  
 (21) 2018214081 (22) 09.08.2018  
 (54) Methods and compositions for quantitative detection of nucleic acid sequences over an extended dynamic range

(51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2016225806  
 (72) BROWNE, Kenneth A.; KACIAN, Daniel L.  
 (74) Griffith Hack

(71) Glasses.com Inc.  
 (11) AU-A-2018214005  
 (21) 2018214005 (22) 07.08.2018  
 (54) Systems and methods for generating a 3-D model of a virtual try-on product  
 (51) Int. Cl.  
**G06T 17/00** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2013266192  
 (72) Coon, Jonathan; Gravois, Adam; Engle, Ryan; Turetsky, Darren  
 (74) Shelston IP Pty Ltd.

(71) Glasspoint Solar, Inc.  
 (11) AU-A-2018214085  
 (21) 2018214085 (22) 09.08.2018  
 (54) Direct Solar Steam Generation  
 (51) Int. Cl.  
**F24S 10/00** ( 2018.01 )  
 (43) 23.08.2018  
 (62) 2016204109  
 (72) O'Donnell, John Setel; Von Behrens, Peter Emery; Heisler, Stuart M.  
 (74) Davies Collison Cave Pty Ltd

(71) Glenmark Pharmaceuticals Limited  
 (11) AU-A-2018202623  
 (21) 2018202623 (22) 02.02.2018  
 (54) Oxalate salts of Teneligliptin and solvates thereof, intermediates, process of preparation and markers thereof  
 (51) Int. Cl.  
**C07D 417/00** ( 2006.01 )  
 (31) 201721004095 (32) 03.02.17 (33) IN  
 (43) 23.08.2018  
 (72) Kadam, Suresh Mahadev; Kansagra, Bipin Parsottam; Kale, Shrikrishna Kantilal; Bhirud, Shekhar Bhaskar; Dwivedi, Rajesh Kumar  
 (74) Griffith Hack

(71) Glenmark Pharmaceuticals Limited  
 (11) AU-A-2018202960  
 (21) 2018202960 (22) 02.02.2018  
 (54) Formulations comprising oxalate salts of Teneligliptin and solvates thereof  
 (51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
 (31) 201721004095 (32) 03.02.17 (33) IN  
 (43) 23.08.2018  
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 (74) Griffith Hack

(71) Gree Electric Appliances, Inc. of Zhuhai  
 (11) AU-A-2018211344  
 (21) 2018211344 (22) 03.08.2018  
 (54) CONTROL METHOD FOR AIR DEFLECTORS OF AIR CONDITIONER  
 (51) Int. Cl.  
**F24F 11/00** ( 2006.01 )  
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 (72) Lin, Weixue; Chen, Zebo; Kuang, Wenqi; Wang, Cheng; Yue, Yaobiao  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Gulba, D.  
 (11) AU-A-2018213972  
 (21) 2018213972 (22) 06.08.2018  
 (54) Use as rodenticides of compounds that inhibit blood coagulation  
 (51) Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**A01P 11/00** ( 2006.01 )  
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 (62) 2015273561  
 (72) Gulba, Dietrich  
 (74) Watermark Intellectual Property Pty Ltd

(71) GUSTAVSSON, M.L.A.; BINUN, P.  
 (11) AU-A-2018214043  
 (21) 2018214043 (22) 08.08.2018  
 (54) Laser shaving  
 (51) Int. Cl.  
**A45D 26/00** ( 2006.01 )  
**A61B 18/20** ( 2006.01 )  
 (43) 23.08.2018  
 (62) 2014228348  
 (72) GUSTAVSSON, Morgan Lars Ake; BINUN, Paul  
 (74) Griffith Hack

(71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018214041  
 (21) 2018214041 (22) 08.08.2018  
 (54) COMPRESSION ACTIVATED BYPASS VALVE  
 (51) Int. Cl.  
**E21B 34/06** ( 2006.01 )  
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 (21) 2018214073 (22) 09.08.2018  
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 (51) Int. Cl.  
**E21B 33/13** ( 2006.01 )  
**C09K 8/42** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-A-2018213964  
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 (54) Novel oxyntomodulin derivatives and pharmaceutical composition for treating obesity comprising the same  
 (51) Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
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 (72) JUNG, Sung Youb; JANG, Myung Hyun; SHEN, Ling Ai; PARK, Young Kyung; PARK, Young Jin; KWON, Se Chang  
 (74) FB Rice Pty Ltd

(71) Hay, R.  
 (11) AU-A-2018214056  
 (21) 2018214056 (22) 08.08.2018  
 (54) Computer-controlled, unattended, automated checkout store outlet  
 (51) Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**G07F 11/00** ( 2006.01 )  
 (43) 23.08.2018  
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 (72) Hay, Ronny  
 (74) Griffith Hack

(71) Hayward Industries, Inc  
 (11) AU-A-2018211302  
 (21) 2018211302 (22) 02.08.2018  
 (54) Power supplies for pool and spa equipment  
 (51) Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**H01P 1/00** ( 2006.01 )  
**H02J 5/00** ( 2006.01 )  
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(21) 2018214012

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(54) Seal delivery tracking system  
(51) Int. Cl.  
G06Q 10/08 ( 2012.01 )  
G09F 3/03 ( 2006.01 )  
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(21) 2018211346

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(11) AU-A-2018200145  
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(51) Int. Cl.  
E01B 35/12 ( 2006.01 )  
(31) A50094/2017 (32) 06.02.17 (33) AT  
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(21) 2018214080 (22) 09.08.2018  
(54) METHOD AND DEVICE FOR USER DEVICE TO SAVE POWER  
(51) Int. Cl.  
H04W 68/00 ( 2009.01 )  
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(51) Int. Cl.  
H02K 5/24 ( 2006.01 )  
E06B 9/68 ( 2006.01 )  
E06B 9/72 ( 2006.01 )  
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(74) Shelston IP Pty Ltd.

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(21) 2018200837 (22) 05.02.2018  
(54) Room darkening material and architectural covering made from same  
(51) Int. Cl.  
B32B 15/20 ( 2006.01 )  
B32B 19/00 ( 2006.01 )  
B32B 27/30 ( 2006.01 )  
E06B 9/40 ( 2006.01 )  
E06B 9/42 ( 2006.01 )  
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(71) IGT  
(11) AU-A-2018200835  
(21) 2018200835 (22) 05.02.2018  
(54) GAMING SYSTEM AND METHOD PROVIDING A SKILL-BASED WAGERING GAME  
(51) Int. Cl.  
A63F 13/00 ( 2014.01 )  
G07F 17/32 ( 2006.01 )  
(31) 15/882,501 (32) 29.01.18 (33) US  
62/455,092 06.02.17 US  
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(11) AU-A-2018214055  
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(54) Multilayer Fluidic Devices And Methods For Their Fabrication  
(51) Int. Cl.  
B29C 65/14 ( 2006.01 )  
B81C 3/00 ( 2006.01 )  
B29C 65/16 ( 2006.01 )  
B29C 65/82 ( 2006.01 )  
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(21) 2018211331 (22) 03.08.2018  
(54) PREPARATION OF MAYTANSINOID ANTIBODY CONJUGATES BY A ONE-STEP PROCESS  
(51) Int. Cl.  
A61P 35/00 ( 2006.01 )  
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(21) 2018211311 (22) 03.08.2018  
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(51) Int. Cl.  
A41D 13/015 ( 2006.01 )

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A41B 9/12 ( 2006.01 )  
A41D 13/05 ( 2006.01 )  
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(54) Intraoral dental suction and isolation system  
(51) Int. Cl.  
A61C 17/10 ( 2006.01 )  
A61B 1/24 ( 2006.01 )  
(43) 23.08.2018  
(62) 2016200275  
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(74) Davies Collison Cave Pty Ltd

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(54) ANTI-HEPCIDIN ANTIBODIES AND USES THEREOF  
(51) Int. Cl.  
C07K 16/00 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
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(62) 2014236677  
(72) Westerman, Mark; Ostland, Vaughn; Han, Huiling; Gutschow, Patrick; Westerman, Keith; Olbina, Gordana  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) INVENTYS THERMAL TECHNOLOGIES INC.  
(11) AU-A-2018213233  
(21) 2018213233 (22) 06.08.2018  
(54) SYSTEM AND METHOD FOR INTEGRATED CARBON DIOXIDE GAS SEPARATION FROM COMBUSTION GASES  
(51) Int. Cl.  
B01D 53/62 ( 2006.01 )  
B01D 53/02 ( 2006.01 )  
C01B 32/50 ( 2017.01 )  
(43) 23.08.2018  
(62) 2013370910  
(72) BOULET, Andre  
(74) AJ PARK

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(11) AU-A-2018213353  
(21) 2018213353 (22) 06.08.2018  
(54) SYSTEM AND METHOD FOR INTEGRATED CARBON DIOXIDE GAS SEPARATION FROM COMBUSTION GASES  
(51) Int. Cl.  
B01D 53/62 ( 2006.01 )  
B01D 53/02 ( 2006.01 )  
C01B 32/50 ( 2017.01 )

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 (54) SYSTEM AND METHOD FOR INTEGRATED CARBON DIOXIDE GAS SEPARATION FROM COMBUSTION GASES  
 (51) Int. Cl.  
*B01D 53/62* ( 2006.01 )  
*B01D 53/02* ( 2006.01 )  
*C01B 32/50* ( 2017.01 )

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 (51) Int. Cl.  
*B01D 53/62* ( 2006.01 )  
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*G01N 21/63* ( 2006.01 )  
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*C07D 263/56* ( 2006.01 )  
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 (21) 2018200900 (22) 07.02.2018

(54) Compositions and methods for treating skin conditions using light and polycarboxylic acids  
 (51) Int. Cl.  
*A61N 5/06* ( 2006.01 )  
*A61K 8/362* ( 2006.01 )  
*A61K 31/194* ( 2006.01 )  
*A61P 17/10* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
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(71) Joy MM Delaware, Inc.  
 (11) AU-A-2018200607  
 (21) 2018200607 (22) 25.01.2018  
 (54) Fluid filter for mining machine  
 (51) Int. Cl.  
*E21C 35/22* ( 2006.01 )  
*E21F 5/20* ( 2006.01 )  
 (31) 62/457,077 (32) 09.02.17 (33) US  
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 (21) 2018211314

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(71) Landmark Graphics Corporation  
 (11) AU-A-2018214036  
 (21) 2018214036 (22) 08.08.2018  
 (54) SYSTEMS AND METHODS FOR PLANNING WELL LOCATIONS WITH DYNAMIC PRODUCTION CRITERIA  
 (51) Int. Cl.  
*G06F 9/455* ( 2006.01 )  
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 (62) 2016222449  
 (72) Cullick, Alvin Stanley; Colvin, Dan  
 (74) Phillips Ormonde Fitzpatrick

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(71) Learning Institute for Science and Technology Pty Ltd; List Premier Education Pty Ltd  
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 (21) 2018211263 (22) 01.08.2018  
 (54) Advanced Learning System  
 (51) Int. Cl.  
*G09B 5/00* ( 2006.01 )  
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 (51) Int. Cl.  
*C12N 5/02* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
*C12N 5/071* ( 2010.01 )  
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 (62) 2015211514  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2018213988  
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 (54) Dynamic user interface customization  
 (51) Int. Cl.  
*G06F 9/44* ( 2006.01 )  
*G06F 9/445* ( 2006.01 )  
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 (74) FB Rice Pty Ltd

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**LOEFFLER, D. see Arcadia Biosciences, Inc.**  
 (21) 2018211346

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(71) Manik Ventures Limited  
 (11) AU-A-2018213966  
 (21) 2018213966 (22) 06.08.2018  
 (54) A pyrolysis chamber for treating domestic refuse and dwelling equipped with such a chamber  
 (51) Int. Cl.  
*B09B 3/00* ( 2006.01 )  
*B09B 5/00* ( 2006.01 )  
*C10J 3/00* ( 2006.01 )  
*F24D 7/00* ( 2006.01 )  
*F24D 15/00* ( 2006.01 )

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 (72) Spencer, Nik; Gibbon, Matthew; Jouhara, Hassam  
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**Massachusetts Institute of Technology see The Broad Institute, Inc.**  
 (21) 2018211340

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**MasterCard International Incorporated see Visa International Service Association**  
 (21) 2018213991

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(71) MasterCraft Boat Company, LLC  
 (11) AU-A-2018214002  
 (21) 2018214002 (22) 07.08.2018

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 (51) Int. Cl.  
**B63H 5/07** ( 2006.01 )  
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 (72) Myers, Michael D.; Uggeri, Michael J.; Ekern, David F.; Huyge, Matthew J.  
 (74) Griffith Hack

(71) MED-EL Elektromedizinische Geraete GmbH  
 (11) AU-A-2018214013  
 (21) 2018214013 (22) 07.08.2018  
 (54) Cochlear implant fitting via efferent nerve fibers  
 (51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
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 (21) 2018200565 (22) 24.01.2018  
 (54) DEVICES, SYSTEMS, AND METHODS FOR KNOTLESS SUTURE ANCHORS  
 (51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
 (31) 15/425,332 (32) 06.02.17 (33) US  
 (43) 23.08.2018  
 (72) Marks, Jacob A.; Joshi, Ami Shyam  
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(71) Miles, S.  
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 (54) CARGO BARRIERS  
 (51) Int. Cl.  
**B61D 45/00** ( 2006.01 )  
**B60P 3/00** ( 2006.01 )  
**B60R 5/00** ( 2006.01 )  
**B60R 7/00** ( 2006.01 )  
**B60R 11/00** ( 2006.01 )  
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 (62) 2015283810  
 (72) Miles, Shane  
 (74) Ahearn Fox

(71) Morris Corporation  
 (11) AU-A-2017200776  
 (21) 2017200776 (22) 03.02.2017  
 (54) WRITING INSTRUMENT HAVING AUTOMATIC SEALING STRUCTURE  
 (51) Int. Cl.  
**B43K 23/12** ( 2006.01 )  
**B43K 7/12** ( 2006.01 )  
**B43K 8/24** ( 2006.01 )  
**B43K 24/16** ( 2006.01 )  
 (43) 23.08.2018  
 (72) Yoon, Hyun-son  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Morris Corporation  
 (11) AU-A-2017200777  
 (21) 2017200777 (22) 03.02.2017  
 (54) RETRACTABLE TYPE WRITING INSTRUMENT  
 (51) Int. Cl.  
**B43K 7/12** ( 2006.01 )  
 (43) 23.08.2018  
 (72) Yoon, Hyun-son  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) MTI Group Pty Ltd  
 (11) AU-A-2018200916  
 (21) 2018200916 (22) 07.02.2018  
 (54) A Blast Hole Stabiliser  
 (51) Int. Cl.  
**F42D 1/18** ( 2006.01 )  
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 (74) IP Sentinels Patent and Trademark Attorneys

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 (21) 2018211346

(71) MyLaps B.V.  
 (11) AU-A-2017200839  
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 (54) Vertically-oriented antenna structure for a timing system  
 (51) Int. Cl.  
**H01Q 21/26** ( 2006.01 )  
**G07C 1/24** ( 2006.01 )  
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 (72) VAN RENS, Bas Jan Emile; VERWOERD, Adriaan Klaas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Myriad Genetics, Inc.  
 (11) AU-A-2018211277  
 (21) 2018211277 (22) 02.08.2018  
 (54) METHODS AND MATERIALS FOR ASSESSING LOSS OF HETEROZYGOSITY  
 (51) Int. Cl.  
**C12Q 1/04** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
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 (72) Abkevich, Victor; Gutin, Alexander; Timms, Kirsten; Lanchbury, Jerry  
 (74) Peter Maxwell & Associates

(71) NeoStrata Company, Inc.  
 (11) AU-A-2018214068  
 (21) 2018214068 (22) 09.08.2018  
 (54) N-acyldipeptide derivatives and their uses  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )

**A61K 38/05** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Nestec S.A.  
 (11) AU-A-2018211313  
 (21) 2018211313 (22) 03.08.2018  
 (54) Use of a modified sweet whey and a modified sweet whey containing infant formula for promoting the postnatal development of the infant central nervous system and related cognitive functions  
 (51) Int. Cl.  
**A23L 33/10** ( 2016.01 )  
**A23C 9/20** ( 2006.01 )  
**A23L 33/17** ( 2016.01 )  
**A61K 35/20** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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 (62) 2014363470  
 (72) Faure, Magali  
 (74) Shelston IP Pty Ltd.

(71) Neville, T.  
 (11) AU-A-2018200961  
 (21) 2018200961 (22) 08.02.2018  
 (54) Apparatus for Removal and Fitting of a Panel of a Vehicle and Associated Method of Use  
 (51) Int. Cl.  
**B05B 13/02** ( 2006.01 )  
**B05C 13/02** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 11/42** ( 2006.01 )  
 (31) 2017900416 (32) 09.02.17 (33) AU  
 (43) 23.08.2018  
 (72) Neville, Travis James  
 (74) IP& Pty Ltd

(71) Nevro Corp.  
 (11) AU-A-2018200890  
 (21) 2018200890 (22) 07.02.2018  
 (54) EXTERNAL SPINAL CORD STIMULATION DEVICES, AND ASSOCIATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
**A61N 1/375** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
 (31) 62/457,114 (32) 09.02.17 (33) US  
 15/888,874 05.02.18 US  
 (43) 23.08.2018  
 (72) Foreman, Bret; Sunkeri, Pankaj  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Nokia Solutions and Networks Oy  
 (11) AU-A-2018213992  
 (21) 2018213992 (22) 07.08.2018  
 (54) Method and apparatus for offloading traffic from cellular to WLAN using assistance information  
 (51) Int. Cl.  
**H04W 36/22** ( 2009.01 )  
**H04W 28/02** ( 2009.01 )

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**(72)** WOLFNER, Gyorgy Tamas; TERVON-  
 EN, Janne Petteri; SCHWARZBAUER,  
 Hanns Juergen; REDANA, Simone  
**(74)** Spruson & Ferguson

**(71)** Nokia Solutions and Networks Oy  
**(11)** AU-A-2018214038  
**(21)** 2018214038 **(22)** 08.08.2018  
**(54)** Methods, apparatuses, and computer  
 program products for providing dynamic  
 uplink-downlink reconfiguration informa-  
 tion to user equipments  
**(51)** Int. Cl.  
*H04W 72/04* ( 2009.01 )  
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**(62)** 2014283410  
**(72)** LUNTTILA, Timo Erkki; TIIROLA, Esa  
 Tapani; HOOLI, Kari Juhani  
**(74)** Spruson & Ferguson

**(71)** Northern Trust Corporation  
**(11)** AU-A-2017352545  
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**(54)** Systems and methods for digital identity  
 management and permission controls  
 within distributed network nodes  
**(51)** Int. Cl.  
*G06F 21/00* ( 2013.01 )  
**(31)** 15/845,662 **(32)** 18.12.17 **(33)** US  
 62/455,471 06.02.17 US  
**(43)** 23.08.2018  
**(72)** Czupek, Andrew; Monks, Andrew;  
 Stevens, Anthony; Das, Arijit; Price,  
 Christopher; Chapman, Justin; Han-  
 naway, Wayne; Smith, Zabrina  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Ocado Innovation Limited  
**(11)** AU-A-2018211338  
**(21)** 2018211338 **(22)** 03.08.2018  
**(54)** Apparatus for retrieving units from a  
 storage system  
**(51)** Int. Cl.  
*B65G 1/04* ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2014304360  
**(72)** LINDBO, Lars Sverker Ture; STADIE,  
 Robert Rolf; WHELAN, Matthew  
 Robert; BRETT, Christopher Richard  
 James  
**(74)** Griffith Hack

**(71)** Ocado Innovation Limited  
**(11)** AU-A-2018211341  
**(21)** 2018211341 **(22)** 03.08.2018  
**(54)** Apparatus for retrieving units from a  
 storage system  
**(51)** Int. Cl.  
*B65G 1/04* ( 2006.01 )

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**(72)** LINDBO, Lars Sverker Ture; STADIE,  
 Robert Rolf; WHELAN, Matthew  
 Robert; BRETT, Christopher Richard  
 James  
**(74)** Griffith Hack

**(71)** PepsiCo, Inc.  
**(11)** AU-A-2018211303  
**(21)** 2018211303 **(22)** 02.08.2018  
**(54)** Hot and cold beverage dispenser  
**(51)** Int. Cl.  
*A47J 31/41* ( 2006.01 )  
*A47J 31/40* ( 2006.01 )  
*A47J 31/56* ( 2006.01 )  
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 STEIN, Aaron M.  
**(74)** Spruson & Ferguson

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**(71)** Pobjoy, R.  
**(11)** AU-A-2018200917  
**(21)** 2018200917 **(22)** 07.02.2018  
**(54)** Rain Catchment Fence Assembly  
**(51)** Int. Cl.  
*E04H 17/14* ( 2006.01 )  
*E03B 1/00* ( 2006.01 )  
*E03B 3/02* ( 2006.01 )  
*E04H 17/00* ( 2006.01 )  
*E04H 17/16* ( 2006.01 )  
**(31)** 2017900410 **(32)** 09.02.17 **(33)** AU  
**(43)** 23.08.2018  
**(72)** Pobjoy, Robert Neil  
**(74)** HopgoodGanim

**President and Fellows of Harvard College  
 see The Broad Institute, Inc.**  
**(21)** 2018211340

**(71)** Pridefield Limited  
**(11)** AU-A-2018200695  
**(21)** 2018200695 **(22)** 30.01.2018  
**(54)** Gaming machine with moving trigger  
 symbols  
**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*G07F 17/34* ( 2006.01 )  
**(31)** 1701938.1 **(32)** 06.02.17 **(33)** GB  
**(43)** 23.08.2018  
**(72)** WORTMANN, Jonathan Bruce  
**(74)** Spruson & Ferguson

**(71)** Pure Technologies Ltd  
**(11)** AU-A-2018213965  
**(21)** 2018213965 **(22)** 06.08.2018  
**(54)** METHOD AND SYSTEM FOR NON-  
 DESTRUCTIVE RAIL INSPECTION  
**(51)** Int. Cl.

*B61K 9/10* ( 2006.01 )  
*G01N 33/20* ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2015218147  
**(72)** Paulson, Peter O.  
**(74)** Spruson & Ferguson

**(71)** RESILIENZE FOR LIFE PTY LTD  
**(11)** AU-A-2018200534  
**(21)** 2018200534 **(22)** 23.01.2018  
**(54)** A PSYCHOLOGY-BASED BOARD  
 GAME AND METHODS OF PLAY  
 THEREOF  
**(51)** Int. Cl.  
*A63F 3/00* ( 2006.01 )  
*A63F 9/18* ( 2006.01 )  
*A63F 13/45* ( 2014.01 )  
**(31)** 2017900357 **(32)** 06.02.17 **(33)** AU  
**(43)** 23.08.2018  
**(72)** MARGETTS, Judy  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Russo, W.  
**(11)** AU-A-2017200815  
**(21)** 2017200815 **(22)** 06.02.2017  
**(54)** Tile Lippage Removal System  
**(51)** Int. Cl.  
*E04F 21/00* ( 2006.01 )  
**(43)** 23.08.2018  
**(72)** Russo, William P.  
**(74)** Michael Buck IP

**(71)** RX Smart Gear, Inc.  
**(11)** AU-A-2018203484  
**(21)** 2018203484 **(22)** 30.01.2018  
**(54)** Handle for jump rope  
**(51)** Int. Cl.  
*A63B 5/20* ( 2006.01 )  
**(31)** 15/425,832 **(32)** 06.02.17 **(33)** US  
**(43)** 23.08.2018  
**(72)** Newman, David R.  
**(74)** WRAYS PTY LTD

**(71)** S&C Electric Company  
**(11)** AU-A-2018214050  
**(21)** 2018214050 **(22)** 08.08.2018  
**(54)** DROPOUT RECLOSER  
**(51)** Int. Cl.  
*H01H 33/666* ( 2006.01 )  
*H01H 1/00* ( 2006.01 )  
*H01H 75/04* ( 2006.01 )  
**(43)** 23.08.2018  
**(62)** 2016208302  
**(72)** Montenegro, Alejandro; Smith, Richard  
 G.; Montante, Jorge; Ross, Michael  
**(74)** Spruson & Ferguson

**(71)** Saad, A.  
**(11)** AU-A-2018200823  
**(21)** 2018200823 **(22)** 03.02.2018  
**(54)** DOOR PREPARATION SUPPORT AS-  
 SEMBLY  
**(51)** Int. Cl.  
*B05B 13/02* ( 2006.01 )  
*B05B 15/60* ( 2018.01 )  
*B05C 13/02* ( 2006.01 )

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 (54) Engineered Comestible Meat  
 (51) Int. Cl.  
**A23L 13/00** ( 2016.01 )  
**C12N 5/07** ( 2010.01 )  
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 (74) WRAYS PTY LTD

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 (11) AU-A-2018213998  
 (21) 2018213998 (22) 07.08.2018  
 (54) Femtowatt non-vacuum tube detector assembly  
 (51) Int. Cl.  
**H01L 31/04** ( 2006.01 )  
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 (72) MOHAN, Karan; MARTINEZ, Marcelo  
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(71) Tiger Profiles and Insulation LLC  
 (11) AU-A-2018213975  
 (21) 2018213975 (22) 06.08.2018  
 (54) A METHOD OF MANUFACTURING A COMPOSITE BUILDING ELEMENT AND SYSTEM THEREFOR  
 (51) Int. Cl.  
**B32B 27/00** ( 2006.01 )  
**E04B 2/16** ( 2006.01 )  
**E04B 2/18** ( 2006.01 )  
**E04B 2/92** ( 2006.01 )  
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 (21) 2017204746 (22) 06.09.2017  
 (54) Red or Black  
 (51) Int. Cl.  
**A63F 1/00** ( 2006.01 )  
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 (74) Baxter Patent Attorneys Pty Ltd

(71) Trading Technologies International, Inc  
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 (54) METHOD AND APPARATUS FOR MOTION BASED TARGET PREDICTION AND INTERACTION  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
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 (54) DISPLAY ASSEMBLY  
 (51) Int. Cl.  
**A47F 3/12** ( 2006.01 )  
**F25D 23/00** ( 2006.01 )  
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 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2018211315 (22) 03.08.2018  
 (54) MAXIMUM POWER POINT TRACKING DEVICE AND EVALUATION METHOD FOR PHOTOVOLTAIC MODULE  
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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (54) MATERIALS AND METHODS FOR IMPROVING LUNG FUNCTION AND FOR PREVENTION AND/OR TREATMENT OF RADIATION-INDUCED LUNG COMPLICATIONS  
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**A61K 31/198** ( 2006.01 )  
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 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) University of Miami  
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 (54) METHOD FOR ISOLATION AND PURIFICATION OF MICROVESICLES FROM CELL CULTURE SUPERNATANTS AND BIOLOGICAL FLUIDS  
 (51) Int. Cl.  
**G01N 1/34** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

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**C12N 15/88** ( 2006.01 )  
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**E02F 3/04** ( 2006.01 )  
**B65G 17/00** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
**E02F 9/24** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**G01P 11/00** ( 2006.01 )  
**G05D 7/00** ( 2006.01 )  
**G05D 13/00** ( 2006.01 )  
**G06F 17/15** ( 2006.01 )  
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 (74) Michael Buck IP

(71) Veritas Technologies LLC  
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 (54) SYSTEMS AND METHODS FOR MAINTAINING GROUP MEMBERSHIP RECORDS  
 (51) Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
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(71) Vermeer Manufacturing Company  
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 (51) Int. Cl.  
**E02F 3/18** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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

(71) Visa International Service Association; MasterCard International Incorporated  
 (11) AU-A-2018213991  
 (21) 2018213991 (22) 07.08.2018  
 (54) Network token system  
 (51) Int. Cl.  
*H04L 9/30* ( 2006.01 )  
*G06Q 20/40* ( 2012.01 )  
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(71) Windgap Medical, Inc.  
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 (54) Compression seal for use with a liquid component storage vial of an auto-injector  
 (51) Int. Cl.  
*A61M 5/00* ( 2006.01 )  
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 (43) 23.08.2018  
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 (54) Verification of portable consumer devices  
 (51) Int. Cl.  
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*G06Q 20/00* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
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 (62) 2016203876  
 (72) HAMMAD, Ayman  
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(71) Wyeth LLC  
 (11) AU-A-2018213968  
 (21) 2018213968 (22) 06.08.2018  
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 (51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
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 (54) Porous materials having a fibrillar microstructure and a fractureable coating  
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*A61L 27/16* ( 2006.01 )  
*A61L 27/34* ( 2006.01 )  
*A61L 27/50* ( 2006.01 )  
*A61L 31/04* ( 2006.01 )  
*A61L 31/10* ( 2006.01 )  
*A61L 31/14* ( 2006.01 )  
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 (72) KOVACH, Larry J.  
 (74) Griffith Hack

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 (54) NOVEL LASER METHODS  
 (51) Int. Cl.  
*A61D 1/00* ( 2006.01 )  
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 (72) COX, Todd A.  
 (74) AJ PARK

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 (54) AUTONOMOUS CONNECTION EVALUATION AND SHOULDER DETECTION FOR TUBULAR MAKEUP  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
*G01L 5/24* ( 2006.01 )  
 (31) 62/454,513 (32) 03.02.17 (33) US  
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(71) Zephyr Mine & Ag Services Pty Ltd  
 (11) AU-A-2018200880  
 (21) 2018200880 (22) 06.02.2018  
 (54) SYSTEM AND METHOD FOR VENTILATING AN UNDERGROUND MINE  
 (51) Int. Cl.  
*E21F 1/00* ( 2006.01 )  
 (31) 2017900377 (32) 07.02.17 (33) AU  
 (43) 23.08.2018  
 (72) Phillips, John David Anthony  
 (74) Davies Collison Cave Pty Ltd



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<p>(71) ACE PRODUCT HOLDINGS PTY LTD                      (11) AU-A-2018100975                      (21) 2018100975 (22) 09.07.2018                      (54) Bagpipe Chanter Guide                      (51) Int. Cl.  <i>G10D 9/00</i> ( 2006.01 )  <i>G10D 7/06</i> ( 2006.01 )                      (31) 2017902663 (32) 07.07.17 (33) AU                      (45) 23.08.2018                      (72) Horton, Colin; Laverty, Edward; Terei, Anaru                      (74) ACE PRODUCT HOLDINGS PTY LTD</p>	<p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2018101016                      (21) 2018101016 (22) 23.07.2018                      (54) AgriGate Supply Chain System                      (51) Int. Cl.  <i>G06Q 50/02</i> ( 2012.01 )  <i>G06Q 50/28</i> ( 2012.01 )                      (45) 23.08.2018                      (72) Askew, Peter                      (74) AUSSIE FOOD TO YOU PTY LTD</p>	<p>(21) 2018101019 (22) 24.07.2018                      (54) IMPROVEMENTS TO METHODS FOR SECURITY DOCUMENTS INCLUDING MICRO IMAGE ELEMENTS                      (51) Int. Cl.  <i>B42D 25/30</i> ( 2014.01 )  <i>B41M 3/14</i> ( 2006.01 )  <i>B42D 25/00</i> ( 2014.01 )  <i>B42D 25/23</i> ( 2014.01 )  <i>B42D 25/24</i> ( 2014.01 )  <i>B42D 25/29</i> ( 2014.01 )                      (45) 23.08.2018                      (72) Jolic, Karlo; Power, Gary Fairless; Batistatos, Odisea                      (74) Phillips Ormonde Fitzpatrick</p>
<p>(71) Alcolizer Pty Ltd                      (11) AU-A-2018101008                      (21) 2018101008 (22) 20.07.2018                      (54) A BREATH TESTER                      (51) Int. Cl.  <i>A61B 5/097</i> ( 2006.01 )                      (45) 23.08.2018                      (62) PCT/AU2017/050437                      (72) Hunt, Roger Alan; Brown, James John                      (74) Spruson &amp; Ferguson</p>	<p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2018101017                      (21) 2018101017 (22) 23.07.2018                      (54) Anticounterfeiting perishables packaging                      (51) Int. Cl.  <i>B65B 61/26</i> ( 2006.01 )  <i>G06K 1/12</i> ( 2006.01 )                      (45) 23.08.2018                      (72) Askew, Peter                      (74) AUSSIE FOOD TO YOU PTY LTD</p>	<p>(71) Cheng, H.                      (11) AU-A-2018101001                      (21) 2018101001 (22) 18.07.2018                      (54) APPARATUS, SYSTEM AND METHOD FOR ALARM TRIGGERED ELECTRICAL SUPPLY DISCONNECTION                      (51) Int. Cl.  <i>G01R 31/00</i> ( 2006.01 )                      (45) 23.08.2018                      (62) 2017256648                      (72) Cheng, Hong                      (74) James &amp; Wells Intellectual Property</p>
<p>(71) Apple Inc.                      (11) AU-A-2018101014                      (21) 2018101014 (22) 23.07.2018                      (54) User interfaces for transactions                      (51) Int. Cl.  <i>G06Q 20/30</i> ( 2012.01 )  <i>G06F 3/048</i> ( 2006.01 )                      (45) 23.08.2018                      (62) 2017101563                      (72) VAN OS, Marcel; ALABI, Oluwatomiwa B.; ANTON, Peter D.; DICKER, George R.; TICKNER, Simon; GRAINGER, Morgan; SHEARER, Nicholas J.; LYNCH, Kevin; CANTELMO, Leonardo N.                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) AUSTRALIAN FRONTIER PRODUCTS PTY LTD                      (11) AU-A-2018101010                      (21) 2018101010 (22) 20.07.2018                      (54) A METHOD OF HARVESTING METHANE OR OTHER GASES FROM GARBAGE                      (51) Int. Cl.  <i>B09B 3/00</i> ( 2006.01 )                      (45) 23.08.2018                      (72) Nolan, Shaun; Gammon, Anthony James                      (74) AUSTRALIAN FRONTIER PRODUCTS PTY LTD</p>	<p>(71) Cordless Carpet Tools Pty Ltd                      (11) AU-A-2018101025                      (21) 2018101025 (22) 24.07.2018                      (54) A Carpet Iron                      (51) Int. Cl.  <i>B29C 65/20</i> ( 2006.01 )  <i>B29C 65/24</i> ( 2006.01 )                      (31) 2017905195 (32) 23.12.17 (33) AU                      (45) 23.08.2018                      (72) Scott, Kane Archie                      (74) Eagar &amp; Associates Pty Ltd</p>
<p>(71) AUSET PACIFIC PTY. LTD.                      (11) AU-A-2018101013                      (21) 2018101013 (22) 22.07.2018                      (54) Business methodology for setting up new energy retailer based on the latest hi-tech technology on blockchain and smart contract utilization, by awarding endeavor for planet savings with carbon credits monetization, creating new green energy production facilities and developing sustainable residential Net-Zero dwellings (estates).                      (51) Int. Cl.  <i>G06Q 50/06</i> ( 2012.01 )                      (45) 23.08.2018                      (72) Saric, Adi; Neimar-Saric, Elma                      (74) AUSET PACIFIC PTY. LTD.</p>	<p>(71) AWAD, C.                      (11) AU-A-2018101011                      (21) 2018101011 (22) 21.07.2018                      (54) VEGETATION &amp; LAWN TRIMMER LINE ( UNIVERSAL - IMPROVED )                      (51) Int. Cl.  <i>A01D 34/416</i> ( 2006.01 )  <i>A01D 34/47</i> ( 2006.01 )                      (31) 2017904585 (32) 13.11.17 (33) AU                      (45) 23.08.2018                      (72) AWAD, CAMILLE                      (74) CAMILLE AWAD</p>	<p>(71) Creative BuzzTech; Rifat, M.                      (11) AU-A-2018100963                      (21) 2018100963 (22) 08.07.2018                      (54) Evaporative Cooling vent seal is invented for preventing household heat loss through cooling vents, it is a seasonally reusable solution conveniently sealing the cooling vents, which are open to the outside just like open windows. Designed to reduce 20 % of household heat loss, energy consumption and carbon emissions, 1 ton per annum. Covers are used with the aid of adhesive magnetic seals, magnets A, and B forming an airtight seal.                      (51) Int. Cl.  <i>F24F 13/00</i> ( 2006.01 )  <i>F16J 15/02</i> ( 2006.01 )</p>
<p>(71) CAETANO, V. see Phelan, M.                      (21) 2018101027</p>	<p>(71) CCL Secure Pty Ltd                      (11) AU-A-2018101019</p>	

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(72) Rifat, Michael A.  
(74) Michael A. Rifat

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(71) ERACLEOUS, N.  
(11) AU-A-2018101006  
(21) 2018101006 (22) 19.07.2018  
(54) AN ONLINE SYSTEM FOR EMPLOYMENT OF TEMPORARY EMPLOYEES  
(51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
(45) 23.08.2018  
(62) PCT/AU2017/050548  
(72) LEONIDAS, Patrick  
(74) Baxter Patent Attorneys Pty Ltd

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(71) Freeman, P.  
(11) AU-A-2018101040  
(21) 2018101040 (22) 27.07.2018  
(54) SHORING BAR GRIPPER  
(51) Int. Cl.  
**B60P 7/15** ( 2006.01 )  
(45) 23.08.2018  
(72) Freeman, Paul  
(74) David Shanks & Associates

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(71) Giglio, G.  
(11) AU-A-2018100746  
(21) 2018100746 (22) 04.06.2018  
(54) DIDACTIC THEODOLITE MEASURING INSTRUMENT WHICH MAKES IT POSSIBLE TO INTERPRET AN INTERACTIVE FORM THE TRIGONOMETRIC AND GEOMETRIC REASONING USABLE IN THE PEDAGOGY  
(51) Int. Cl.  
**G01C 1/00** ( 2006.01 )  
**G01C 1/02** ( 2006.01 )  
**G01C 15/00** ( 2006.01 )  
**G01C 15/12** ( 2006.01 )  
(45) 23.08.2018  
(62) PCT/CL2016/000067  
(72) Giglio, Giovanni Marcelo  
(74) Giovanni Marcelo Giglio

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(71) Guzzomi, C.; Huston, A.  
(11) AU-A-2018101026  
(21) 2018101026 (22) 24.07.2018  
(54) Pasta Straw  
(51) Int. Cl.  
**A47G 21/18** ( 2006.01 )  
(45) 23.08.2018  
(72) Guzzomi, Cristina; Huston, Arian  
(74) Cristina Guzzomi

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Huston, A. see Guzzomi, C.  
(21) 2018101026

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(71) INTECHPRO PTY. LTD.  
(11) AU-A-2018100713  
(21) 2018100713 (22) 27.05.2018  
(54) Auto Direct Debit and Credit Switching Software is an enhanced version of the patent 2018100446. This software keeps the echo system updated auto-

matically with the direct debit and direct credit details to avoid service disruption to the customers when their card or bank account change OR customers move to another bank / agency OR when there is a change to the merchants, service providers, payment systems, agencies, banks and others in the echo system. Also provides unified view of all the direct debit and credit details of customer to manage either existing OR new direct debit / credit.

(51) Int. Cl.  
**G06Q 20/22** ( 2012.01 )  
(45) 23.08.2018  
(72) Kori Shetty, Somashekhar; Keni, Shailaja  
(74) INTECHPRO PTY. LTD.

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Kapadia, B. see Phelan, M.  
(21) 2018101027

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(71) LEADVISION PTY. LTD.  
(11) AU-A-2018100864  
(21) 2018100864 (22) 20.07.2018  
(54) Digital Transformation Platform Enterprise (DTPE) is integrated solutions and modules embedded with processes, methodology framework, and global best practices to enable fast and effective business transformation. This is our niche product covering all aspects of any organization needs, with front end Strategies, Portfolio Project management, CRM and ERP including process automation to digitalize the entire operation process. DTPE enables business with a unique user interface which simplifies training and organizational change management fatigue.  
(51) Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
(45) 23.08.2018  
(72) Wakeb, Amr  
(74) LEADVISION PTY. LTD.

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(71) Marshall, S.  
(11) AU-A-2018101009  
(21) 2018101009 (22) 20.07.2018  
(54) Comfy Bum Chair Bag  
(51) Int. Cl.  
**A47C 7/62** ( 2006.01 )  
**A47C 7/38** ( 2006.01 )  
(45) 23.08.2018  
(72) Marshall, Sherri Lyn  
(74) Sherri Lyn Marshall

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(71) Maxfield Lam, P.L.J.; Trevor, W.S.  
(11) AU-A-2018101002  
(21) 2018101002 (22) 18.07.2018  
(54) Fixing Brackets for Glass Fiber Reinforced Concrete Composite Cladding for Curtain Wall as Building Element and Methods of Making & Using same.  
(51) Int. Cl.  
**E04B 2/96** ( 2006.01 )  
**E04C 2/22** ( 2006.01 )

**E04C 2/26** ( 2006.01 )  
**E04F 13/08** ( 2006.01 )

(45) 23.08.2018  
(72) Maxfield Lam, Po Lui Jeffrey; Trevor, Willcox Shane  
(74) Po Lui Jeffrey Maxfield Lam

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(71) McManamey, K.  
(11) AU-A-2018101018  
(21) 2018101018 (22) 24.07.2018  
(54) This invention relates to 360 degree cameras for installation in tennis net posts and tennis net posts incorporating such 360 degree cameras to allow for the provision of 360-degree broadcasts from the perspective of the location of the tennis net posts during a tennis match.  
(51) Int. Cl.  
**G03B 17/00** ( 2006.01 )  
(45) 23.08.2018  
(72) McManamey, Kip  
(74) Kip McManamey

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(71) McWhirter, N.  
(11) AU-A-2018101000  
(21) 2018101000 (22) 17.07.2018  
(54) Zero Waste Community Management Project  
(51) Int. Cl.  
**G06Q 99/00** ( 2006.01 )  
(45) 23.08.2018  
(72) McWhirter, Nicola  
(74) Nicola McWhirter

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(71) MESSAGE 4U PTY LIMITED  
(11) AU-A-2018101015  
(21) 2018101015 (22) 23.07.2018  
(54) A SYSTEM AND METHOD FOR FACILITATING THE DELIVERY OF SECURE HYPERLINKED CONTENT VIA MOBILE MESSAGING  
(51) Int. Cl.  
**H04L 9/00** ( 2006.01 )  
**H04L 9/12** ( 2006.01 )  
**H04L 9/30** ( 2006.01 )  
(31) 2017902935 (32) 26.07.17 (33) AU  
(45) 23.08.2018  
(72) Shiran, Sagit; Colby, Paul  
(74) Adams Pluck

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(71) MGW Engineering Pty Ltd  
(11) AU-A-2018101033  
(21) 2018101033 (22) 26.07.2018  
(54) Apparatus for supporting an explosive device  
(51) Int. Cl.  
**F42D 1/22** ( 2006.01 )  
**E21C 37/00** ( 2006.01 )  
**F16L 15/00** ( 2006.01 )  
**F16L 37/00** ( 2006.01 )  
**F42D 1/00** ( 2006.01 )  
**F42D 3/04** ( 2006.01 )  
(45) 23.08.2018  
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(72) REDFERN, Anthony  
(74) FB Rice Pty Ltd

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- (71) MiaSole Photovoltaic Technology Co., Ltd.  
 (11) AU-A-2018101004  
 (21) 2018101004 (22) 21.05.2018  
 (54) Solar cell component and solar panel  
 (51) Int. Cl.  
*H01L 31/04* ( 2014.01 )  
 (31) 201720562480.X (32) 19.05.17 (33) CN  
 (45) 23.08.2018  
 (72) Yang, Sheng; Sun, Shiyang; Zhang, Teyi; Liu, Honggang; Wen, Zhenxing  
 (74) Shelston IP Pty Ltd.
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- (71) Multigate Medical Products Pty Ltd  
 (11) AU-A-2018101023  
 (21) 2018101023 (22) 24.07.2018  
 (54) A Vessel Stand  
 (51) Int. Cl.  
*A61B 50/24* ( 2016.01 )  
*F16M 11/04* ( 2006.01 )  
*F16M 11/22* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Armstrong, Mark; McCarthy, Joshua  
 (74) Chrysiliou IP
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- (71) Nestlawn Pty Ltd  
 (11) AU-A-2018101029  
 (21) 2018101029 (22) 25.07.2018  
 (54) METHOD AND APPARATUS FOR MONITORING ELEVATION  
 (51) Int. Cl.  
*G01C 5/00* ( 2006.01 )  
*G01C 5/06* ( 2006.01 )  
*G01C 25/00* ( 2006.01 )  
*G01L 9/08* ( 2006.01 )  
*G01L 13/06* ( 2006.01 )  
*G01L 15/00* ( 2006.01 )  
*G01L 19/02* ( 2006.01 )  
*G01L 19/08* ( 2006.01 )  
*G01L 19/14* ( 2006.01 )  
*G01L 27/00* ( 2006.01 )  
 (45) 23.08.2018  
 (62) 2017305105  
 (72) Seymour, Christopher Antony  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Pearce, S.; Trapnell, I.; Trapnell, S.; Trapnell, F.  
 (11) AU-A-2018101024  
 (21) 2018101024 (22) 24.07.2018  
 (54) The Dignity Hygiene Bathing Costume  
 (51) Int. Cl.  
*A41D 7/00* ( 2006.01 )  
*A41D 13/12* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Pearce, Sally Lorraine  
 (74) Sally Lorraine Pearce
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- (71) Phelan, M.; Kapadia, B.; Caetano, V.  
 (11) AU-A-2018101027  
 (21) 2018101027 (22) 25.07.2018  
 (54) PadPay  
 (51) Int. Cl.  
*G06F 21/32* ( 2013.01 )
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- (45) 23.08.2018  
 (72) Phelan, Mitchell; Kapadia, Bhavesh; Caetano, Victoria  
 (74) Michelle Mitchell
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- (71) Pickford Resources Pty Limited  
 (11) AU-A-2018101032  
 (21) 2018101032 (22) 26.07.2018  
 (54) Phase contrast microscope test slide for airborne asbestos analysis  
 (51) Int. Cl.  
*G02B 21/14* ( 2006.01 )  
 (31) 2017902931 (32) 26.07.17 (33) AU  
 (45) 23.08.2018  
 (72) Pickford, Geoff  
 (74) IP SOLVED (ANZ) PTY. LTD.
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- Rifat, M. see Creative BuzzTech  
 (21) 2018100963
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- (71) Rongcheng Long River Motor Industry Co., Ltd.  
 (11) AU-A-2018101031  
 (21) 2018101031 (22) 26.07.2018  
 (54) A Tent Retracting and Extending Device for Tractive Recreational Vehicle and Recreational Vehicle Using the Same  
 (51) Int. Cl.  
*B60P 3/355* ( 2006.01 )  
 (31) 201721151508.7 (32) 10.09.17 (33) CN  
 (45) 23.08.2018  
 (72) WANG, Litao  
 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) SERPENT & DOVE - APPLIED MAGNETICS PTY. LIMITED  
 (11) AU-A-2018100937  
 (21) 2018100937 (22) 04.07.2018  
 (54) Improvements to wand type magnetic separators  
 (51) Int. Cl.  
*B03C 1/10* ( 2006.01 )  
*B03C 1/12* ( 2006.01 )  
*H01F 1/053* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Heard, Ian Godfrey  
 (74) SERPENT & DOVE - APPLIED MAGNETICS PTY. LIMITED
- 
- (71) Shanghai New Sun Electronic Co., Ltd  
 (11) AU-A-2018101003  
 (21) 2018101003 (22) 18.07.2018  
 (54) CHARGER  
 (51) Int. Cl.  
*H02J 7/04* ( 2006.01 )  
*H02J 7/00* ( 2006.01 )  
*H02J 7/36* ( 2006.01 )  
 (31) 201820862085.8 (32) 05.06.18 (33) CN  
 (45) 23.08.2018  
 (72) Chen, Weifeng  
 (74) Madderns Patent & Trade Mark Attorneys
- 
- (71) Sublime Flooring Group Pty Ltd  
 (11) AU-A-2018101039  
 (21) 2018101039 (22) 27.07.2018  
 (54) Floor Grip  
 (51) Int. Cl.  
*E04F 11/16* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Holzer, Cameron  
 (74) Sandercock & Cowie
- 
- (71) Sweatman, A.  
 (11) AU-A-2018100584  
 (21) 2018100584 (22) 14.05.2018  
 (54) Lift me UP, the mental health services App, underpinned in philosophy by the Litchfield Counselling Model, is designed to offer simple, practical advice to help support individuals and employees through their daily mental health challenges, and link users to available mental health professionals. Lift me UP will use sophisticated technology to: • assist in the patient assessment process • monitor & support daily routine • refer users to available mental health professionals • create a uniquely customised experience compared to anything on the market.  
 (51) Int. Cl.  
*G06Q 50/22* ( 2018.01 )  
 (45) 23.08.2018  
 (72) Sweatman, Alexander Geoffrey  
 (74) Alexander Geoffrey Sweatman
- 
- (71) The Trustee for WESTDEEN UNIT TRUST  
 (11) AU-A-2018101005  
 (21) 2018101005 (22) 19.07.2018  
 (54) Soil Sampling Device  
 (51) Int. Cl.  
*E21B 25/00* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Mincherton, Kevin; Lightfoot, Robert  
 (74) The Trustee for WESTDEEN UNIT TRUST
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- (71) Thyrd, S.G.  
 (11) AU-A-2018101030  
 (21) 2018101030 (22) 26.07.2018  
 (54) REAL ESTATE SIGNAGE SYSTEM  
 (51) Int. Cl.  
*G06Q 50/16* ( 2012.01 )  
*G06Q 30/02* ( 2012.01 )  
*G09F 15/00* ( 2006.01 )  
 (45) 23.08.2018  
 (72) Thyrd, Stuart Grahame  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
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- Trapnell, I. see Pearce, S.  
 (21) 2018101024
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- Trapnell, S. see Pearce, S.  
 (21) 2018101024
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 (21) 2018101024

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 (21) 2018101002

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(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED

(11) AU-A-2018101034

(21) 2018101034 (22) 27.07.2018

(54) Pocket hole jig

(51) Int. Cl.

**B23B 47/28** ( 2006.01 )

(31) 62/538,071 (32) 28.07.17 (33) US

(45) 23.08.2018

(72) THACKERY, Clinton C.

(74) Griffith Hack



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<b><u>B29C 65 /-</u></b>	<b><u>F42D 3 /-</u></b>	<b><u>G06Q 30 /-</u></b>	
2018101025	2018101033	2018101030	
<b><u>B41M 3 /-</u></b>	<b><u>G01C 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	
2018101019	2018100746	2018100584 2018101013 2018101016 2018101030	
<b><u>B42D 25 /-</u></b>	<b><u>G01C 15 /-</u></b>		
2018101019	2018100746		
<b><u>B60P 3 /-</u></b>	<b><u>G01C 25 /-</u></b>	<b><u>G06Q 99 /-</u></b>	
2018101031	2018101029	2018101000	
<b><u>B60P 7 /-</u></b>	<b><u>G01C 5 /-</u></b>	<b><u>G09F 15 /-</u></b>	
2018101040	2018101029	2018101030	
<b><u>B65B 61 /-</u></b>	<b><u>G01L 13 /-</u></b>	<b><u>G10D 7 /-</u></b>	
2018101017	2018101029	2018100975	
<b><u>E04B 2 /-</u></b>	<b><u>G01L 15 /-</u></b>	<b><u>G10D 9 /-</u></b>	
2018101002	2018101029	2018100975	
<b><u>E04C 2 /-</u></b>	<b><u>G01L 19 /-</u></b>	<b><u>H01F 1 /-</u></b>	
2018101002	2018101029	2018100937	

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

<p>(71) 3M Innovative Properties Company                      (11) AU-A-2017216887                      (21) 2017216887 (22) 20.01.2017                      (54) Rotatable valve spool for a manifold                      (51) Int. Cl.  <i>F16K 11/07</i> ( 2006.01 )  <i>F16K 3/24</i> ( 2006.01 )  <i>F16K 27/04</i> ( 2006.01 )                      (87) WO2017/139080                      (31) 62/293,845 (32) 11.02.16 (33) US                      (43) 17.08.2017                      (72) Marks, Nathan E.; Schmoll, Jeremy A.                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Abon Pharmaceuticals, LLC                      (11) AU-A-2016385362                      (21) 2016385362 (22) 24.10.2016                      (54) Long acting injectable formulations                      (51) Int. Cl.  <i>A61K 47/14</i> ( 2006.01 )  <i>A61K 9/08</i> ( 2006.01 )                      (87) WO2017/119936                      (31) 62/276,658 (32) 08.01.16 (33) US                      (43) 13.07.2017                      (72) Ahmed, Salah U.; Zu, Yanming; Lepree, Jason; Prajapti, Hetalben; Chowdhury, Tahseen A.                      (74) WRAYS PTY LTD</p>	<p>(43) 31.08.2017                      (72) Kao, James; Klinkman, Alex J.; Teresi, Joseph A.; Tse, Wilson; Otsuka, Mike; De Meulenaere, William                      (74) Griffith Hack</p>
<p>(71) 3M Innovative Properties Company                      (11) AU-A-2017216964                      (21) 2017216964 (22) 02.02.2017                      (54) Rotatable apparatus for mounting an article                      (51) Int. Cl.  <i>A47G 1/16</i> ( 2006.01 )                      (87) WO2017/139170                      (31) 62/292,385 (32) 08.02.16 (33) US                      (43) 17.08.2017                      (72) Gale, Brian D.                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ABT Holding Company; Katholieke Universiteit Leuven                      (11) AU-A-2016387339                      (21) 2016387339 (22) 12.02.2016                      (54) Stem cells for wound healing                      (51) Int. Cl.  <i>C12N 5/07</i> ( 2010.01 )                      (87) WO2017/127123                      (31) 62/281,334 (32) 21.01.16 (33) US                      (43) 27.07.2017                      (72) Luttun, Aernout; Deans, Robert J.                      (74) Peter Maxwell &amp; Associates</p>	<p>(71) Achhra, S.; Tsikine, S.; Paykis, S.; Visa International Service Association                      (11) AU-A-2016396133                      (21) 2016396133 (22) 08.03.2016                      (54) Point of sale device with additional service capabilities                      (51) Int. Cl.  <i>G06Q 20/04</i> ( 2012.01 )  <i>G06Q 20/20</i> ( 2012.01 )  <i>G06Q 20/40</i> ( 2012.01 )                      (87) WO2017/155518                      (43) 14.09.2017                      (72) Achhra, Santosh Lachhman; Tsikine, Stanislav; Paykis, Sergey                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) 4 Ken Pty Ltd                      (11) AU-A-2017208718                      (21) 2017208718 (22) 20.01.2017                      (54) Hoarding assembly                      (51) Int. Cl.  <i>E04G 1/34</i> ( 2006.01 )  <i>E04G 21/32</i> ( 2006.01 )                      (87) WO2017/124153                      (31) 2016900196 (32) 22.01.16 (33) AU                      (43) 27.07.2017                      (72) Cox, Kenneth Alan                      (74) Shelston IP Pty Ltd.</p>	<p>(71) Acceleron Pharma Inc.                      (11) AU-A-2017222526                      (21) 2017222526 (22) 22.02.2017                      (54) ActRII antagonists for use in increasing immune activity                      (51) Int. Cl.  <i>C07K 16/46</i> ( 2006.01 )  <i>A61K 38/02</i> ( 2006.01 )  <i>A61K 39/395</i> ( 2006.01 )  <i>A61P 35/00</i> ( 2006.01 )  <i>A61P 37/00</i> ( 2006.01 )  <i>C07K 2/00</i> ( 2006.01 )  <i>C07K 16/18</i> ( 2006.01 )  <i>C07K 19/00</i> ( 2006.01 )                      (87) WO2017/147182                      (31) 62/298,366 (32) 22.02.16 (33) US                      (43) 31.08.2017                      (72) Kumar, Ravindra; Alimzhanov, Marat; Pearsall, Robert Scott                      (74) Shelston IP Pty Ltd.</p>	<p>(71) Achieve Pharma UK Limited                      (11) AU-A-2017215300                      (21) 2017215300 (22) 06.02.2017                      (54) Succinate salt of cytosine and use thereof                      (51) Int. Cl.  <i>A61K 31/439</i> ( 2006.01 )  <i>A61P 25/34</i> ( 2006.01 )                      (87) WO2017/134468                      (31) 1602145.3 (32) 05.02.16 (33) GB                      (43) 10.08.2017                      (72) Clarke, Anthony; Stewart, Richard Alistair; Willis, Andrew Gareth                      (74) Ahearn Fox</p>
<p>(71) Abbott Medical Optics Inc.                      (11) AU-A-2017217513                      (21) 2017217513 (22) 08.02.2017                      (54) Tip detection apparatus and method for medical device                      (51) Int. Cl.  <i>A61M 1/00</i> ( 2006.01 )  <i>A61B 17/00</i> ( 2006.01 )  <i>A61B 90/00</i> ( 2016.01 )  <i>A61F 9/007</i> ( 2006.01 )  <i>A61M 3/02</i> ( 2006.01 )                      (87) WO2017/139371                      (31) 62/293,283 (32) 09.02.16 (33) US                      (43) 17.08.2017                      (72) Hickey, Lauren; Lynn, Kyle E.; Steenstra Toussaint, Johan W.; Lee, Frederick C.; Staggs, James W.                      (74) Spruson &amp; Ferguson</p>	<p>(71) ACCO Brands Corporation                      (11) AU-A-2017223387                      (21) 2017223387 (22) 21.02.2017                      (54) Security apparatus for portable electronic device                      (51) Int. Cl.  <i>E05B 73/00</i> ( 2006.01 )  <i>E05B 67/08</i> ( 2006.01 )                      (87) WO2017/147065                      (31) 62/299,848 (32) 25.02.16 (33) US</p>	<p>(71) ACO Severin Ahlmann GmbH &amp; Co Kommanditgesellschaft                      (11) AU-A-2017222212                      (21) 2017222212 (22) 22.02.2017                      (54) Device for guiding liquid and production method                      (51) Int. Cl.  <i>F16L 9/14</i> ( 2006.01 )  <i>C04B 41/63</i> ( 2006.01 )                      (87) WO2017/144511                      (31) 10 2016 103 278.6 (32) 24.02.16 (33) DE                      (43) 31.08.2017                      (72) Volkmann, Karsten; Mieke, Jan                      (74) Fraser Old &amp; Sohn</p>
<p>(71) ACO Severin Ahlmann GmbH &amp; Co Kommanditgesellschaft                      (11) AU-A-2017224356                      (21) 2017224356 (22) 22.02.2017                      (54) Gutter                      (51) Int. Cl.  <i>E03F 3/04</i> ( 2006.01 )</p>		

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 (31) 10 2016 103 274.3 (32) 24.02.16 (33) DE  
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(71) ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft  
 (11) AU-A-2017224438  
 (21) 2017224438 (22) 22.02.2017  
 (54) Connection device between a gutter and gully  
 (51) Int. Cl.  
 E03F 3/04 ( 2006.01 )  
 E03F 5/04 ( 2006.01 )  
 (87) WO2017/144542  
 (31) 10 2016 103 279.4 (32) 24.02.16 (33) DE  
 (43) 31.08.2017  
 (72) Jesse-Windelband, Bengt; Meier, Stephan; Müller, Michael; Sieber, Michael  
 (74) Fraser Old & Sohn

(71) ALS Therapy Development Institute  
 (11) AU-A-2017218129  
 (21) 2017218129 (22) 13.02.2017  
 (54) Measurement of ALS progression based on kinetic data  
 (51) Int. Cl.  
 A61B 5/11 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
 A61B 5/053 ( 2006.01 )  
 A61B 5/103 ( 2006.01 )  
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 (31) 62/294,633 (32) 12.02.16 (33) US  
 (43) 17.08.2017  
 (72) Gill, Alan; Perrin, Steven; Al-Nakhala, Bashar  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2017204937  
 (21) 2017204937 (22) 02.01.2017  
 (54) Skin-augmenting surgical sutures  
 (51) Int. Cl.  
 A61L 17/00 ( 2006.01 )  
 A61B 17/00 ( 2006.01 )  
 (87) WO2017/118972  
 (31) 243461 (32) 05.01.16 (33) IL  
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 (72) Amir, Avraham  
 (74) PIPERS

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 (11) AU-A-2017218679  
 (21) 2017218679 (22) 09.02.2017  
 (54) Progressive power intraocular lens, and methods of use and manufacture  
 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 (87) WO2017/137839  
 (31) 62/293,258 (32) 09.02.16 (33) US

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 (74) Spruson & Ferguson

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 (11) AU-A-2017218680  
 (21) 2017218680 (22) 09.02.2017  
 (54) Progressive power intraocular lens, and methods of use and manufacture  
 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 (87) WO2017/137840  
 (31) 62/293,258 (32) 09.02.16 (33) US  
 (43) 17.08.2017  
 (72) Canovas Vidal, Carmen; Alarcon Heredia, Aixa; Piers, Patricia Ann; Weeber, Hendrik A.  
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 (11) AU-A-2017218681  
 (21) 2017218681 (22) 09.02.2017  
 (54) Progressive power intraocular lens, and methods of use and manufacture  
 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 G02C 7/04 ( 2006.01 )  
 (87) WO2017/137841  
 (31) 62/293,258 (32) 09.02.16 (33) US  
 (43) 17.08.2017  
 (72) Canovas Vidal, Carmen; Alarcon Heredia, Aixa; Piers, Patricia Ann; Weeber, Hendrik A.  
 (74) Spruson & Ferguson

(71) Anderson, M.; Frantz Design Incorporated  
 (11) AU-A-2017213805  
 (21) 2017213805 (22) 02.02.2017  
 (54) System and method for treating sleep apnea while straightening teeth  
 (51) Int. Cl.  
 A61F 5/56 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
 A61C 19/06 ( 2006.01 )  
 (87) WO2017/136530  
 (31) 62/292,249 (32) 06.02.16 (33) US  
 15/417,792 27.01.17 US  
 (43) 10.08.2017  
 (72) Anderson, Margaret M.; Frantz, Donald; Frantz, Joseph  
 (74) Watermark Intellectual Property Pty Ltd

(71) Animas Corporation  
 (11) AU-A-2017216336  
 (21) 2017216336 (22) 20.01.2017  
 (54) Visualization and analysis tool for a drug delivery system  
 (51) Int. Cl.  
 A61M 31/00 ( 2006.01 )  
 A61M 5/172 ( 2006.01 )  
 G06F 19/00 ( 2006.01 )  
 (87) WO2017/136155  
 (31) 62/291,792 (32) 05.02.16 (33) US

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 (51) Int. Cl.  
 C07K 7/08 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 (87) WO2017/149473  
 (31) 1603582.6 (32) 01.03.16 (33) GB  
 (43) 08.09.2017  
 (72) Sellii, Mehmet; Wraith, David  
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2017241549  
 (21) 2017241549 (22) 27.03.2017  
 (54) Input device with force sensor  
 (51) Int. Cl.  
 G06F 3/041 ( 2006.01 )  
 G06K 9/00 ( 2006.01 )  
 H03K 17/975 ( 2006.01 )  
 G06F 21/32 ( 2013.01 )  
 (87) WO2017/172623  
 (31) 15/087,306 (32) 31.03.16 (33) US  
 (43) 05.10.2017  
 (72) Kim, Sora; Grunthaler, Martin P.; Jin, Rui; Wittenberg, Michael B.; McCord, Michael K.; Larsson, Henric; Gozzini, Giovanni; Browning, Lucy; Myers, Scott A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aqdot Limited  
 (11) AU-A-2017220048  
 (21) 2017220048 (22) 15.02.2017  
 (54) Cucurbituril compositions and their use  
 (51) Int. Cl.  
 A61L 9/014 ( 2006.01 )  
 (87) WO2017/141029  
 (31) 1602665.0 (32) 15.02.16 (33) GB  
 1621959.4 22.12.16 GB  
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 (72) Coulston, Roger; Tanner, Alexander; Martinez-Santiago, Jose  
 (74) FB Rice Pty Ltd

(71) Arable Labs, Inc.  
 (11) AU-A-2017231744  
 (21) 2017231744 (22) 08.03.2017  
 (54) Disdrometer having acoustic transducer and methods thereof  
 (51) Int. Cl.  
 G01W 1/14 ( 2006.01 )  
 B60W 40/06 ( 2006.01 )  
 E05F 15/71 ( 2015.01 )  
 E05F 15/79 ( 2015.01 )  
 G01C 21/32 ( 2006.01 )  
 G01C 21/34 ( 2006.01 )  
 (87) WO2017/156187  
 (31) 15/452,457 (32) 07.03.17 (33) US  
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 (74) James & Wells Intellectual Property

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(11) AU-A-2017207746  
 (21) 2017207746 (22) 11.01.2017

(54) Ereptospiration device for medicinal waxes, solids, biopolymers, or highly viscous oils, and cannabinoids

(51) Int. Cl.

**A24F 13/00** ( 2006.01 )

**A24F 15/00** ( 2006.01 )

**A24F 15/12** ( 2006.01 )

**A24F 47/00** ( 2006.01 )

**H05B 1/02** ( 2006.01 )

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(72) Garcia, Antonio; Woolley, Christine; Santello, Marco

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Aromyx Corporation

(11) AU-A-2017222572

(21) 2017222572 (22) 23.02.2017

(54) Biosensor detecting smell, scent and taste

(51) Int. Cl.

**C07K 14/705** ( 2006.01 )

**C12N 15/09** ( 2006.01 )

**C12Q 1/66** ( 2006.01 )

**G01N 21/64** ( 2006.01 )

**G01N 21/76** ( 2006.01 )

**G01N 33/53** ( 2006.01 )

(87) WO2017/147323

(31) 62/299,005 (32) 24.02.16 (33) US

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(71) Arthrex, Inc.

(11) AU-A-2017230806

(21) 2017230806 (22) 10.03.2017

(54) Systems and methods for preparing a thrombin serum

(51) Int. Cl.

**B01L 3/00** ( 2006.01 )

**A61K 35/12** ( 2006.01 )

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(31) 62/306,304 (32) 10.03.16 (33) US

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(72) Bare, Christopher; Nabors, Abigail; Tucker, Melissa; Harrison, Robert

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(71) Asahi Kasei Kabushiki Kaisha

(11) AU-A-2017215884

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(54) Cylindrical molded article, barrier plug, and container with barrier plug

(51) Int. Cl.

**B65D 65/02** ( 2006.01 )

**B32B 1/02** ( 2006.01 )

**B32B 7/02** ( 2006.01 )

**B32B 27/30** ( 2006.01 )

**B32B 27/32** ( 2006.01 )

**B65D 65/40** ( 2006.01 )

**B65D 81/24** ( 2006.01 )

**B65D 75/58** ( 2006.01 )

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(72) Takagi, Naoki; Takasu, Kaoru

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(71) Asahi Kasei Kabushiki Kaisha

(11) AU-A-2017218300

(21) 2017218300 (22) 10.02.2017

(54) Sheet for covering wound

(51) Int. Cl.

**A61L 15/28** ( 2006.01 )

**A61F 13/00** ( 2006.01 )

**C08B 11/12** ( 2006.01 )

(87) WO2017/138653

(31) 2016-023491 (32) 10.02.16 (33) JP

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(72) Hara, Yuichi

(74) Watermark Intellectual Property Pty Ltd

(71) Asceneuron S. A.

(11) AU-A-2017222962

(21) 2017222962 (22) 24.02.2017

(54) Acid addition salts of piperazine derivatives

(51) Int. Cl.

**C07D 417/12** ( 2006.01 )

**A61K 31/497** ( 2006.01 )

**A61K 31/506** ( 2006.01 )

**A61K 31/5377** ( 2006.01 )

**A61P 25/00** ( 2006.01 )

**C07D 405/12** ( 2006.01 )

**C07D 405/14** ( 2006.01 )

**C07D 417/14** ( 2006.01 )

**C07D 513/04** ( 2006.01 )

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(72) Quattropiani, Anna; Kulkarni, Santosh S.; Giri, Awadut Gajendra; Toronto, Dawn V.; Crowe, David Malcolm

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(71) Aspinall, S.K.

(11) AU-A-2017214269

(21) 2017214269 (22) 02.02.2017

(54) Orthopaedic apparatus for treatment of arthrofibrosis

(51) Int. Cl.

**A61H 1/02** ( 2006.01 )

(87) WO2017/134169

(31) 1600742.9 (32) 03.02.16 (33) GB

(43) 10.08.2017

(72) Aspinall, Sara Kate; Cartmell, Gerald

(74) PIPERS

(71) Association Institut de Myologie

(11) AU-A-2017220621

(21) 2017220621 (22) 15.02.2017

(54) Device for measuring a force

(51) Int. Cl.

**G01L 5/00** ( 2006.01 )

**A61B 5/22** ( 2006.01 )

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(31) 1651395 (32) 19.02.16 (33) FR

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(72) Hogrel, Jean-Yves

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(71) Atlas Copco Airpower, Naamloze Venootschap

(11) AU-A-2017224783

(21) 2017224783 (22) 13.02.2017

(54) Gas expansion device and method for expanding gas

(51) Int. Cl.

**F01C 1/00** ( 2006.01 )

**F01K 27/00** ( 2006.01 )

**F04F 13/00** ( 2009.01 )

(87) WO2017/143408

(31) 2017/5006 (32) 09.01.17 (33) BE

62/298,682 23.02.16 US

(43) 31.08.2017

(72) Öhman Henrik

(74) Davies Collison Cave Pty Ltd

(71) Atlas Copco Airpower, Naamloze Venootschap

(11) AU-A-2017224784

(21) 2017224784 (22) 13.02.2017

(54) Method for regulating the regeneration time of an adsorption dryer and adsorption dryer implementing such a method

(51) Int. Cl.

**B01D 53/04** ( 2006.01 )

**B01D 53/26** ( 2006.01 )

(87) WO2017/143409

(31) 62/299,068 (32) 24.02.16 (33) US

BE2016/5303 29.04.16 BE

(43) 31.08.2017

(72) Hermans, Hans Maria Karel

(74) Davies Collison Cave Pty Ltd

(71) Auckland UniServices Limited

(11) AU-A-2017223267

(21) 2017223267 (22) 24.02.2017

(54) Amino acid and peptide conjugates and conjugation process

(51) Int. Cl.

**C07C 229/02** ( 2006.01 )

**C07C 227/16** ( 2006.01 )

**C07C 321/12** ( 2006.01 )

**C07K 1/02** ( 2006.01 )

**C07K 14/00** ( 2006.01 )

**C07K 14/435** ( 2006.01 )

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(31) 2016900701 (32) 26.02.16 (33) AU

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(71) Auro Technologies NV

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(54) A signal encoder, decoder and methods using predictor models  
 (51) Int. Cl.  
*G10L 19/04* ( 2006.01 )  
*G10L 19/00* ( 2006.01 )  
*H03M 7/30* ( 2006.01 )  
 (87) WO2017/118495  
 (31) 15003698.6 (32) 03.01.16 (33) EP  
 (43) 13.07.2017  
 (72) Fannes, Geert; Van Daele, Bert  
 (74) Watermark Intellectual Property Pty Ltd

(71) Avery Dennison Corporation  
 (11) AU-A-2017221491  
 (21) 2017221491 (22) 20.02.2017  
 (54) Two stage methods for processing adhesives and related compositions  
 (51) Int. Cl.  
*C09J 4/06* ( 2006.01 )  
*B01J 8/00* ( 2006.01 )  
*B01J 19/00* ( 2006.01 )  
*B29C 35/08* ( 2006.01 )  
*C08F 2/00* ( 2006.01 )  
*C08F 6/00* ( 2006.01 )  
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 (31) 62/297,170 (32) 19.02.16 (33) US  
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 (72) Bartholomew, Eric L.; Bottorf, William L.; Heimbach, Kyle R.; Miller, Brandon S.; Waterman, Michael T.; Zajaczkowski, Michael; Luo, Qiang; Full, Andrew P.; Kohler, Christopher E.  
 (74) Griffith Hack

(71) Axonics Modulation Technologies, Inc.  
 (11) AU-A-2017218157  
 (21) 2017218157 (22) 13.02.2017  
 (54) External pulse generator device and associated methods for trial nerve stimulation  
 (51) Int. Cl.  
*A61N 1/375* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
*A61N 1/372* ( 2006.01 )  
 (87) WO2017/139784  
 (31) 62/294,639 (32) 12.02.16 (33) US  
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*C08J 3/02* ( 2006.01 )  
*C09K 8/42* ( 2006.01 )  
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*A01N 37/46* ( 2006.01 )  
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*A01P 3/00* ( 2006.01 )  
*A01P 7/00* ( 2006.01 )  
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*B29C 67/00* ( 2006.01 )  
*C08L 77/02* ( 2006.01 )  
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 (54) Use of active substances for controlling virus infection in plants  
 (51) Int. Cl.  
*A01N 43/08* ( 2006.01 )  
*A01N 43/36* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
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*A01P 15/00* ( 2006.01 )  
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 (54) Use of active substances for controlling virus infection in plants  
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*A01P 15/00* ( 2006.01 )  
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 (51) Int. Cl.  
*C07D 403/12* ( 2006.01 )  
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*C07D 403/14* ( 2006.01 )  
*C07D 407/14* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )  
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*C07J 31/00* ( 2006.01 )  
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*A61P 5/36* ( 2006.01 )  
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 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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 (51) Int. Cl.  
*C07C 243/38* ( 2006.01 )  
*C07C 317/18* ( 2006.01 )  
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*C07K 1/00* ( 2006.01 )  
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*A01N 1/00* ( 2006.01 )  
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*A61L 27/36* ( 2006.01 )  
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*C12M 1/04* ( 2006.01 )  
*C12M 3/06* ( 2006.01 )  
*C12N 5/00* ( 2006.01 )  
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*G06Q 30/08* ( 2012.01 )  
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*A61K 31/277* ( 2006.01 )  
*A61K 31/192* ( 2006.01 )  
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*A61K 31/216* ( 2006.01 )  
*A61K 31/235* ( 2006.01 )  
*A61K 31/24* ( 2006.01 )  
*A61K 31/41* ( 2006.01 )  
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*A61M 25/01* ( 2006.01 )  
*A61L 29/14* ( 2006.01 )  
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 (51) Int. Cl.  
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*A61B 34/37* ( 2016.01 )  
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 (51) Int. Cl.  
*C08L 23/08* ( 2006.01 )  
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*F16B 2/00* ( 2006.01 )  
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(54) Device comprising a feed roll and a self-adhesive fastener, and associated method and machine  
(51) Int. Cl.  
B31F 1/30 (2006.01)  
F16G 3/16 (2006.01)  
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(54) Rubber composition, laminate, and conveyor belt  
(51) Int. Cl.  
C08L 9/00 (2006.01)  
B32B 25/16 (2006.01)  
B32B 27/00 (2006.01)  
B65G 15/34 (2006.01)  
C08K 3/04 (2006.01)  
C08K 3/26 (2006.01)  
C08K 3/36 (2006.01)  
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(54) Rubber composition, laminate body, and conveyer belt  
(51) Int. Cl.  
C08L 9/00 (2006.01)  
B32B 7/12 (2006.01)  
B32B 25/04 (2006.01)  
B65G 15/32 (2006.01)  
C08K 3/04 (2006.01)  
C08K 3/26 (2006.01)  
C08K 3/36 (2006.01)  
C08L 7/00 (2006.01)  
C08L 9/06 (2006.01)  
F16G 1/08 (2006.01)  
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- (71) Briggs & Stratton Corporation  
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(54) Inverter generator  
(51) Int. Cl.  
F04B 17/05 (2006.01)  
A01D 34/412 (2006.01)  
A01D 34/81 (2006.01)  
F02F 7/00 (2006.01)  
F04B 39/06 (2006.01)  
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G05B 11/01 (2006.01)  
G05B 15/02 (2006.01)  
G06F 3/041 (2006.01)  
H04L 12/28 (2006.01)  
H05B 37/02 (2006.01)  
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(54) Thermophotovoltaic electrical power generator  
(51) Int. Cl.  
G21B 1/00 (2006.01)  
G21B 3/00 (2006.01)  
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(51) Int. Cl.  
C07D 401/14 (2006.01)  
A61K 31/437 (2006.01)  
A61K 31/4427 (2006.01)  
C07D 213/64 (2006.01)  
C07D 231/12 (2006.01)  
C07D 231/18 (2006.01)  
C07D 231/54 (2006.01)  
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(51) Int. Cl.  
C07F 5/02 (2006.01)  
A61K 51/04 (2006.01)  
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(51) Int. Cl.



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**E04D 11/00** ( 2006.01 )  
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**(31)** 10.2016.103.065.1 **(32)** 22.02.16 **(33)** DE  
**(43)** 31.08.2017  
**(72)** Browa, Mario  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bticino SpA  
**(11)** AU-A-2016392768  
**(21)** 2016392768 **(22)** 21.12.2016  
**(54)** A push button operated switch with anti-jamming guiding system  
**(51)** Int. Cl.  
**H01H 13/06** ( 2006.01 )  
**H01H 3/12** ( 2006.01 )  
**H01H 13/10** ( 2006.01 )  
**H01H 13/14** ( 2006.01 )  
**H01H 13/60** ( 2006.01 )  
**H01H 13/52** ( 2006.01 )  
**(87)** WO2017/141089  
**(31)** 102016000014964 **(32)** 15.02.16 **(33)** IT  
**(43)** 24.08.2017  
**(72)** Rocereto, Pietro; Aletti, Tiziano; Longhi, Giorgio  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Bticino SpA  
**(11)** AU-A-2016392770  
**(21)** 2016392770 **(22)** 21.12.2016  
**(54)** A button operated circuit breaker with rocking control member  
**(51)** Int. Cl.  
**H01H 1/58** ( 2006.01 )  
**H01H 13/60** ( 2006.01 )  
**(87)** WO2017/141091  
**(31)** 102016000015028 **(32)** 15.02.16 **(33)** IT  
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**(72)** Rocereto, Pietro; Aletti, Tiziano; Longhi, Giorgio  
**(74)** Phillips Ormonde Fitzpatrick

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**(11)** AU-A-2016392771  
**(21)** 2016392771 **(22)** 21.12.2016  
**(54)** Push button operated switch with button alignment system  
**(51)** Int. Cl.  
**H01H 3/12** ( 2006.01 )  
**H01H 13/06** ( 2006.01 )  
**H01H 13/10** ( 2006.01 )  
**H01H 13/14** ( 2006.01 )  
**H01H 13/60** ( 2006.01 )  
**(87)** WO2017/141092  
**(31)** 102016000015004 **(32)** 15.02.16 **(33)** IT  
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**(72)** Rocereto, Pietro; Aletti, Tiziano; Longhi, Giorgio  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Buckman Laboratories International, Inc.  
**(11)** AU-A-2017223287  
**(21)** 2017223287 **(22)** 16.02.2017  
**(54)** Glyoxalated polyacrylamide terpolymer, base copolymer thereof, compositions

containing same, uses in papermaking and products thereof  
**(51)** Int. Cl.  
**C08F 220/34** ( 2006.01 )  
**C08F 8/28** ( 2006.01 )  
**D21H 17/37** ( 2006.01 )  
**(87)** WO2017/146965  
**(31)** 62/300,144 **(32)** 26.02.16 **(33)** US  
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**(72)** Tekobo, Samuel; Caster, John  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Burcon Nutrascience (MB) Corp.  
**(11)** AU-A-2017210771  
**(21)** 2017210771 **(22)** 27.01.2017  
**(54)** Preparation of non-soy oilseed protein products ("\*810")  
**(51)** Int. Cl.  
**A23J 1/14** ( 2006.01 )  
**A23J 3/14** ( 2006.01 )  
**A23L 2/66** ( 2006.01 )  
**A23L 33/17** ( 2016.01 )  
**(87)** WO2017/127934  
**(31)** 62/287,532 **(32)** 27.01.16 **(33)** US  
**(43)** 03.08.2017  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Caterpillar Inc.  
**(11)** AU-A-2017209014  
**(21)** 2017209014 **(22)** 18.01.2017  
**(54)** Seal system for dry lube pin joints  
**(51)** Int. Cl.  
**F16C 33/74** ( 2006.01 )  
**E02F 9/00** ( 2006.01 )  
**F16C 11/04** ( 2006.01 )  
**F16J 15/16** ( 2006.01 )  
**(87)** WO2017/127391  
**(31)** 15/001,350 **(32)** 20.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Yanska, David J.; Amstutz, Aaron Kenneth; Mathew, Sunil I.; Antoine, Darren B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2017209024  
**(21)** 2017209024 **(22)** 18.01.2017  
**(54)** Self-lubricating oscillating pin joint  
**(51)** Int. Cl.  
**F16C 11/02** ( 2006.01 )  
**E02F 9/00** ( 2006.01 )  
**F16C 11/04** ( 2006.01 )  
**F16C 33/10** ( 2006.01 )  
**F16C 33/12** ( 2006.01 )  
**(87)** WO2017/127410  
**(31)** 15/004,473 **(32)** 22.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Ginn, Ronald Mark; Arnold, Chad M.  
**(74)** Patent Attorney Services

**(71)** Caterpillar Inc.  
**(11)** AU-A-2017210146  
**(21)** 2017210146 **(22)** 18.01.2017  
**(54)** Filter element and filter system  
**(51)** Int. Cl.

**B01D 35/147** ( 2006.01 )  
**B01D 29/15** ( 2006.01 )  
**B01D 36/00** ( 2006.01 )  
**(87)** WO2017/127407  
**(31)** 62/281,943 **(32)** 22.01.16 **(33)** US  
 15/345,593 08.11.16 US  
**(43)** 27.07.2017  
**(72)** Allott, Mark T.; Morris, Bryant A.; McElroy, Mark A.  
**(74)** Patent Attorney Services

**(71)** Cayman Chemical Company Incorporated  
**(11)** AU-A-2017217814  
**(21)** 2017217814 **(22)** 10.02.2017  
**(54)** Anti-citrullinated HLA polypeptide antibodies and uses thereof  
**(51)** Int. Cl.  
**A61K 38/08** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**(87)** WO2017/139577  
**(31)** 62/293,621 **(32)** 10.02.16 **(33)** US  
**(43)** 17.08.2017  
**(72)** Mobley, James Leslie  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Cell Medica Switzerland AG; The University of North Carolina at Chapel Hill  
**(11)** AU-A-2017223846  
**(21)** 2017223846 **(22)** 24.02.2017  
**(54)** Modified cells for immunotherapy  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**C12N 5/10** ( 2006.01 )  
**(87)** WO2017/147383  
**(31)** 16020057.2 **(32)** 25.02.16 **(33)** EP  
**(43)** 31.08.2017  
**(72)** Dotti, Gianpietro; Landoni, Elisa; Shamshiev, Abdijapar; Kretzschmar, Titus; Droste, Miriam; Philips, Douglas  
**(74)** Baldwins Intellectual Property

**(71)** Cell Medica Switzerland AG  
**(11)** AU-A-2017224843  
**(21)** 2017224843 **(22)** 24.02.2017  
**(54)** Binding members to PD-L1  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/395** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(87)** WO2017/144681  
**(31)** 16020057.2 **(32)** 25.02.16 **(33)** EP  
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**(72)** Shamshiev, Abdijapar; Kretzschmar, Titus; Droste, Miriam; Phillips, Douglas  
**(74)** Baldwins Intellectual Property

**(71)** Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
**(11)** AU-A-2017214134  
**(21)** 2017214134 **(22)** 04.02.2017  
**(54)** Method for preparing pyrrolo[3,2-d]pyrimidine compound, and intermediates thereof  
**(51)** Int. Cl.

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**(87)** WO2017/133686  
**(31)** 201610082028.3 **(32)** 05.02.16 **(33)** CN  
**(43)** 10.08.2017  
**(72)** Ding, Zhaozhong; Sun, Fei; Hu, Yinghu;  
 Zhou, Yilong; Zhao, Rui; Yang, Ling  
**(74)** Allens Patent & Trade Mark Attorneys

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**(71)** Chia Tai Tianqing Pharmaceutical  
 Group Co., Ltd.  
**(11)** AU-A-2017214135  
**(21)** 2017214135 **(22)** 04.02.2017  
**(54)** TLR7 agonist trifluoroacetate salt and  
 crystalline form B thereof, preparation  
 methods and uses  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**(87)** WO2017/133687  
**(31)** 201610081899.3 **(32)** 05.02.16 **(33)** CN  
**(43)** 10.08.2017  
**(72)** Ding, Zhaozhong; Sun, Fei; Hu, Yinghu;  
 Zhou, Yilong; Wang, Zheng; Zhao, Rui;  
 Yang, Ling  
**(74)** Allens Patent & Trade Mark Attorneys

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 Group Co., Ltd.  
**(11)** AU-A-2017215801  
**(21)** 2017215801 **(22)** 04.02.2017  
**(54)** TLR7 agonist crystalline form a, prepar-  
 ation method and use thereof  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**(87)** WO2017/133684  
**(31)** 201610082029.8 **(32)** 05.02.16 **(33)** CN  
**(43)** 10.08.2017  
**(72)** Ding, Zhaozhong; Sun, Fei; Hu, Yinghu;  
 Zhou, Yilong; Wang, Zheng; Zhao, Rui;  
 Yang, Ling  
**(74)** Allens Patent & Trade Mark Attorneys

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**(71)** China University of Mining and Techno-  
 logy; Xuzhou Zhirun Mining Equipment  
 Science and Technology Co., Ltd.  
**(11)** AU-A-2017359769  
**(21)** 2017359769 **(22)** 08.11.2017  
**(54)** System and method, based on machine  
 vision and multi-sensor fusion, for auto-  
 matic operation of coal mining machine  
**(51)** Int. Cl.  
**E21C 35/24** ( 2006.01 )  
**E21B 19/18** ( 2006.01 )  
**E21C 27/22** ( 2006.01 )  
**(87)** WO2018/090859  
**(31)** 201611020422.0 **(32)** 18.11.16 **(33)** CN  
**(43)** 24.05.2018  
**(72)** Liu, Songyong; Ji, Huifu; Jiang, Hongxi-  
 ang; Zhou, Gongbo; Shen, Gang;  
 Wang, Shuilin; Li, Wei; Tang, Wei  
**(74)** Madderns Patent & Trade Mark Attor-  
 neys

**(71)** China University of Mining and Tech-  
 nology; Xuzhou Coal Mine Safety  
 Equipment Manufacture Co., Ltd.  
**(11)** AU-A-2017375856  
**(21)** 2017375856 **(22)** 13.11.2017  
**(54)** Device and method for measuring rota-  
 tion angles of hanging scaffold  
**(51)** Int. Cl.  
**B66C 13/16** ( 2006.01 )  
**(87)** WO2018/107933  
**(31)** 201611162137.2 **(32)** 15.12.16 **(33)** CN  
**(43)** 21.06.2018  
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 Liu, Shanzeng; Hua, Chunli; Jiang,  
 Zhenhua; Dong, Xuan  
**(74)** Madderns Patent & Trade Mark Attor-  
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**(71)** Circuit Therapeutics, Inc.  
**(11)** AU-A-2017217674  
**(21)** 2017217674 **(22)** 08.02.2017  
**(54)** System and method to modulate pain  
 and itch through cutaneous transfer of  
 genetic information  
**(51)** Int. Cl.  
**A61N 5/06** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61N 5/067** ( 2006.01 )  
**(87)** WO2017/139413  
**(31)** 62/418,758 **(32)** 07.11.16 **(33)** US  
 62/320,422 08.04.16 US  
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**(43)** 17.08.2017  
**(72)** Towne, Christopher L.; Andersen, Dan  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Cocoon Biotech Inc.  
**(11)** AU-A-2017218437  
**(21)** 2017218437 **(22)** 10.02.2017  
**(54)** Compositions including benzenesulfon-  
 amide-containing non-steroidal anti-in-  
 flammatory drugs silk fibroin and a gel-  
 ling agent and uses thereof  
**(51)** Int. Cl.  
**A61K 31/415** ( 2006.01 )  
**A61K 47/10** ( 2006.01 )  
**A61K 47/42** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/02** ( 2006.01 )  
**(87)** WO2017/139684  
**(31)** 62/293,719 **(32)** 10.02.16 **(33)** US  
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**(43)** 17.08.2017  
**(72)** Tweed-Kent, Ailis; Santos, Michael;  
 Bellinger, Andrew  
**(74)** Griffith Hack

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**(71)** Commonwealth Scientific and Industrial  
 Research Organisation  
**(11)** AU-A-2017239039  
**(21)** 2017239039 **(22)** 21.03.2017  
**(54)** Hydrophobic-hydrophilic switchable  
 polymers for use in agriculture  
**(51)** Int. Cl.  
**C08G 18/66** ( 2006.01 )  
**A01G 13/02** ( 2006.01 )  
**C08G 18/08** ( 2006.01 )

**C08G 18/10** ( 2006.01 )  
**C08G 18/48** ( 2006.01 )  
**C08G 18/61** ( 2006.01 )  
**C09K 17/52** ( 2006.01 )  
**(87)** WO2017/161418  
**(31)** 2016901048 **(32)** 21.03.16 **(33)** AU  
**(43)** 28.09.2017  
**(72)** Johnston, Priscilla; Adhikari, Raju; Bris-  
 trow, Keith L.  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Conventus Orthopaedics, Inc.  
**(11)** AU-A-20172205446  
**(21)** 20172205446 **(22)** 05.01.2017  
**(54)** Bone fracture repair apparatus and  
 methods  
**(51)** Int. Cl.  
**A61B 17/86** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
**A61B 17/80** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
**(87)** WO2017/120327  
**(31)** 62/302,153 **(32)** 01.03.16 **(33)** US  
 62/274,889 05.01.16 US  
**(43)** 13.07.2017  
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 Hindrichs, Paul; Siemers, Troy Michael;  
 Berndt, Jonathan; Costello, David  
**(74)** Spruson & Ferguson

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**(71)** Cook Medical Technologies LLC  
**(11)** AU-A-2017227539  
**(21)** 2017227539 **(22)** 28.02.2017  
**(54)** Deflecting endoscope accessory chan-  
 nels  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/012** ( 2006.01 )  
**(87)** WO2017/151559  
**(31)** 62/382,552 **(32)** 01.09.16 **(33)** US  
 62/301,705 01.03.16 US  
**(43)** 08.09.2017  
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 Gibbons, William S.; Smith, Smitha;  
 Johnson, Laura; Mydosh, Andrea C.;  
 McLawhorn, Tyler E.; Brecht, Michael  
 J.; Hardy, Gregory; Gittard, Shaun D.  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Cook Medical Technologies LLC  
**(11)** AU-A-2017227540  
**(21)** 2017227540 **(22)** 28.02.2017  
**(54)** Flexible endoscopic support system  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**(87)** WO2017/151560  
**(31)** 62/301,705 **(32)** 01.03.16 **(33)** US  
**(43)** 08.09.2017  
**(72)** Surti, Vihar; Sigmon, John C.; Gibbons,  
 William S.  
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**(71)** Crown Packaging Technology, Inc.  
**(11)** AU-A-2017227595  
**(21)** 2017227595 **(22)** 28.02.2017

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(51) Int. Cl.  
**B65D 17/00** ( 2006.01 )  
**B21D 22/22** ( 2006.01 )  
**B21D 22/30** ( 2006.01 )  
**B21D 51/44** ( 2006.01 )  
**B65D 6/30** ( 2006.01 )  
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(31) 62/301,128 (32) 29.02.16 (33) US  
(43) 08.09.2017  
(72) Ramsey, Christopher Paul; Mattin, Ben; Clark, Tim  
(74) Davies Collison Cave Pty Ltd
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- (71) Cryovac, Inc.  
(11) AU-A-2017224048  
(21) 2017224048 (22) 14.02.2017  
(54) Heating head for packaging assembly, packaging apparatus and process, manufacturing process for making a heating head  
(51) Int. Cl.  
**B29C 65/22** ( 2006.01 )  
**B65B 7/28** ( 2006.01 )  
**B65B 51/10** ( 2006.01 )  
**B29C 65/38** ( 2006.01 )  
**B29C 65/74** ( 2006.01 )  
**B29C 65/78** ( 2006.01 )  
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(31) 16157748.1 (32) 26.02.16 (33) EP  
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(72) Capitani, Stefano  
(74) AJ PARK
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- (71) Cryovac, Inc.  
(11) AU-A-2017227087  
(21) 2017227087 (22) 28.02.2017  
(54) Tray, package, apparatus and process of making said tray and said package  
(51) Int. Cl.  
**B65D 75/30** ( 2006.01 )  
**B65B 31/04** ( 2006.01 )  
**B65D 81/20** ( 2006.01 )  
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(31) 102016000021651 (32) 01.03.16 (33) IT  
(43) 08.09.2017  
(72) Palumbo, Riccardo  
(74) AJ PARK
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- (71) CSP Technologies, Inc.  
(11) AU-A-2017217627  
(21) 2017217627 (22) 09.02.2017  
(54) Containers, container inserts and associated methods for making containers  
(51) Int. Cl.  
**B65D 81/26** ( 2006.01 )  
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(31) 62/293,048 (32) 09.02.16 (33) US  
(43) 17.08.2017  
(72) Freedman, Jonathan R.; Huber, Donald Lee  
(74) Dark IP
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- (71) Curis, Inc.; Genentech, Inc.  
(11) AU-A-2017213826  
(21) 2017213826 (22) 02.02.2017
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- (54) Mutant smoothened and methods of using the same  
(51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
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(43) 10.08.2017  
(72) Sharpe, Hayley; Gendreau, Steven  
(74) Knightsbridge Patent Attorneys
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(21) 2017214669 (22) 03.02.2017  
(54) Controlled-release and stratified cyclodextrin inclusion complex vehicles  
(51) Int. Cl.  
**A61K 31/724** ( 2006.01 )  
**A61K 47/40** ( 2006.01 )  
**C12N 9/26** ( 2006.01 )  
(87) WO2017/136775  
(31) 15/285,264 (32) 04.10.16 (33) US  
15/232,647 09.08.16 US  
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(43) 10.08.2017  
(72) Czap, AI  
(74) FB Rice Pty Ltd
- 
- (71) Daifuku Co., Ltd.  
(11) AU-A-2017221543  
(21) 2017221543 (22) 13.02.2017  
(54) Conveyor apparatus  
(51) Int. Cl.  
**B65G 17/32** ( 2006.01 )  
**B65G 47/38** ( 2006.01 )  
(87) WO2017/141862  
(31) 2016-029437 (32) 19.02.16 (33) JP  
(43) 24.08.2017  
(72) Fujio, Yoshihiko  
(74) Davies Collison Cave Pty Ltd
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- (71) Daifuku Co., Ltd.  
(11) AU-A-2017221545  
(21) 2017221545 (22) 13.02.2017  
(54) Conveyor device  
(51) Int. Cl.  
**B65G 17/32** ( 2006.01 )  
**B65G 47/38** ( 2006.01 )  
(87) WO2017/141864  
(31) 2016-029438 (32) 19.02.16 (33) JP  
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(72) Fujio, Yoshihiko  
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(11) AU-A-2017221546  
(21) 2017221546 (22) 13.02.2017  
(54) Conveyor device  
(51) Int. Cl.  
**B65G 47/38** ( 2006.01 )  
**B65G 17/34** ( 2006.01 )  
(87) WO2017/141865  
(31) 2016-029439 (32) 19.02.16 (33) JP  
(43) 24.08.2017  
(72) Fujio, Yoshihiko  
(74) Davies Collison Cave Pty Ltd
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- (71) Daikin Industries, Ltd.  
(11) AU-A-2017228531  
(21) 2017228531 (22) 27.03.2017  
(54) Method for using a mixture of fluorinated hydrocarbons as a refrigerant, and a refrigeration unit using the mixture as a refrigerant  
(51) Int. Cl.  
**C09K 5/00** ( 2006.01 )  
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(74) Spruson & Ferguson
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- (71) Dainihon Jochugiku Co., Ltd.  
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(21) 2017241474 (22) 27.03.2017  
(54) Flying pest insect repelling product and flying pest insect repelling method  
(51) Int. Cl.  
**A01N 25/34** ( 2006.01 )  
**A01M 29/12** ( 2011.01 )  
**A01N 31/02** ( 2006.01 )  
**A01N 31/04** ( 2006.01 )  
**A01N 31/06** ( 2006.01 )  
**A01N 31/08** ( 2006.01 )  
**A01N 31/14** ( 2006.01 )  
**A01N 37/02** ( 2006.01 )  
**A01P 17/00** ( 2006.01 )  
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(31) 2016-072393 (32) 31.03.16 (33) JP  
(43) 05.10.2017  
(72) Ukita, Ryoko; Iwamoto, Tomomi; Ono, Taiji; Kawajiri, Yumi; Nakayama, Koji  
(74) Spruson & Ferguson
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- (71) Dana Belgium N.V.  
(11) AU-A-2017229265  
(21) 2017229265 (22) 06.03.2017  
(54) Driveline for a vehicle including an electric drive motor and a powershift transmission having at least two transmission stages  
(51) Int. Cl.  
**F16H 37/04** ( 2006.01 )  
**F16H 61/00** ( 2006.01 )  
**F16H 61/688** ( 2006.01 )  
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(31) 62/304,312 (32) 06.03.16 (33) US  
(43) 14.09.2017  
(72) Bedert, Jan A.; Seynaeve, Koen B.; Thooft, Dries C.  
(74) Spruson & Ferguson
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- (71) Dana-Farber Cancer Institute, Inc.  
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(21) 2017228333 (22) 28.02.2017  
(54) Stapled intracellular-targeting antimicrobial peptides to treat infection  
(51) Int. Cl.  
**C07K 5/12** ( 2006.01 )  
**A61K 38/08** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
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 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
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- (71) Denali Therapeutics Inc.  
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 (21) 2017213628 (22) 03.02.2017  
 (54) Inhibitors of receptor-interacting protein kinase 1  
 (51) Int. Cl.  
*C07D 261/18* ( 2006.01 )  
*C07D 403/12* ( 2006.01 )  
*C07D 413/12* ( 2006.01 )  
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*C07D 417/12* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 491/048* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
*C07D 498/04* ( 2006.01 )  
*C07D 498/14* ( 2006.01 )  
*C07D 513/04* ( 2006.01 )  
 (87) WO2017/136727  
 (31) 62/292,202 (32) 05.02.16 (33) US  
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) DePuy Synthes Products, Inc.  
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 (21) 2017220294 (22) 20.01.2017  
 (54) Bone graft cage  
 (51) Int. Cl.  
*A61F 2/28* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
*A61L 27/58* ( 2006.01 )  
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 (51) Int. Cl.  
*A61K 35/768* ( 2015.01 )  
*A61P 35/00* ( 2006.01 )  
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 (21) 2018214115 (22) 16.05.2018  
 (54) Laterally deployable photovoltaic device and solar vehicle  
 (51) Int. Cl.  
*B60R 16/033* ( 2006.01 )  
*B60K 16/00* ( 2006.01 )  
*B60L 8/00* ( 2006.01 )  
*H02S 10/40* ( 2014.01 )  
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 (72) Yu, Xiang  
 (74) Griffith Hack
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- (71) Doosan Fuel Cell America, Inc.  
 (11) AU-A-2017225510  
 (21) 2017225510 (22) 21.02.2017  
 (54) Fuel cell power plant with real and reactive power modes  
 (51) Int. Cl.  
*H02J 1/00* ( 2006.01 )  
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 (74) Intellepro
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 (54) Composition comprising gluten-free flour and hydroxypropyl methyl cellulose  
 (51) Int. Cl.  
*A21D 2/18* ( 2006.01 )  
*A21D 13/04* ( 2006.01 )  
*A21D 13/043* ( 2017.01 )  
*A21D 13/045* ( 2017.01 )  
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*A21D 13/066* ( 2017.01 )  
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 C22B 3/08 ( 2006.01 )  
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 D21H 21/34 ( 2006.01 )  
 E04B 1/94 ( 2006.01 )  
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C08G 63/08 ( 2006.01 )  
A61L 27/34 ( 2006.01 )  
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A61L 31/14 ( 2006.01 )  
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C08F 299/04 ( 2006.01 )  
C08G 63/664 ( 2006.01 )  
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A61P 29/00 ( 2006.01 )  
C07C 307/06 ( 2006.01 )  
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C07K 16/22 ( 2006.01 )

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**C07K 16/28** ( 2006.01 )  
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**(51)** Int. Cl.  
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**B23P 19/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**B60H 1/00** ( 2006.01 )  
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**F25B 30/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07C 233/47** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/221** ( 2006.01 )  
**A61K 31/223** ( 2006.01 )  
**A61K 31/655** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**C07C 229/28** ( 2006.01 )  
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**B42D 25/328** ( 2014.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**B32B 38/00** ( 2006.01 )  
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**B44C 3/08** ( 2006.01 )  
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**B32B 21/08** ( 2006.01 )  
**B32B 3/26** ( 2006.01 )  
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**B32B 27/12** ( 2006.01 )  
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**B08B 3/02** ( 2006.01 )  
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B07C 5/342 ( 2006.01 )  
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G08B 21/04 ( 2006.01 )  
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B23K 101/32 ( 2006.01 )  
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C12N 15/79 ( 2006.01 )  
C07H 21/02 ( 2006.01 )  
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C12N 15/11 ( 2006.01 )  
C12N 15/113 ( 2010.01 )  
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**C07D 495/04** ( 2006.01 )  
**A61K 31/4365** ( 2006.01 )  
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**C10M 169/04** ( 2006.01 )  
**C03B 40/02** ( 2006.01 )  
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**B25B 27/10** ( 2006.01 )  
**F15B 7/02** ( 2006.01 )  
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**C07J 63/00** ( 2006.01 )  
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**A61K 31/58** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
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**G06F 21/60** ( 2013.01 )  
**H04L 9/08** ( 2006.01 )  
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**G06Q 20/02** ( 2012.01 )  
**G06Q 20/04** ( 2012.01 )  
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**F41G 3/16** ( 2006.01 )  
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**A63C 17/12** ( 2006.01 )  
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**E21B 47/10** ( 2006.01 )  
**E21B 47/06** ( 2006.01 )  
**G01F 1/708** ( 2006.01 )  
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**(54)** Parking brake control  
**(51)** Int. Cl.  
**B61H 13/20** ( 2006.01 )  
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**(74)** Madderns Patent & Trade Mark Attorneys
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**(51)** Int. Cl.  
**F41B 3/04** ( 2006.01 )  
**A63B 69/40** ( 2006.01 )  
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*F16L 58/10* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (31) 201621001033 (32) 12.01.16 (33) IN  
 (43) 20.07.2017  
 (72) Shareef, Mohammad Ajmal; Sahu, Mrutunjaya; Handa, Ajaykumar  
 (74) Houlihan<sup>2</sup> Pty Ltd
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- (71) Wood Innovations Ltd.  
 (11) AU-A-2017224437  
 (21) 2017224437 (22) 22.02.2017
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- (54) Lightweight construction board containing wave-like elements  
 (51) Int. Cl.  
*E04C 2/16* ( 2006.01 )  
*B32B 21/02* ( 2006.01 )  
*E04C 2/32* ( 2006.01 )  
*E04C 2/34* ( 2006.01 )  
 (87) WO2017/144541  
 (31) 16000427.1 (32) 22.02.16 (33) EP  
 (43) 31.08.2017  
 (72) Möller, Achim; Eckstein, Thomas  
 (74) Davies Collison Cave Pty Ltd
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- (71) Xylem IP Management S.a r.l.  
 (11) AU-A-2017219566  
 (21) 2017219566 (22) 08.02.2017  
 (54) Ozone generation at high pressures  
 (51) Int. Cl.  
*C01B 13/11* ( 2006.01 )  
 (87) WO2017/140556  
 (31) 16156070.1 (32) 17.02.16 (33) EP  
 (43) 24.08.2017  
 (72) Fiekens, Ralf; Fietzek, Reiner; Salvermoser, Manfred; Bruggemann, Nicole  
 (74) Davies Collison Cave Pty Ltd
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- (71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
 (11) AU-A-2017204940  
 (21) 2017204940 (22) 03.01.2017  
 (54) A process for treating plastic waste  
 (51) Int. Cl.  
*C08J 11/16* ( 2006.01 )  
 (87) WO2017/118975  
 (31) 62/274,802 (32) 05.01.16 (33) US  
 (43) 13.07.2017  
 (72) Sasson, Yoel; Stoin, Uri  
 (74) Michael Buck IP
- 
- (71) Yoshino Gypsum Co., Ltd.  
 (11) AU-A-2017218218  
 (21) 2017218218 (22) 06.02.2017  
 (54) Gypsum-based board manufacturing apparatus  
 (51) Int. Cl.  
*B28C 7/04* ( 2006.01 )  
*B01F 3/04* ( 2006.01 )  
*B01F 3/12* ( 2006.01 )  
*B01F 7/26* ( 2006.01 )  
 (87) WO2017/138498  
 (31) 2016-023897 (32) 10.02.16 (33) JP  
 (43) 17.08.2017  
 (72) Hirooka, Yuichi; Ishibashi, Seigo; Yoshida, Masaru  
 (74) Spruson & Ferguson

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<b>2016202632</b>	Suzhou M-Conj Biotech Co., Ltd.; Hangzhou Dac Biotech Co, Ltd; Zhao, R.	<b>2017206820</b>	Bristol-Myers Squibb Company
<b>2016322708</b>	Hangzhou Dac Biotech Co, Ltd	<b>2017206952</b>	Bayer CropScience Aktiengesellschaft
<b>2016384478</b>	Helix Co., Ltd.	<b>2017206953</b>	Bayer CropScience Aktiengesellschaft
<b>2016384679</b>	Auro Technologies NV	<b>2017206954</b>	Bayer CropScience Aktiengesellschaft
<b>2016384928</b>	Guangzhou Henovcom Bioscience Co. Ltd	<b>2017207330</b>	MedImmune, LLC
<b>2016385130</b>	Great Southern Motor Company Pty. Ltd.	<b>2017207746</b>	Arizona Board of Regents on Behalf of Arizona State University
<b>2016385282</b>	Elyson Pharm	<b>2017207757</b>	Innate Tumor Immunity, Inc.
<b>2016385362</b>	Abon Pharmaceuticals, LLC	<b>2017207768</b>	Freezio AG
<b>2016385417</b>	Inspeed Networks, Inc.	<b>2017207769</b>	Freezio AG
<b>2016385839</b>	Merck Patent GmbH	<b>2017207770</b>	Freezio AG
<b>2016387339</b>	ABT Holding Company; Katholieke Universiteit Leuven	<b>2017207774</b>	Freezio AG
<b>2016388392</b>	Rohm and Haas Company	<b>2017208169</b>	Health Corporation of Galilee Medical Center
<b>2016389384</b>	Prysmian S.p.A.	<b>2017208665</b>	Universite de Montpellier; Institut Recherche Pour Le Developpement; Institut National de la Sante et de la Recherche Medicale
<b>2016389434</b>	Beijing Innocare Pharma Tech Co., Ltd.	<b>2017208698</b>	Top Smith Limited
<b>2016391055</b>	Perqflo, LLC	<b>2017208718</b>	4 Ken Pty Ltd
<b>2016391182</b>	Huawei Technologies Co., Ltd.	<b>2017208922</b>	Unitec S.p.A.
<b>2016391619</b>	Dura Tap LLC	<b>2017208923</b>	Unitec S.p.A.
<b>2016391958</b>	Dura Tap LLC	<b>2017209014</b>	Caterpillar Inc.
<b>2016391959</b>	Dura Tap LLC	<b>2017209024</b>	Caterpillar Inc.
<b>2016391961</b>	Dura Tap LLC	<b>2017209066</b>	Sinphar Tian-Li (Hangzhou) Pharmacy Company Limited
<b>2016392254</b>	Urschel Laboratories, Inc.	<b>2017209212</b>	Interactive Intelligence Group, Inc.
<b>2016392336</b>	Nippon Paper Industries Co., Ltd.; Kao Corporation	<b>2017209742</b>	National University Corporation Nagoya University
<b>2016392768</b>	Bticino SpA	<b>2017209915</b>	Pixsweet B.V.
<b>2016392770</b>	Bticino SpA	<b>2017210034</b>	Indiana University Research and Technology Corporation
<b>2016392771</b>	Bticino SpA	<b>2017210060</b>	Baker Hughes, a GE Company, LLC
<b>2016393223</b>	Ty-Flot, Inc.	<b>2017210132</b>	Hasan, S.
<b>2016393722</b>	Kusainov, A.; Buktukov, N.	<b>2017210146</b>	Caterpillar Inc.
<b>2016394064</b>	TTI (Macao Commercial Offshore) Limited	<b>2017210155</b>	Brilliant Light Power, Inc.
<b>2016396133</b>	Achhra, S.; Tsikine, S.; Paykis, S.; Visa International Service Association	<b>2017210296</b>	Incube Labs, LLC
<b>2016396546</b>	Nippon Steel & Sumitomo Metal Corporation	<b>2017210319</b>	Flurry Powders, LLC
<b>2016396736</b>	Sandvik Intellectual Property AB	<b>2017210771</b>	Burcon Nutrascience (MB) Corp.
<b>2016396813</b>	Fujikura Ltd.	<b>2017210891</b>	WellStarter AS
<b>2016397057</b>	Sanders, J.V.	<b>2017210987</b>	Dow Global Technologies LLC
<b>2016397532</b>	Deutsches Krebsforschungszentrum	<b>2017211346</b>	BRICQ
<b>2016398212</b>	Borealis AG	<b>2017211686</b>	Leung, H.Y.
<b>2016398499</b>	Flow-Rite Controls, Ltd.	<b>2017212036</b>	Sedacor-Sociedade Exportadora de Artigos de Cortiça, LDA; Têxteis Penedo S.a.
<b>2016398500</b>	Flow-Rite Controls, Ltd.	<b>2017212146</b>	Infratech Industries Pty Ltd
<b>2016401016</b>	Essity Operations France	<b>2017212572</b>	Memorial Sloan-Kettering Cancer Center
<b>2016401655</b>	Halliburton Energy Services Inc.	<b>2017212692</b>	VDV Lubricants
<b>2016401884</b>	Novartis AG	<b>2017212754</b>	Purigen Biosystems, Inc.
<b>2016402395</b>	Sensoriant, Inc.	<b>2017213158</b>	igus GmbH
<b>2016403079</b>	Landmark Graphics Corporation	<b>2017213166</b>	Belyntic GmbH
<b>2016405033</b>	Mitsubishi Electric Corporation	<b>2017213377</b>	Tohoku University
<b>2016409870</b>	Halliburton Energy Services, Inc.	<b>2017213628</b>	Denali Therapeutics Inc.
<b>2016420402</b>	Sidgman Saitua, R.	<b>2017213646</b>	Synlogic Operating Company, Inc.
<b>2016432918</b>	Industrial Y Comercial Mantos Group S.A.	<b>2017213653</b>	The Regents of the University of California; University of Iowa Research Foundation
<b>2017204937</b>	Amir, A.	<b>2017213769</b>	Medos International Sarl
<b>2017204940</b>	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	<b>2017213805</b>	Anderson, M.; Frantz Design Incorporated
<b>2017204960</b>	Global Kinetics Corporation Pty Ltd	<b>2017213826</b>	Curis, Inc.; Genentech, Inc.
<b>2017204979</b>	British Columbia Cancer Agency Branch; The University of British Columbia	<b>2017214013</b>	LG Electronics Inc.
<b>2017205123</b>	Etudes et Constructions Electromecaniques	<b>2017214071</b>	Shanghai Hanmai Bio-Pharma Co., Ltd.
<b>2017205133</b>	Brightgreen Pty Ltd	<b>2017214105</b>	Trespa International B.V.
<b>2017205235</b>	Tata Consultancy Services Limited	<b>2017214134</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
<b>2017205238</b>	Spectrum Brands, Inc.	<b>2017214135</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
<b>2017205327</b>	Hanwha Azdel, Inc.	<b>2017214269</b>	Aspinall, S.K.
<b>2017205399</b>	Gen-Probe Incorporated	<b>2017214306</b>	McCormick & Company, Incorporated
<b>2017205446</b>	Conventus Orthopaedics, Inc.	<b>2017214396</b>	Medos International Sarl
<b>2017205538</b>	Momotaro-Gene Inc.	<b>2017214397</b>	Medos International Sarl
<b>2017205710</b>	Tahmouresinia, F.	<b>2017214475</b>	Ni, J.; Yang, R.
<b>2017206099</b>	May, M.	<b>2017214484</b>	Nexus TDR, Inc.
<b>2017206112</b>	Universal Research Solutions, LLC	<b>2017214552</b>	Board of Regents of The University of Texas System
<b>2017206621</b>	Laporte Holding		
<b>2017206671</b>	Wockhardt Limited		
<b>2017206672</b>	Wockhardt Limited		

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2017214564	Johnson & Johnson Surgical Vision, Inc.	2017218312	Toppan Printing Co., Ltd.
2017214566	The General Hospital Corporation	2017218386	LexisNexis, A Division of Reed Elsevier Inc.
2017214568	Board of Regents of the University of Texas System	2017218431	RGene, Inc.
2017214669	Czap Research And Development, LLC	2017218437	Cocoon Biotech Inc.
2017214764	ETP Ion Detect Pty Ltd	2017218445	Nant Holdings IP, LLC; NantCell, Inc.
2017214818	Sharp Kabushiki Kaisha	2017218453	Fero Strata Systems Pty Ltd
2017214830	Fujifilm Corporation	2017218457	Lithium Australia NL
2017215182	Medos International Sàrl	2017218501	BPW Bergische Achsen KG
2017215188	The Climate Corporation	2017218522	OutcomeMD, Inc.
2017215192	Epitel, Inc.	2017218523	The Board of Regents of The University of Texas System
2017215300	Achieve Pharma UK Limited	2017218531	Maastricht University
2017215462	Trico Products Corporation	2017218588	Saint-Gobain Centre de Recherches et D'etudes European
2017215529	VIIV Healthcare UK (No.5) Limited	2017218599	National University of Ireland, Galway
2017215605	Gree Electric Appliances, Inc. of Zhuhai	2017218652	Winn and Coales International Ltd
2017215677	Gree Electric Appliances, Inc. of Zhuhai	2017218679	AMO Groningen B.V.
2017215801	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2017218680	AMO Groningen B.V.
2017215825	Taiho Pharmaceutical Co., Ltd.	2017218681	AMO Groningen B.V.
2017215874	Nisshin Foods Inc.	2017218682	Beta-O2 Technologies Ltd.
2017215884	Asahi Kasei Kabushiki Kaisha	2017218698	TechSafe Global
2017215928	Samjin Pharmaceutical Co., Ltd.; Incheon University Industry Academic Cooperation Foundation; Bamichem Co., Ltd.	2017218708	Innoventric Ltd.
2017215955	Green Cross Lab Cell Corporation	2017218725	Unitec S.p.A.
2017216034	Lotte Chemical Corporation; Sungshin Women's University Industry-Academic Cooperation Foundation	2017218772	Invictus Oncology Pvt. Ltd.; The Brigham and Women's Hospital, Inc.
2017216157	Jaguar Land Rover Limited	2017218838	Trespa International B.V.
2017216247	Global Software Innovation Pty Ltd	2017218908	GreenMantra Recycling Technologies Ltd.
2017216248	Global Software Innovation Pty Ltd	2017219204	The University of Queensland; The Provost, Fellows, Foundation Scholars, and the other members of board, of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin
2017216336	Animas Corporation	2017219239	Medident Technologies Inc.
2017216411	Regenmed Systems, Inc.	2017219429	National Oilwell Varco Denmark I/S
2017216653	Mie University; Kyoto University	2017219566	Xylem IP Management S.a r.l.
2017216717	The Yokohama Rubber Co., Ltd.	2017219602	Regeneron Pharmaceuticals, Inc.
2017216854	Jaguar Land Rover Limited	2017219708	Bayer CropScience Aktiengesellschaft
2017216887	3M Innovative Properties Company	2017219749	SIWA Corporation
2017216897	ELC Management LLC	2017219834	INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique (CNRS); Universite Paris Descartes; Assistance Publique-Hôpitaux de Paris (APHP)
2017216906	McElroy Manufacturing, Inc.	2017219851	Immatics Biotechnologies GmbH
2017216964	3M Innovative Properties Company	2017219939	Sumitomo Metal Mining Co., Ltd.
2017217153	Inventio AG	2017220048	Aqdot Limited
2017217175	Inventio AG	2017220294	DePuy Synthes Products, Inc.
2017217183	Bayer CropScience Aktiengesellschaft	2017220378	Hatch Pty Ltd
2017217191	BASF SE	2017220394	Li-Technology Pty Ltd
2017217225	Esco Corporation LLC	2017220399	Subsea 7 do Brasil Servicos Ltda
2017217248	La Trobe University	2017220532	Sika Technology AG
2017217260	Mondias Naturels Inc.	2017220621	Association Institut de Myologie
2017217275	Nano Bridging Molecules SA	2017220675	UCB Biopharma Sprl
2017217426	BeyondSpring Pharmaceuticals, Inc.	2017220701	Linde Aktiengesellschaft
2017217455	Equality Cosmetics, Inc.	2017220728	Strongbridge Ireland Limited
2017217466	Nutrition 21, LLC	2017221017	Nokia Solutions and Networks Oy
2017217513	Abbott Medical Optics Inc.	2017221105	BASF SE
2017217521	Ecolab USA Inc.	2017221107	Viega Technology GmbH & Co. KG
2017217527	Hackensack University Medical Center	2017221222	Pictometry International Corp.
2017217542	Janssen Pharmaceutica NV	2017221228	Joint Innovation Technology LLC
2017217551	ExploraMed NC7, Inc.	2017221274	REM Technologies, Inc.
2017217554	Polaris Industries Inc.	2017221364	Meyer Intellectual Properties Limited; Barberi, P.
2017217627	CSP Technologies, Inc.	2017221404	Vanderbilt University
2017217656	Merck Sharp & Dohme Corp.	2017221425	Regeneron Pharmaceuticals, Inc.
2017217674	Circuit Therapeutics, Inc.	2017221437	Genisphere LLC
2017217702	ExploraMed NC7, Inc.	2017221491	Avery Dennison Corporation
2017217814	Cayman Chemical Company Incorporated	2017221543	Daifuku Co., Ltd.
2017217836	Evoqua Water Technologies LLC	2017221545	Daifuku Co., Ltd.
2017217839	Luma Therapeutics, Inc.	2017221546	Daifuku Co., Ltd.
2017217864	Smart Medical Devices, Inc.	2017221548	Haldor Topsoe A/S
2017217868	Jumpcode Genomics, Inc.	2017221567	Browa, M.
2017217940	Madison Vaccines Inc.	2017222212	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft
2017217986	GOJO Industries, Inc.	2017222376	Johnson Matthey Public Limited Company
2017217992	Westmeyer, P.; Woods, R.; Woods, R.		
2017218129	ALS Therapy Development Institute		
2017218138	Rodan & Fields, LLC		
2017218157	Axonics Modulation Technologies, Inc.		
2017218218	Yoshino Gypsum Co., Ltd.		
2017218246	Sumitomo Metal Mining Co., Ltd.		
2017218300	Asahi Kasei Kabushiki Kaisha		



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2017222392	Sagetech Medical Equipment Limited	20172227776	University of Florida Research Foundation, Inc.; The Trustees of the University of Pennsylvania
2017222405	Rejuvetech Ltd		
2017222421	nChain Holdings Limited	20172227982	G.L. Pharma GmbH
2017222471	nChain Holdings Limited	20172227983	Nestec S.A.
2017222526	Acceleron Pharma Inc.	20172228213	Technium AS
2017222572	Aromyx Corporation	20172228293	Regeneron Pharmaceuticals, Inc.
2017222630	Ecolab USA Inc.	20172228307	Magic Leap, Inc.
2017222957	Unitec S.p.A.	20172228333	Dana-Farber Cancer Institute, Inc.
2017222962	Asceneuron S. A.	20172228413	University of Massachusetts
2017223103	Lenczycki, A.L.	20172228531	Daikin Industries, Ltd.
2017223126	nChain Holdings Limited	20172228738	Qualcomm Incorporated
2017223127	nChain Holdings Limited	20172228742	Qualcomm Incorporated
2017223138	nChain Holdings Limited	20172228748	Qualcomm Incorporated
2017223158	nChain Holdings Limited	20172229136	Jaguar Land Rover Limited
2017223234	Sepro Mineral Systems Corp.	20172229265	Dana Belgium N.V.
2017223267	Auckland UniServices Limited	20172229451	Übermorgen Innovations GmbH
2017223278	Isinnova S.r.l.	20172229569	Tereos Starch & Sweeteners Belgium
2017223287	Buckman Laboratories International, Inc.	20172229975	Spraying Systems Co.
2017223293	Drexel University	20172300042	Minalyze AB
2017223347	Enerbrain S.r.l.	20172300684	RheinEnergie AG
2017223387	ACCO Brands Corporation	2017230806	Arthrex, Inc.
2017223836	Rockler Companies, Inc.	2017231744	Arable Labs, Inc.
2017223846	Cell Medica Switzerland AG; The University of North Carolina at Chapel Hill	2017231765	ThromboGenics NV
		2017231861	Betsold Limited
2017223863	Milwaukee Electric Tool Corporation	2017231862	University of Dundee
2017223887	Siemens Aktiengesellschaft	2017231925	Tereos Starch & Sweeteners Belgium
2017224048	Cryovac, Inc.	2017232774	Sumitomo Metal Mining Co., Ltd.
2017224130	Pride Mobility Products Corporation	2017233674	Qualcomm Incorporated
2017224301	Newtricious B.V.	2017233683	Qualcomm Incorporated
2017224356	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft	2017234059	Robert Bosch GmbH
		2017234405	Qualcomm Incorporated
2017224357	BASF SE	2017234653	Visa International Service Association
2017224431	Unitec S.p.A.	2017234820	Qualcomm Incorporated
2017224437	Wood Innovations Ltd.	2017234968	Medela Holding AG
2017224438	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft	2017235275	Robert Bosch GmbH
		2017235293	Orchid Pharma Ltd.; Merck Sharp & Dohme Corp.
2017224783	Atlas Copco Airpower, Naamloze Vennootschap	2017235634	VISA International Service Association
2017224784	Atlas Copco Airpower, Naamloze Vennootschap	2017235751	Neosteo
2017224843	Cell Medica Switzerland AG	2017236139	Borealis AG
2017224946	Indian Ocean Medical Inc.	2017237735	Thomas, E.; Pettie, T.
2017225254	Hager-Electro SAS	2017237795	Qualcomm Incorporated
2017225297	Pulse Biosciences, Inc.	2017238088	Qualcomm Incorporated
2017225324	Siemens Aktiengesellschaft	2017239039	Commonwealth Scientific and Industrial Research Organisation
2017225327	Siemens Aktiengesellschaft		
2017225416	Joint Innovation Technology LLC	2017239900	Mitsubishi Materials Corporation
2017225495	OSE Immunotherapeutics	2017241474	Dainihon Jochugiku Co., Ltd.
2017225510	Doosan Fuel Cell America, Inc.	2017241549	Apple Inc.
2017225820	GlaxoSmithKline Biologicals S.A.	2017241911	Vesper Medical, Inc.
2017225841	Novo Nordisk A/S	2017242803	Lindhofer, H.
2017225911	Nauti-Craft Pty Ltd	2017245701	Nestec S.A.
2017225952	Bridgestone Corporation	2017246058	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
2017225956	Tiger Tool International Incorporated; Andrews, M.		
2017225959	Briggs & Stratton Corporation	2017247443	Peri GmbH
2017226294	Westinghouse Air Brake Technologies Corporation	2017248038	Nestec S.A.
2017226383	Bridgestone Corporation	2017248237	Hollister Incorporated
2017226534	Nippon Steel & Sumitomo Metal Corporation	2017249034	Honeywell International Inc.
2017226612	LG Electronics Inc.	2017249305	Terrapower, LLC
2017226663	Bridgestone Corporation	2017250514	Solis Herrera, A.
2017226695	LG Electronics Inc.	2017251346	Hilti Aktiengesellschaft
2017226697	LG Electronics Inc.	2017252150	VK Integrated Systems
2017226877	G.L. Pharma GmbH	2017252170	Microsoft Technology Licensing, LLC
2017226880	G.L. Pharma GmbH	2017253475	Siemens Aktiengesellschaft
2017226922	Bayer Pharma Aktiengesellschaft	2017253769	Walnut Technology Limited
2017227087	Cryovac, Inc.	2017257306	Philip Morris Products S.A.
2017227104	Apitope International NV	2017257938	Spiber Inc.; Kojima Industries Corporation
2017227406	LG Electronics Inc.	2017257942	Spiber Inc.; Kojima Industries Corporation
2017227532	Ecolab USA Inc.	2017261902	Tiger Tool International Incorporated; Andrews, M.
2017227539	Cook Medical Technologies LLC	2017263176	Eversafe Technologies Limited
2017227540	Cook Medical Technologies LLC	2017287028	Nitto Seiko Co., Ltd.
2017227595	Crown Packaging Technology, Inc.	2017287528	Hoya Lens Thailand Ltd.
2017227694	General Mills, Inc.	2017287530	Hoya Lens Thailand Ltd.
		2017312474	Huntsman Petrochemical LLC

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**2017352545** Northern Trust Corporation  
**2017359003** Schenck Process Europe GmbH  
**2017359769** China University of Mining and Technology; Xuzhou  
Zhirun Mining Equipment Science and Technology Co.,  
Ltd.  
**2017375856** China University of Mining and Technology; Xuzhou  
Coal Mine Safety Equipment Manufacture Co., Ltd.  
**2017390136** Provisur Technologies, Inc.  
**2017390137** Provisur Technologies, Inc.  
**2017390138** Provisur Technologies, Inc.  
**2017390139** Provisur Technologies, Inc.  
**2017390164** Provisur Technologies, Inc.  
**2018202623** Glenmark Pharmaceuticals Limited  
**2018202960** Glenmark Pharmaceuticals Limited  
**2018203484** RX Smart Gear, Inc.  
**2018214115** Dong Han New Energy Automotive Technology Co., Ltd

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	2017217260	2017214306	<b><u>A47J 43 /-</u></b>	<b><u>A61C 17 /-</u></b>	2017215300
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2017222167			<b><u>A47J 45 /-</u></b>	<b><u>A61C 19 /-</u></b>	2017215801
2017239039	2017217191	2017209066	2017221364	2017213805	2017215825
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2017216653	2017210987	2017210987	2017217986	2017217839	2017217426
2017221425		2017217466	<b><u>A47L 9 /-</u></b>	2017218300	2017217466
2017228293	<b><u>A21D 2 /-</u></b>	2017224301	2017226612	<b><u>A61F 2 /-</u></b>	2017217527
<b><u>A01M 29 /-</u></b>	2017210987	2017210987	2017226695	2017214484	2017217542
2017241474	<b><u>A22C 17 /-</u></b>	2017215874	201722697	2017218599	2017217656
<b><u>A01N 1 /-</u></b>	2017390136	<b><u>A24F 13 /-</u></b>	2017227406	2017218679	2017218437
2017215955	<b><u>A23C 11 /-</u></b>	2017207746	<b><u>A61B 1 /-</u></b>	2017218680	2017219834
2017218682	2017227694	<b><u>A24F 15 /-</u></b>	2017224946	2017218708	2017220728
<b><u>A01N 25 /-</u></b>	<b><u>A23C 3 /-</u></b>	2017207746	2017227539	2017220294	2017221404
2017241474	2017227694	<b><u>A24F 47 /-</u></b>	2017227540	2017235751	2017222962
<b><u>A01N 31 /-</u></b>	<b><u>A23C 9 /-</u></b>	2017207746	<b><u>A61B 10 /-</u></b>	2017241911	2017226877
2017217260	2017227983	<b><u>A45C 13 /-</u></b>	2017216411	<b><u>A61F 5 /-</u></b>	2017226880
2017241474		2017263176	<b><u>A61B 17 /-</u></b>	2017213805	2017226922
<b><u>A01N 33 /-</u></b>	<b><u>A23D 7 /-</u></b>	<b><u>A45D 44 /-</u></b>	2016391619	<b><u>A61F 9 /-</u></b>	2017227982
2017227532	2017214306	2017217455	2016391958	2016401884	2017235293
<b><u>A01N 37 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A45F 3 /-</u></b>	2016391959	2017214564	2017248038
2017217183	2017209915	2017263176	2016391961	2017217513	2017250514
2017217191	<b><u>A23J 1 /-</u></b>	<b><u>A46B 11 /-</u></b>	2017204937	<b><u>A61G 13 /-</u></b>	2018202960
2017241474	2017210771	2017208169	2017205446	2017221228	
<b><u>A01N 43 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A46B 9 /-</u></b>	2017213769	<b><u>A61G 3 /-</u></b>	<b><u>A61K 33 /-</u></b>
2017206952	2017210771	2017208169	2017214396	2017224130	2017217466
2017206953	2017210771	<b><u>A47B 81 /-</u></b>	2017214397	<b><u>A61G 5 /-</u></b>	2017218682
2017206954	2017229569	2017208169	2017214552	2017224130	<b><u>A61K 35 /-</u></b>
2017219708	2017231925	<b><u>A47G 1 /-</u></b>	2017215182	<b><u>A61H 1 /-</u></b>	2016397532
<b><u>A01N 63 /-</u></b>	<b><u>A23L 13 /-</u></b>	2017263176	2017216411	2017214269	2017213646
2017217191	2017231925	<b><u>A47G 1 /-</u></b>	2017217513	<b><u>A61H 33 /-</u></b>	2017215955
<b><u>A01N 65 /-</u></b>	<b><u>A23L 15 /-</u></b>	2017216964	2017217864	20172210034	2017216653
2017217260	2017224301	<b><u>A47J 27 /-</u></b>	2017218138	<b><u>A61K 31 /-</u></b>	2017217839
<b><u>A01P 1 /-</u></b>	<b><u>A23L 2 /-</u></b>	2017221364	2017235751	2016385282	2017223846
2017217260	2017210771	<b><u>A47J 31 /-</u></b>	<b><u>A61B 18 /-</u></b>	2016385839	2017224843
2017227532	2017227694	2017229451	2017219239	2016389434	2017230806
<b><u>A01P 15 /-</u></b>	<b><u>A23L 25 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017206671	
2017206952	2017210987	2017221364	2016401884	2017206672	<b><u>A61K 36 /-</u></b>
2017206953	<b><u>A23L 27 /-</u></b>	2017221364	2017214552	2017206820	2017217260
2017206954			<b><u>A61B 5 /-</u></b>	2017207757	<b><u>A61K 38 /-</u></b>
<b><u>A01P 17 /-</u></b>	2017214306		2017204960	2017210319	2017209066
2017241474	2017215874		2017206112	2017212572	2017217674
			2017213805	2017213377	2017217814
			2017215192	2017214071	2017220728
			2017218129		2017222526
			2017220621		2017223293
					2017225841
					2017227104
					2017227982
					2017228333
					<b><u>A61K 39 /-</u></b>
					2017205538
					2017207330
					2017216653
					2017217426
					2017217940
					2017218445
					2017219602
					2017219749
					2017222526
					2017224843

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2017225820	<u><b>A61L 27 /-</b></u>	<u><b>A61P 17 /-</b></u>	<u><b>A61P 43 /-</b></u>	<u><b>B01F 17 /-</b></u>	<u><b>B08B 3 /-</b></u>
2017227104	2017214566	2017217527	2017213377	2017214830	2016394064
2017242803	2017217275		2017216653		
<u><b>A61K 45 /-</b></u>	2017218682	<u><b>A61P 19 /-</b></u>	2017219834	<u><b>B01F 3 /-</b></u>	<u><b>B21D 22 /-</b></u>
2017205538	2017220294	2017218437		2017214306	2017227595
2017216653	<u><b>A61L 29 /-</b></u>	<u><b>A61P 25 /-</b></u>	<u><b>A61P 5 /-</b></u>	2017218218	
2017250514	2017214568	2017209066	20172220728	<u><b>B01F 7 /-</b></u>	<u><b>B21D 39 /-</b></u>
<u><b>A61K 47 /-</b></u>		2017213377	2017226922	2017218218	2017287028
2016322708	<u><b>A61L 31 /-</b></u>	2017214071	<u><b>A61P 9 /-</b></u>		
2016385282	2017214566	2017215300	2017217542	<u><b>B01J 19 /-</b></u>	<u><b>B21D 51 /-</b></u>
2016385362	2017217275	2017217542	2017225841	2016384478	2017227595
2017210319	<u><b>A61L 9 /-</b></u>	2017222962	<u><b>A61Q 19 /-</b></u>	2017221491	<u><b>B23H 9 /-</b></u>
2017214071	2017220048		2017216897	<u><b>B01J 20 /-</b></u>	2017221274
2017214475		<u><b>A61P 27 /-</b></u>		2017222392	<u><b>B23K 101 /-</b></u>
2017214669	<u><b>A61M 1 /-</b></u>	2017231765	<u><b>A63B 5 /-</b></u>	<u><b>B01J 23 /-</b></u>	2017231862
2017216653	2017214564	<u><b>A61P 29 /-</b></u>	2018203484	2017222376	<u><b>B23K 103 /-</b></u>
2017217527	2017217513	2016384928	<u><b>A63B 69 /-</b></u>	<u><b>B01J 3 /-</b></u>	2017231862
2017218437	2017217551	2017218437	2017217992	2017220701	<u><b>B23K 26 /-</b></u>
2017225841	2017217702	2017219204		<u><b>B01J 35 /-</b></u>	2017231862
2017226877	2017234968	<u><b>A61P 3 /-</b></u>	<u><b>A63C 17 /-</b></u>	2017222376	<u><b>B23K 35 /-</b></u>
2017226880		2017213377	2017253769	<u><b>B01J 8 /-</b></u>	2016396546
<u><b>A61K 48 /-</b></u>	<u><b>A61M 16 /-</b></u>	2017219602	<u><b>A63F 13 /-</b></u>	2017221246	<u><b>B23P 19 /-</b></u>
2017205538	2017222392	2017220728	2017237735	2017221491	2017225956
2017217674	2017224946	2017225841	<u><b>B01D 15 /-</b></u>	<u><b>B01L 3 /-</b></u>	<u><b>B24B 31 /-</b></u>
2017217940	<u><b>A61M 25 /-</b></u>	<u><b>A61P 31 /-</b></u>	2017217836	2017230806	2017221274
2017228413	2017214568	2016202632	<u><b>B01D 21 /-</b></u>	<u><b>B02C 2 /-</b></u>	<u><b>B24B 33 /-</b></u>
<u><b>A61K 49 /-</b></u>	2017216411	2016384928	<u><b>B01D 29 /-</b></u>	2016396736	2017221274
2017221437	2017216411	2017206671	2017210146	<u><b>B04B 1 /-</b></u>	<u><b>B24D 3 /-</b></u>
<u><b>A61K 51 /-</b></u>	<u><b>A61M 3 /-</b></u>	2017206672	<u><b>B01D 35 /-</b></u>	2017223234	2017218588
2017204979	2017217513	2017207330	2017210146	<u><b>B05B 1 /-</b></u>	<u><b>B25B 27 /-</b></u>
<u><b>A61K 8 /-</b></u>	2017248237	2017214135	<u><b>B01D 36 /-</b></u>	2016394064	2017221107
2017209066	<u><b>A61M 31 /-</b></u>	2017215529	2017210146	<u><b>B05B 11 /-</b></u>	2017225956
2017216897	2017216336	2017215801	<u><b>B01D 53 /-</b></u>	2017217986	<u><b>B25B 29 /-</b></u>
2017217986	<u><b>A61M 39 /-</b></u>	2017217260	2017222392	<u><b>B05B 15 /-</b></u>	2016393223
<u><b>A61K 9 /-</b></u>	2017216411	2017217656	2017224784	2016394064	<u><b>B25B 33 /-</b></u>
2016385362	2017217702	2017235293	<u><b>B01D 69 /-</b></u>	<u><b>B05B 7 /-</b></u>	2016393223
2017206672	<u><b>A61M 5 /-</b></u>	<u><b>A61P 35 /-</b></u>	2016432918	2017217986	<u><b>B25D 11 /-</b></u>
2017210319	2016391055	2016202632	<u><b>B01D 71 /-</b></u>	<u><b>B07B 1 /-</b></u>	2017223863
2017216653	2017216336	2016322708	<u><b>B01F 13 /-</b></u>	2016401655	<u><b>B25D 16 /-</b></u>
2017217527		2016384928	2017217455	2017208922	
2017220728	<u><b>A61N 1 /-</b></u>	2016385839		2017222957	
2017226877	2017210296	2016389434		2017224431	
2017226880	2017218157	2016397532			
<u><b>A61L 15 /-</b></u>	2017217674	2017207757			
2016401016	<u><b>A61N 5 /-</b></u>	2017215825			
2017217527	2017217839	2017216653			
2017218300		2017217426			
<u><b>A61L 17 /-</b></u>	<u><b>A61P 1 /-</b></u>	2017220728			
2017204937	2016384928	2017222526			
<u><b>A61L 26 /-</b></u>	2017214071	<u><b>A61P 39 /-</b></u>			
2017217839	2017215825	2017209066			
		2017216653			
		2017222526			
		2017209066			

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<b><u>B25D 17 /-</u></b>	<b><u>B29C 53 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B60S 1 /-</u></b>	<b><u>B65D 25 /-</u></b>	2017207770 2017207774
2017223863	2017218531	2017215884 2017218652 2017226383 2017226663	2017215462	2017221364	<b><u>B81B 1 /-</u></b>
<b><u>B25G 1 /-</u></b>	<b><u>B29C 59 /-</u></b>	<b><u>B33Y 80 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>B65D 51 /-</u></b>	2017212754
2017221364	2017214105	2017209915	2017229136	2017208698	<b><u>C01B 13 /-</u></b>
<b><u>B25H 1 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B60W 10 /-</u></b>	<b><u>B65D 6 /-</u></b>	2017212146 2017219566
2017223836	2017216906 2017224048	2016392336 2017214830	2017216854	2017227595	<b><u>C01B 3 /-</u></b>
<b><u>B25H 3 /-</u></b>	<b><u>B29C 67 /-</u></b>	<b><u>B41M 5 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65D 65 /-</u></b>	2017222158 2017222376
2016393223	2017209915 2017221105	2016392336 2017214105	2017216854 2017229136	2017215884	<b><u>C01C 1 /-</u></b>
<b><u>B25J 11 /-</u></b>	<b><u>B31F 1 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B60W 40 /-</u></b>	2017215884 2017227087	2017222376
2017226612 2017226695 2017226697 2017227406	2017211346	2017218312	2017231744	<b><u>B65D 81 /-</u></b>	<b><u>C01G 53 /-</u></b>
<b><u>B25J 19 /-</u></b>	<b><u>B32B 1 /-</u></b>	<b><u>B44C 3 /-</u></b>	<b><u>B61D 15 /-</u></b>	2017208698 2017215884 2017217627 2017227087 2017257306	2017218246
2017226612 2017226695 2017226697 2017227406	2017215884 2017218652	2017214105	2017246058	<b><u>B65G 11 /-</u></b>	<b><u>C02F 1 /-</u></b>
<b><u>B25J 9 /-</u></b>	<b><u>B32B 11 /-</u></b>	<b><u>B44C 5 /-</u></b>	<b><u>B61H 13 /-</u></b>	2017218725	2017217836 2017229975
2017226612 2017226695 2017226697 2017227406	2017218652	2017214105 2017218838	2017226294	<b><u>C02F 9 /-</u></b>	2017217836
<b><u>B25J 9 /-</u></b>	<b><u>B32B 21 /-</u></b>	<b><u>B60B 17 /-</u></b>	<b><u>B63B 1 /-</u></b>	2017218725	<b><u>C03B 40 /-</u></b>
2017226612 2017226695 2017226697 2017227406	2017218838 2017224437	2017226534	2017225911	<b><u>B65G 15 /-</u></b>	2017212692
<b><u>B26D 1 /-</u></b>	<b><u>B32B 23 /-</u></b>	<b><u>B60C 11 /-</u></b>	<b><u>B63B 35 /-</u></b>	2017225952 2017226383 2017226663	<b><u>C04B 111 /-</u></b>
2016392254 2017390136	2017218838	2017216717	2017220399	<b><u>B65G 17 /-</u></b>	2017239900
<b><u>B26D 5 /-</u></b>	<b><u>B32B 25 /-</u></b>	<b><u>B60C 15 /-</u></b>	<b><u>B63B 39 /-</u></b>	2017208923 2017221543 2017221545 2017221546	<b><u>C04B 14 /-</u></b>
2017390164	2017218652 2017225952 2017226383 2017226663	2017228213	2017225911	<b><u>C04B 16 /-</u></b>	2017239900
<b><u>B26D 7 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60C 27 /-</u></b>	<b><u>B63G 7 /-</u></b>	2017390137	<b><u>C04B 20 /-</u></b>
2016392254 2017390136 2017390138 2017390139 2017390164	2017215884 2017218652 2017218838 2017225952	2017228213	2017225324	2017208922	<b><u>C04B 22 /-</u></b>
<b><u>B27C 5 /-</u></b>	<b><u>B32B 29 /-</u></b>	<b><u>B60G 17 /-</u></b>	<b><u>B65B 29 /-</u></b>	<b><u>B65G 47 /-</u></b>	2017239900
2017223836	2017218838	2017216157	2017257306	2017208923 2017218725 2017221543 2017221545 2017221546	<b><u>C04B 24 /-</u></b>
<b><u>B28C 7 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B60G 7 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>C04B 28 /-</u></b>	2017239900
2017218218	2017205327 2017214105 2017218838	2017218501	2017227087	<b><u>C04B 35 /-</u></b>	2017239900
<b><u>B29C 33 /-</u></b>	<b><u>B32B 38 /-</u></b>	<b><u>B60G 9 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>C04B 35 /-</u></b>	2017239900
2017209915	2017214105	2017218501	2017224048	<b><u>C04B 41 /-</u></b>	2017218588
<b><u>B29C 35 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B65B 7 /-</u></b>	<b><u>B66B 7 /-</u></b>	2017239900
2017221491	2017214105	2017261902	2017224048	2017217153 2017217175	<b><u>C04B 35 /-</u></b>
<b><u>B29C 39 /-</u></b>	2017205327 2017218652 2017218838	<b><u>B60K 16 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>B66C 13 /-</u></b>	2017218588
2017209915	2017218838	2018214115	2017257306	2017375856	<b><u>C04B 41 /-</u></b>
		<b><u>B60L 8 /-</u></b>	<b><u>B65D 17 /-</u></b>	<b><u>B67D 1 /-</u></b>	2017222212
		2018214115	2017227595	2017207768 2017207769	
		<b><u>B60R 16 /-</u></b>			
		2018214115			

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<b><u>C05D 11 /-</u></b>		2016389434	2017222572	<b><u>C08G 18 /-</u></b>	<b><u>C08L 91 /-</u></b>
2017312474	<b><u>C07D 295 /-</u></b>	2017213628	2017223267	2017239039	2017218908
	2017219204	2017214134	2017225820		
<b><u>C05D 9 /-</u></b>		2017214135	2017227104	<b><u>C08G 59 /-</u></b>	<b><u>C08L 95 /-</u></b>
2017312474	<b><u>C07D 339 /-</u></b>	2017215801	2017228333	2017220532	2017218908
	2016202632	2017215928	2017257938		
<b><u>C05G 3 /-</u></b>		2017235293	2017257942	<b><u>C08G 63 /-</u></b>	<b><u>C09D 11 /-</u></b>
2017312474	<b><u>C07D 401 /-</u></b>	<b><u>C07D 489 /-</u></b>	<b><u>C07K 16 /-</u></b>	2017214566	2016392336
	2017206820	2017214071	2017207330		
<b><u>C07C 11 /-</u></b>	2017215928	<b><u>C07D 491 /-</u></b>	2017214475	<b><u>C08G 64 /-</u></b>	<b><u>C09D 133 /-</u></b>
2017220701	2017217542	2017213628	2017219602	2017214566	2016388392
	<b><u>C07D 403 /-</u></b>	<b><u>C07D 495 /-</u></b>	2017219749	<b><u>C08G 8 /-</u></b>	<b><u>C09D 5 /-</u></b>
<b><u>C07C 227 /-</u></b>	2016385839	2017222526	2017221425	2017210319	2016388392
2017223267	2017213628	2017223293	2017222526	<b><u>C08G 83 /-</u></b>	<b><u>C09J 4 /-</u></b>
	2017217183	2017223846	2017224843	2017221437	2017221491
<b><u>C07C 229 /-</u></b>	2017217542	2017225495	2017231765	<b><u>C08J 11 /-</u></b>	<b><u>C09K 17 /-</u></b>
2017213377	2017219708	<b><u>C07D 497 /-</u></b>	2017242803	2017204940	2017239039
2017223267	<b><u>C07D 405 /-</u></b>	2016385839	<b><u>C07K 19 /-</u></b>	2017218908	<b><u>C09K 21 /-</u></b>
<b><u>C07C 233 /-</u></b>	2017217542	<b><u>C07D 498 /-</u></b>	2017222526	<b><u>C08J 3 /-</u></b>	2017205710
2017213377	2017222962	2017213628	<b><u>C07K 2 /-</u></b>	2017210060	<b><u>C09K 3 /-</u></b>
	<b><u>C07D 407 /-</u></b>	<b><u>C07D 513 /-</u></b>	2017209066	2017218908	<b><u>C09K 5 /-</u></b>
<b><u>C07C 243 /-</u></b>	2016385839	2017222526	2017222526	<b><u>C08K 3 /-</u></b>	2017218588
2017213166	2017217183	2017206820	<b><u>C07K 5 /-</u></b>	2016388392	<b><u>C09K 5 /-</u></b>
<b><u>C07C 247 /-</u></b>	<b><u>C07D 409 /-</u></b>	2017213628	2017228333	2017205327	2017228531
2017213377	2017217183	<b><u>C07D 519 /-</u></b>	2016322708	2017225952	<b><u>C09K 8 /-</u></b>
<b><u>C07C 307 /-</u></b>	2017217542	2017235293	2017213166	2017226383	2017210060
2017219204	<b><u>C07D 413 /-</u></b>	<b><u>C07F 5 /-</u></b>	2017227104	2017226663	2017222630
<b><u>C07C 317 /-</u></b>	2016384928	2017204979	<b><u>C08B 11 /-</u></b>	<b><u>C08L 1 /-</u></b>	2017210987
2017213166	2016385839	<b><u>C07H 21 /-</u></b>	2017218300	2017210987	<b><u>C10C 3 /-</u></b>
<b><u>C07C 321 /-</u></b>	2017206820	2017207757	<b><u>C08F 126 /-</u></b>	<b><u>C08L 23 /-</u></b>	2017218908
2017223267	2017213628	2017218431	2017211686	2016398212	<b><u>C10K 3 /-</u></b>
<b><u>C07C 7 /-</u></b>	2017219708	2017227776	<b><u>C08F 2 /-</u></b>	2017236139	2017222376
2017220701	<b><u>C07D 417 /-</u></b>	<b><u>C07J 31 /-</u></b>	2017221491	<b><u>C08L 33 /-</u></b>	<b><u>C10L 3 /-</u></b>
2017222630	2016202632	2017226922	<b><u>C08F 220 /-</u></b>	2017222630	2017222630
	2016384928	<b><u>C07J 63 /-</u></b>	2017223287	<b><u>C08L 7 /-</u></b>	<b><u>C10M 169 /-</u></b>
<b><u>C07D 207 /-</u></b>	2016385839	2017215529	<b><u>C08F 226 /-</u></b>	2017226383	2017212692
2017213166	2017213628	<b><u>C07J 9 /-</u></b>	2017211686	<b><u>C08L 75 /-</u></b>	<b><u>C12C 13 /-</u></b>
<b><u>C07D 213 /-</u></b>	2017218772	2017218772	<b><u>C08F 299 /-</u></b>	2017214830	2016397057
2017206820	2017222962	<b><u>C07K 1 /-</u></b>	2017214566	2017224357	<b><u>C12C 7 /-</u></b>
2017211686	2018202623	2017209066	<b><u>C08F 6 /-</u></b>	<b><u>C08L 77 /-</u></b>	2016397057
2017213377	<b><u>C07D 453 /-</u></b>	2017213166	2017221491	2017221105	<b><u>C12M 1 /-</u></b>
<b><u>C07D 231 /-</u></b>	2017250514	2017220675	<b><u>C08F 8 /-</u></b>	<b><u>C08L 9 /-</u></b>	2017218682
2017206820	2017215928	2017223267	2017223287	2017225952	2017226663
2017219204	<b><u>C07D 471 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08F 8 /-</u></b>	2017226663	<b><u>C12M 3 /-</u></b>
<b><u>C07D 239 /-</u></b>	2016384928	2017207330			
2017219708	2016389434	2017213826			
	2017206820	2017216653			
<b><u>C07D 261 /-</u></b>	2017213628	2017218431			
2017213628	<b><u>C07D 473 /-</u></b>	2017219851			
	2016385839				
	<b><u>C07D 487 /-</u></b>				
	2016385839				

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<b><u>C12N 1 /-</u></b>	<b><u>C22B 26 /-</u></b>	<b><u>E01B 27 /-</u></b>	<b><u>E05B 73 /-</u></b>	<b><u>F02G 1 /-</u></b>	<b><u>F16H 61 /-</u></b>
2017209742	2017218457	2017246058	2017223387	2016385130	2017229265
2017257938	2017220394	<b><u>E01C 23 /-</u></b>	<b><u>E05F 15 /-</u></b>	<b><u>F03B 17 /-</u></b>	<b><u>F16J 15 /-</u></b>
2017257942	<b><u>C22B 3 /-</u></b>	2017222405	2017231744	2017218698	2017209014
<b><u>C12N 15 /-</u></b>	2016432918	<b><u>E01C 7 /-</u></b>	<b><u>E05G 1 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>F16K 11 /-</u></b>
2017207330	2017218246	2017239900	2017263176	2017218698	2017216887
2017212754	2017218457	<b><u>E02F 9 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F04B 17 /-</u></b>	<b><u>F16K 27 /-</u></b>
2017213646	2017219939	2017209014	2017359769	2017225959	2017216887
2017217868	2017220394	2017209024	<b><u>E21B 23 /-</u></b>	<b><u>F04B 39 /-</u></b>	<b><u>F16K 3 /-</u></b>
2017217940	<b><u>C22C 38 /-</u></b>	2017217225	2016409870	2017225959	2017216887
2017218431	2017226534	<b><u>E03F 3 /-</u></b>	<b><u>E21B 25 /-</u></b>	2017234968	<b><u>F16L 1 /-</u></b>
2017222572	2017249305	2017224356	2017230042	<b><u>F04B 43 /-</u></b>	2017220399
2017227776	<b><u>C23F 3 /-</u></b>	2017224438	<b><u>E21B 37 /-</u></b>	2017217986	<b><u>F16L 13 /-</u></b>
2017228413	2017221274	<b><u>E03F 5 /-</u></b>	2017222630	<b><u>F04B 5 /-</u></b>	2016420402
2017257938	<b><u>C25B 1 /-</u></b>	2017224438	<b><u>E21B 41 /-</u></b>	2016385130	<b><u>F16L 23 /-</u></b>
2017257942	2017222158	<b><u>E04B 1 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F04D 29 /-</u></b>	2016420402
<b><u>C12N 5 /-</u></b>	2017229975	2017205710	<b><u>E21B 47 /-</u></b>	2017249305	<b><u>F16L 25 /-</u></b>
2016387339	<b><u>C25B 9 /-</u></b>	2017251346	<b><u>E04B 2 /-</u></b>	<b><u>F04F 13 /-</u></b>	2017219429
2017209742	2017222158	<b><u>E04B 2 /-</u></b>	2016403079	2017224783	<b><u>F16L 33 /-</u></b>
2017215955	2017229975	2017223278	<b><u>E21B 49 /-</u></b>	<b><u>F15B 7 /-</u></b>	2017219429
2017218682	<b><u>C25B 9 /-</u></b>	2017251346	<b><u>E04C 2 /-</u></b>	2017221107	<b><u>F16L 47 /-</u></b>
2017223846	2017222158	<b><u>E04D 11 /-</u></b>	2017224437	<b><u>F16B 2 /-</u></b>	2017216906
2017224843	2017229975	2017222167	<b><u>E04D 11 /-</u></b>	<b><u>F16B 2 /-</u></b>	2017218501
2017257938	<b><u>D01F 4 /-</u></b>	2017223278	<b><u>E04C 2 /-</u></b>	<b><u>F15B 7 /-</u></b>	<b><u>F16L 53 /-</u></b>
2017257942	2017257938	2017251346	<b><u>E04D 11 /-</u></b>	2017221107	2017219429
<b><u>C12N 9 /-</u></b>	2017257942	<b><u>E04C 2 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>F04F 13 /-</u></b>	<b><u>F16L 25 /-</u></b>
2017214669	<b><u>D06F 33 /-</u></b>	2017224437	2016403079	2017224783	2017219429
2017215529	2017214013	<b><u>E04D 11 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16B 2 /-</u></b>	<b><u>F16L 33 /-</u></b>
2017218431	<b><u>D06F 35 /-</u></b>	2017222167	2016409870	<b><u>F16B 2 /-</u></b>	2017219429
2017221425	2017214013	2017223278	<b><u>E21C 27 /-</u></b>	<b><u>F16B 39 /-</u></b>	<b><u>F16L 53 /-</u></b>
20172226880	<b><u>D06F 37 /-</u></b>	<b><u>E04F 15 /-</u></b>	2017359769	2017249305	<b><u>F16L 55 /-</u></b>
2017228293	2017214013	2017223278	<b><u>E21C 35 /-</u></b>	<b><u>F16C 11 /-</u></b>	2017220378
<b><u>C12P 19 /-</u></b>	<b><u>D06F 35 /-</u></b>	2017222167	2016409870	2017209014	<b><u>F16L 57 /-</u></b>
2017218431	2017214013	2017223278	<b><u>E21C 27 /-</u></b>	2017209024	2017220378
<b><u>C12P 21 /-</u></b>	<b><u>D06F 37 /-</u></b>	<b><u>E04G 1 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F16C 33 /-</u></b>	<b><u>F16L 58 /-</u></b>
2017209066	2017214013	2017208718	2017359769	2017209014	2016420402
<b><u>C12P 7 /-</u></b>	<b><u>D06F 39 /-</u></b>	2017208718	<b><u>E21D 20 /-</u></b>	2017209024	2017218652
2017213646	2017214013	2017247443	2017218453	<b><u>F16G 1 /-</u></b>	2017220378
<b><u>C12Q 1 /-</u></b>	<b><u>D06M 15 /-</u></b>	<b><u>E04G 11 /-</u></b>	<b><u>E21D 21 /-</u></b>	2017226383	<b><u>F16L 9 /-</u></b>
2017205399	2017212036	2017247443	2017218453	2017226663	2017218531
2017217248	<b><u>D06M 23 /-</u></b>	<b><u>E04G 17 /-</u></b>	<b><u>F01C 1 /-</u></b>	<b><u>F16G 13 /-</u></b>	2017222212
2017217868	2017212036	2017247443	2017224783	2017213158	<b><u>F21K 9 /-</u></b>
2017222572	<b><u>D06N 3 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>F01K 25 /-</u></b>	<b><u>F16G 3 /-</u></b>	2017206099
2017248038	2017212036	2017208718	2016385130	2017211346	<b><u>F21S 8 /-</u></b>
<b><u>C21D 9 /-</u></b>	<b><u>D06N 3 /-</u></b>	2017247443	<b><u>F01K 27 /-</u></b>	<b><u>F16H 37 /-</u></b>	2017206099
2017226534	2017212036	2017208718	2017224783	2017225959	2017229265
2017249305	<b><u>D21H 17 /-</u></b>	2017247443	<b><u>F02F 7 /-</u></b>		
<b><u>C22B 1 /-</u></b>	2017223287	<b><u>E04H 15 /-</u></b>			
2017232774	<b><u>D21H 21 /-</u></b>	2016432918			
<b><u>C22B 23 /-</u></b>	2017205710	<b><u>E05B 67 /-</u></b>			
2017218246		2017223387			
2017219939					

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<b><u>F21V 19 /-</u></b>		<b><u>G01W 1 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G07F 17 /-</u></b>	<b><u>H01M 12 /-</u></b>
2017206099	<b><u>G01C 11 /-</u></b>	2017231744	2017210132	2017237735	2017216034
	2017221222		2017215188		
<b><u>F21V 23 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G02B 25 /-</u></b>	2017216247	<b><u>G08B 21 /-</u></b>	<b><u>H01M 2 /-</u></b>
2017206099	2017231744	2017228307	2017216248	2017206112	2017205238
			2017218386		2017287028
<b><u>F21Y 103 /-</u></b>	<b><u>G01F 1 /-</u></b>	<b><u>G02B 5 /-</u></b>	2017252170	<b><u>G10L 19 /-</u></b>	
2017206099	2017210891	2017218312	<b><u>G06F 19 /-</u></b>	2016384679	<b><u>H01M 8 /-</u></b>
	2017210891	2017287528	2016403079		2017216034
<b><u>F23L 7 /-</u></b>	<b><u>G01F 23 /-</u></b>	2017287530	2017206112	<b><u>G21B 1 /-</u></b>	2017253475
2017212146	2016398499	<b><u>G02B 6 /-</u></b>	2017208665	2017210155	
			2017216336		<b><u>H02G 3 /-</u></b>
<b><u>F24F 11 /-</u></b>	<b><u>G01J 3 /-</u></b>	2016391182	<b><u>G06F 21 /-</u></b>	<b><u>G21B 3 /-</u></b>	2017213158
2017205123	2017217455	2016396813	2016402395	2017210155	
2017223347		2017228307	2017210132	<b><u>G21C 1 /-</u></b>	<b><u>H02J 1 /-</u></b>
			2017234653	2017249305	2017225510
<b><u>F24F 7 /-</u></b>	<b><u>G01L 3 /-</u></b>	<b><u>G02C 13 /-</u></b>	2017241549		
2017205123	2017217864	2017287528	2017352545	<b><u>H01B 7 /-</u></b>	<b><u>H02J 7 /-</u></b>
		<b><u>G02C 7 /-</u></b>	<b><u>G06F 3 /-</u></b>	2016389384	2017215605
<b><u>F25B 1 /-</u></b>	<b><u>G01L 5 /-</u></b>	2017218681	2017205133	2017205710	2017218838
2016405033	2017220621	2017287528	2017241549		
		2017287530	2017252170	<b><u>H01F 38 /-</u></b>	<b><u>H02K 11 /-</u></b>
<b><u>F25B 30 /-</u></b>	<b><u>G01M 3 /-</u></b>	<b><u>G05B 11 /-</u></b>	<b><u>G06K 9 /-</u></b>	2017218838	2017225324
2017261902	2017220378	2017205133	2017221222	<b><u>H01H 1 /-</u></b>	<b><u>H02K 55 /-</u></b>
			2017241549	2016392770	2017225324
<b><u>F28C 1 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G05B 15 /-</u></b>	2017252170		
2017232774	2017230042	2017205133	<b><u>G06N 5 /-</u></b>	<b><u>H01H 13 /-</u></b>	<b><u>H02K 7 /-</u></b>
			2017210132	2016392768	2017225324
<b><u>F28C 3 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G05B 19 /-</u></b>	2017210132	2016392770	<b><u>H02K 99 /-</u></b>
2017232774	2017211686	2016403079	<b><u>G06Q 10 /-</u></b>	2016392771	2017225324
	2017217521	2017249034	2017205235	<b><u>H01H 3 /-</u></b>	<b><u>H02M 7 /-</u></b>
<b><u>F28D 11 /-</u></b>	2017222572	<b><u>G05B 23 /-</u></b>	2017217554	2016392768	2016405033
2016385130	2017230042	2017359003	<b><u>G06Q 20 /-</u></b>	2016392771	
	<b><u>G01N 27 /-</u></b>	<b><u>G05D 1 /-</u></b>	2016396133	<b><u>H01H 33 /-</u></b>	<b><u>H02P 25 /-</u></b>
<b><u>F41B 3 /-</u></b>	2017212754	2017226612	2017222421	2017223887	2016405033
2017217992		2017226695	2017222471	2017225327	
	<b><u>G01N 33 /-</u></b>	2017226697	2017223126		<b><u>H02P 27 /-</u></b>
<b><u>F41C 27 /-</u></b>	2017213653	2017227406	2017223127	<b><u>H01H 9 /-</u></b>	2016405033
2017252150	2017217248	<b><u>G05D 23 /-</u></b>	2017235634	2017223887	
	2017217521	2017223347	<b><u>G06Q 30 /-</u></b>	2017225327	<b><u>H02S 10 /-</u></b>
<b><u>F41C 33 /-</u></b>	2017218523	<b><u>G06F 1 /-</u></b>	2017205235	<b><u>H01J 43 /-</u></b>	2016393722
2017263176	2017222572	2017234405	2017223103	2017214764	2018214115
	2017223293	<b><u>G06F 12 /-</u></b>	2017231861		
<b><u>F41G 3 /-</u></b>	2017230042	2016402395	<b><u>G06Q 50 /-</u></b>	<b><u>H01J 49 /-</u></b>	<b><u>H02S 20 /-</u></b>
2017252150	2017245701	2017234405	2017217554	2017214764	2017230684
	<b><u>G01P 13 /-</u></b>	<b><u>G06F 13 /-</u></b>	2017218522		
<b><u>F41J 9 /-</u></b>	2017204960	2017234405	<b><u>G06T 11 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H02S 40 /-</u></b>
2017206621	<b><u>G01R 31 /-</u></b>	<b><u>G06F 15 /-</u></b>	2017249034	2017215677	2016393722
	2017217153	2016398500	<b><u>G06T 17 /-</u></b>	2017225416	2017230684
<b><u>G01B 11 /-</u></b>	2017217175		2017221222	<b><u>H01M 10 /-</u></b>	<b><u>H03K 17 /-</u></b>
2017230042	<b><u>G01V 11 /-</u></b>			2016398499	2017241549
	2016409870			2016398500	
<b><u>G01B 13 /-</u></b>	<b><u>G01V 8 /-</u></b>			2017216034	
2017221222	2017230042				
<b><u>G01B 7 /-</u></b>					
2016398499					



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**H04B 7 /-**

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2017234820

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2017234820

2017237795

**H04L 12 /-**

2016385417

2017205133

2017225254

**H04L 29 /-**

2017225254

**H04L 5 /-**

2017237795

**H04L 9 /-**

2016402395

2017222421

2017223138

2017223158

2017225254

2017234653

**H04M 3 /-**

2017209212

**H04N 19 /-**

2017238088

**H04W 12 /-**

2016402395

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2017235275

**H04W 4 /-**

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2017234059

2017235275

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2017233674

**H04W 56 /-**

2017228738

**H04W 68 /-**

2017233683

**H04W 72 /-**

2017214818

2017228742

2017237795

**H04W 84 /-**

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2017207746

**H05B 37 /-**

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Applications Accepted

Name Index

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**H04H 60/74** ( 2008.01 )  
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2013351920	Progel Pty Ltd	2014367110	Metso Minerals Industries, Inc.
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2014201670	Freedman Electronics Pty Limited	2015205374	Aurigene Discovery Technologies Limited
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2014204368	Superlab Far East Limited	2015206771	Microsoft Technology Licensing, LLC
2014204815	Electrolux Home Products Corporation N. V.	2015208855	Rio Tinto Alcan International Limited
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2014208281	Siemens Aktiengesellschaft	2015215884	Haze Ag Pty Ltd
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2014218403	Fluke Corporation	2015217619	Scott Technology NZ Limited
2014218714	Airxpanders, Inc.	2015222315	Etex Services NV
2014221415	ATI Properties LLC	2015228581	McGarian, B.
2014221531	Hanmi Pharm. Co., Ltd.	2015237135	Bristol, Inc. D/b/a Remote Automation Solutions
2014224392	42 Technology Limited	2015237792	AM Technology Limited
2014227492	Samsung Display Co., Ltd.	2015240382	Innovative Tool Technology Inc.
2014227996	Vapogenix, Inc.	2015261366	Rabhi, V.
2014228357	Johnson & Johnson Surgical Vision, Inc.	2015263371	Nestec S.A.
2014228803	Hipsley, A.	2015272757	UMG ABS, Ltd.
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2014236763	Corbion Biotech, Inc.	2015284451	Micro Motion, Inc.
2014237269	Biomet Biologics, LLC	2015294014	Janssen Vaccines & Prevention B.V.
2014238203	Massachusetts Institute of Technology	2015302487	LG Electronics Inc.
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2014240636	Boston Scientific Scimed, Inc.	2015324511	Raytheon Company
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2014246612	Hubbell Incorporated	2015329528	Council of Scientific & Industrial Research
2014247034	mAbxience S.A.	2015335828	Merck Sharp & Dohme Corp.
2014254262	E. I. du Pont de Nemours and Company	2015340573	Facet-Link Inc.
2014256355	Yang, T.	2015342237	Tracto-Technik GmbH & Co. KG
2014256750	BeiGene, Ltd.	2015344705	Polytech A/S
2014258116	Tovis Co., Ltd.	2015350138	Weatherford Technology Holdings, LLC
2014268137	Hubbell Incorporated	2015352041	Aboca S.p.A Societa Agricola
2014271200	Polywaste Intellectual Property Pty Limited	2015353434	Huawei Technologies Co., Ltd.
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2014301742	Beijing Protgen Ltd.; Yantai Protgen Biotechnology Development Co., Ltd.; Tsinghua University	2015370664	4D Pharma Research Limited
2014304360	Ocado Innovation Limited	2015379894	Kingclean Electric Co., Ltd.
2014308067	Electrolux Appliances Aktiebolag	2015381778	Halliburton Energy Services, Inc.
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2015215884	2013331242 2014200793 2014202234 2014209548 2017200911 2017258807	2013340478 2013377404 2014206781 2014227996 2014239677 2014254262 2014256750 2014338155 2015205374 2015205661 2015369983 2016213862 2016273938	<b>A61L 24 /-</b>		<b>B23D 45 /-</b>
<b>A01F 15 /-</b>			2017258807		2016228763
2014314366 2014314367			<b>A61M 15 /-</b>		<b>B25B 13 /-</b>
<b>A01G 9 /-</b>	<b>A61B 18 /-</b>		2017201521		2015306723
2018200792	2014209548 2014228803		<b>A61M 16 /-</b>	<b>A61P 37 /-</b>	<b>B29B 13 /-</b>
<b>A01J 5 /-</b>			2016204360	2014239677	2014271200
2015217619	<b>A61B 3 /-</b>		<b>A61M 25 /-</b>	<b>A61P 43 /-</b>	<b>B29B 17 /-</b>
<b>A01K 5 /-</b>	2014228357	<b>A61K 33 /-</b>	2014209548	2014206781 2014338155	2014271200 2017258804
2015263371	<b>A61B 5 /-</b>	2016213862	<b>A61M 29 /-</b>		<b>B29B 9 /-</b>
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2016219202		2013351920 2014237269 2015370664	<b>A61M 37 /-</b>	2017204620	<b>B01D 29 /-</b>
<b>A01N 33 /-</b>	<b>A61B 6 /-</b>		2014218714	2015209519	2014353840
2016219202	2014242153	<b>A61K 36 /-</b>	<b>A61M 39 /-</b>	<b>B01D 36 /-</b>	<b>B60C 1 /-</b>
<b>A01N 43 /-</b>	<b>A61B 7 /-</b>	2015352041	2013375293	2015209519	2015366614
2014254262	2013239327	<b>A61K 38 /-</b>	<b>A61M 5 /-</b>	<b>B01D 61 /-</b>	<b>B60P 3 /-</b>
<b>A01N 55 /-</b>	<b>A61B 90 /-</b>	2014204368 2014237269 2015335828 2016273908 2017204620	2013375293	2017202157	2017203952
2016219202	2014202234		<b>A61P 11 /-</b>	<b>B01F 3 /-</b>	<b>B60P 7 /-</b>
<b>A01N 59 /-</b>	<b>A61C 7 /-</b>		2014206781	2017258807	2017203952
2016219202	2017203368 2017261584	<b>A61K 39 /-</b>	<b>A61P 17 /-</b>	<b>B02C 18 /-</b>	<b>B60R 16 /-</b>
<b>A21B 3 /-</b>	<b>A61F 13 /-</b>	2013349733 2013359167 2016231617 2016270147 2017202104 2017202309	2017204620	2017258804	2015203671
2014204815	2014308568		<b>A61P 19 /-</b>	<b>B02C 2 /-</b>	<b>B60R 3 /-</b>
<b>A23L 13 /-</b>	<b>A61F 2 /-</b>		2014237269	2014367110	2015404832
2016204474	2013300021 2014201536 2014218714 2014228357 2014240636 2014323515 2015340573 2016247188 2017203884	<b>A61K 47 /-</b>	<b>A61P 25 /-</b>	<b>B02C 23 /-</b>	<b>B60T 11 /-</b>
<b>A23L 5 /-</b>		2013361107 2014239677 2014338155 2015205661	2013361107 2014239677 2014338155 2015205661	2014367110	2014412853
2014204815		2013377404 2014338155 2016213862	<b>A61P 29 /-</b>	<b>B03D 1 /-</b>	<b>B60T 17 /-</b>
<b>A47J 27 /-</b>			2014239677	2016219647	2014412853
2014204815		<b>A61K 51 /-</b>	<b>A61P 3 /-</b>	<b>B03D 101 /-</b>	<b>B63B 17 /-</b>
<b>A47J 31 /-</b>	<b>A61F 5 /-</b>	2014338155	2016273908	2016219647	2015228581
2017213823	2014229996 2016247188	<b>A61K 8 /-</b>	<b>A61P 31 /-</b>	<b>B03D 103 /-</b>	<b>B63G 13 /-</b>
<b>A47J 37 /-</b>		2017204620	2014239677 2016231617	2016219647	2015228581
2017202208	<b>A61F 9 /-</b>	<b>A61K 9 /-</b>		<b>B05C 17 /-</b>	<b>B64D 3 /-</b>
		2013351920		2017258807	

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2016231570	<b><u>C07D 401 /-</u></b>	<b><u>C08F 291 /-</u></b>	2017202104	2014406026	<b><u>E21B 33 /-</u></b>
<b><u>B65D 75 /-</u></b>	2014254262	2015272757	<b><u>C12N 5 /-</u></b>	<b><u>D06F 39 /-</u></b>	2014415640
2014364137	2015205661				
	<b><u>C07D 403 /-</u></b>	<b><u>C08G 18 /-</u></b>	2014236763	2014308067	<b><u>E21B 34 /-</u></b>
<b><u>B65D 81 /-</u></b>		2015344705	2016204474	2014352034	
	2014254262		2016270147		2014415640
2014364137		<b><u>C08J 3 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D06F 58 /-</u></b>	2015381778
	<b><u>C07D 405 /-</u></b>			2014352034	<b><u>E21B 4 /-</u></b>
<b><u>B65G 1 /-</u></b>		2015366614	2015294014		
	2014254262			<b><u>E01B 27 /-</u></b>	2015342237
2014304360		<b><u>C08L 25 /-</u></b>	<b><u>C12N 9 /-</u></b>	2016271884	<b><u>E21B 41 /-</u></b>
	<b><u>C07D 409 /-</u></b>				
<b><u>B65G 33 /-</u></b>		2015272757	2014236763	<b><u>E01C 11 /-</u></b>	2016206242
	2014254262		2017201713		
2014353840		<b><u>C08L 51 /-</u></b>	<b><u>C12P 21 /-</u></b>	2015204727	<b><u>E21B 43 /-</u></b>
	<b><u>C07D 413 /-</u></b>				
<b><u>B65H 19 /-</u></b>		2015272757	2016203693	<b><u>E02D 29 /-</u></b>	2014339778
	2014256750			2018201493	2015237135
2015383547	2015205374	<b><u>C08L 55 /-</u></b>	<b><u>C12P 7 /-</u></b>		2015381778
				<b><u>E02D 5 /-</u></b>	<b><u>E21B 44 /-</u></b>
<b><u>B65H 20 /-</u></b>	<b><u>C07D 417 /-</u></b>	2015272757	2014236763		
				2014246612	2016206242
2017203952	2014254262	<b><u>C08L 69 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2014268137	
					<b><u>E21B 47 /-</u></b>
<b><u>B67D 1 /-</u></b>	<b><u>C07D 513 /-</u></b>	2015272757	2012360244	<b><u>E02D 7 /-</u></b>	
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2014340059	2015369983	<b><u>C08L 7 /-</u></b>	2013235400	2014246612	2015237135
2017213823			2014406026		2015384170
	<b><u>C07F 9 /-</u></b>	2015366614	<b><u>C21D 11 /-</u></b>	<b><u>E02F 3 /-</u></b>	2016206242
<b><u>B82B 3 /-</u></b>					
	2016234953	<b><u>C08L 75 /-</u></b>	2014221415	2017216425	<b><u>E21B 7 /-</u></b>
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	<b><u>C07H 21 /-</u></b>	2015344705	<b><u>C21D 8 /-</u></b>	<b><u>E02F 9 /-</u></b>	2014415640
<b><u>B82Y 30 /-</u></b>					
	2016203693	<b><u>C08L 9 /-</u></b>	2014221415	2017216425	<b><u>E21C 47 /-</u></b>
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		2015366614	<b><u>C22B 15 /-</u></b>	<b><u>E04B 1 /-</u></b>	2015200304
<b><u>C01G 23 /-</u></b>	<b><u>C07K 1 /-</u></b>				
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<b><u>C02F 1 /-</u></b>	<b><u>C07K 14 /-</u></b>	2012272553	2013388340	2015228581	<b><u>F01L 1 /-</u></b>
2016380409	2014221531	<b><u>C10B 1 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E04H 9 /-</u></b>	2014295818
2017202157	2014301742				
	2015335828	<b><u>C10B 3 /-</u></b>	2013388340	2014357743	<b><u>F03D 1 /-</u></b>
<b><u>C04B 111 /-</u></b>	2016203693		2015381819		
	2016231617	2012272553	<b><u>C22B 59 /-</u></b>	<b><u>E05B 47 /-</u></b>	2015344705
2015237792	2016273908				
		<b><u>C10B 49 /-</u></b>	2015381819	2016238892	<b><u>F04B 23 /-</u></b>
<b><u>C04B 28 /-</u></b>	<b><u>C07K 16 /-</u></b>				
		2012272553	<b><u>C22C 38 /-</u></b>	<b><u>E06B 5 /-</u></b>	2017200157
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	2013359167	<b><u>C10L 5 /-</u></b>	2014221415	2014357743	<b><u>F04B 43 /-</u></b>
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	2014247034	2015329082	<b><u>C25C 3 /-</u></b>	<b><u>E21B 10 /-</u></b>	2017203057
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	2016270147	<b><u>C12M 1 /-</u></b>	2015208855	2014246612	<b><u>F04B 47 /-</u></b>
<b><u>C07D 209 /-</u></b>	2016270147		2015208860	2014268137	
	2017202309	2013235400		<b><u>E21B 17 /-</u></b>	2015237135
2014256750			<b><u>C30B 29 /-</u></b>		
	<b><u>C07K 17 /-</u></b>	<b><u>C12N 1 /-</u></b>		2015240382	<b><u>F04B 49 /-</u></b>
<b><u>C07D 215 /-</u></b>			2016380409	2015381778	
	2013351920	<b><u>C12N 15 /-</u></b>		2016230970	2015237135
2014338155			<b><u>C40B 40 /-</u></b>		
	<b><u>C08F 265 /-</u></b>	2013263346		<b><u>E21B 19 /-</u></b>	<b><u>F04B 9 /-</u></b>
<b><u>C07D 231 /-</u></b>		2014406026	<b><u>C40B 50 /-</u></b>		2015261366
	2015272757	2015329528		2016230970	
2014254262		2016270147			<b><u>F04F 5 /-</u></b>
	<b><u>C08F 290 /-</u></b>	2017201713			
<b><u>C07D 233 /-</u></b>					
	2016240881				
2015205661					

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2015350138	<b><u>G01M 11 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>H04H 60 /-</u></b>
<b><u>F15B 3 /-</u></b>	2014218403	2017204525	2016201312
2015261366	<b><u>G01N 19 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>H04L 12 /-</u></b>
<b><u>F16B 19 /-</u></b>	2017279622	2014256355	2016213912 2016248307
2015222315	<b><u>G01N 21 /-</u></b>	<b><u>G05F 1 /-</u></b>	<b><u>H04L 29 /-</u></b>
<b><u>F16C 32 /-</u></b>	2014218403	2015217597	2014339127 2015302487
2015279199	<b><u>G01N 33 /-</u></b>	<b><u>G06D 1 /-</u></b>	<b><u>H04N 19 /-</u></b>
<b><u>F16C 37 /-</u></b>	2014301742 2015329528	2017202408	2015206771
2015279199	2016270147 2017346940	<b><u>G06F 15 /-</u></b>	<b><u>H04N 5 /-</u></b>
<b><u>F16D 3 /-</u></b>	<b><u>G01R 31 /-</u></b>	2015353434	2016219541
2017234142	2013400106	<b><u>G06F 3 /-</u></b>	<b><u>H04N 7 /-</u></b>
<b><u>F16J 1 /-</u></b>	<b><u>G01S 1 /-</u></b>	2013231179 2016359149	2016201312
2014412853	2014339777	2017218933 2017221867	<b><u>H04R 19 /-</u></b>
<b><u>F24C 15 /-</u></b>	<b><u>G01S 11 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2014201670
2014204815	2014339777	2016201312	<b><u>H04W 72 /-</u></b>
<b><u>F25B 17 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G09F 21 /-</u></b>	2015366770
2015205332	2015324511	2016231570	<b><u>H04W 88 /-</u></b>
<b><u>F25B 35 /-</u></b>	<b><u>G01S 15 /-</u></b>	<b><u>H01B 11 /-</u></b>	2016219683
2015205332	2015324511	2014208281	<b><u>H05B 33 /-</u></b>
<b><u>F25C 1 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>H01B 7 /-</u></b>	2015217597
2014224392	2014339777	2014208281	<b><u>H05B 6 /-</u></b>
<b><u>F25C 5 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>H01G 4 /-</u></b>	2017286520
2017213823	2015324511	2017258816	<b><u>H05K 3 /-</u></b>
<b><u>F28D 1 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>H01L 31 /-</u></b>	2016228763
2014256355	2014290802 2015387501	2015385320	
<b><u>F28D 20 /-</u></b>	<b><u>G01V 3 /-</u></b>	<b><u>H01R 24 /-</u></b>	
2014282952	2016231570	2016231570	
<b><u>F28F 13 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>H02K 9 /-</u></b>	
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<b><u>F41H 13 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>H02M 1 /-</u></b>	
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<b><u>G01F 1 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>H02M 3 /-</u></b>	
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<b><u>G01F 15 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>H03M 7 /-</u></b>	
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<b><u>G01H 11 /-</u></b>		<b><u>H04H 20 /-</u></b>	
2015387501		2016201312	

**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) H J Fischer, LLC  
 (11) AU-B-2018100168  
 (21) 2018100168 (22) 06.02.2018  
 (54) System and method for joining and hanging ducts  
 (51) Int. Cl.  
     *F16L 23/14* ( 2006.01 )  
     *F16L 23/00* ( 2006.01 )  
 (45) 23.08.2018  
 (62) 2017206225  
 (72) Fischer, Herbert J.  
 (74) FB Rice Pty Ltd

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(71) H J Fischer, LLC  
 (11) AU-B-2018100171  
 (21) 2018100171 (22) 06.02.2018  
 (54) System and method for joining and hanging ducts  
 (51) Int. Cl.  
     *F16L 23/14* ( 2006.01 )  
     *F16L 23/00* ( 2006.01 )  
 (45) 23.08.2018  
 (62) 2017206225  
 (72) Fischer, Herbert J.  
 (74) FB Rice Pty Ltd

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(71) JONES, P.  
 (11) AU-B-2017101249  
 (21) 2017101249 (22) 12.09.2017  
 (54) INCONTINENCE AID  
 (51) Int. Cl.  
     *A61F 13/472* ( 2006.01 )  
 (31) 2016903664 (32) 12.09.16 (33) AU  
 (45) 23.08.2018  
 (72) JONES, Pauline  
 (74) Baxter Patent Attorneys Pty Ltd



**Numerical Index**

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2018100168 H J Fischer, LLC  
2018100171 H J Fischer, LLC

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A61F 13 /-

2017101249

F16L 23 /-

2018100168

2018100171

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2014253680 **Pivot Electronics Pty Ltd** ( Phoenix Contact GmbH & Co. KG )
- 2014270811 **DT - Vyhybkarna a Strojirna, a.s.** ( voest Alpine VAE GmbH )
- 2014280848 **Bayer Australia Ltd** ( Abbey Laboratories Pty Ltd )
- 2017202401 **Rotam Agrochem International Company Limited** ( Bayer Intellectual Property GmbH )

**Opposition Withdrawn**

- 2013311479 **Robit Oyj** ( Smoorenburg, R. )

**Patents Granted**

**Standard Patents**

- 2009238194 2010202988 2012338881 2012338950
- 2012340235 2012353004 2012358803 2012361510
- 2012362502 2012382068 2012398334 2013200122
- 2013206314 2013206652 2013211873 2013213767
- 2013223696 2013235368 2013248351 2013251217
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- 2013350941 2013352106 2013354130 2013355206
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- 2014414756 2014415558 2014415580 2015200623
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- 2015237721 2015237723 2015238408 2015238632
- 2015248970 2015249209 2015250244 2015252018
- 2015253194 2015254166 2015256181 2015261882

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- 2015275287 2015278238 2015279401 2015280056
- 2015282783 2015287312 2015292709 2015294454
- 2015295553 2015299320 2015299447 2015300772
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- 2017200189 2017200307 2017200327 2017200376
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- 2017201224 2017201309 2017201563 2017201567
- 2017201705 2017201974 2017201989 2017202103
- 2017202301 2017202664 2017202823 2017202900
- 2017203193 2017203224 2017203459 2017203794
- 2017203985 2017204282 2017204407 2017206201
- 2017245479 2018201087 2018201957

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- 2016102390 2018100584 2018100713 2018100746
- 2018100864 2018100937 2018100963 2018100975
- 2018101000 2018101001 2018101002 2018101003
- 2018101004 2018101005 2018101006 2018101008
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- 2018101030 2018101031 2018101032 2018101033
- 2018101034 2018101039 2018101040

**Assignments Registered**

- 1998097161 Desert Extrusion Corporation The patent has been assigned to **Rotary Corporation**
- 1999019035 Motorola Mobility, Inc. The patent has been assigned to **Google Technology Holdings LLC**
- 2000050507 Desert Extrusion Corporation The patent has been assigned to **Rotary Corporation**
- 2000051907 Desert Extrusion Corporation The patent has been assigned to **Rotary Corporation**
- 2002029193 Desert Extrusion Corporation The patent has been assigned to **Rotary Corporation**
- 2003274663 Shoshany, Haggai The patent has been assigned to **TIP - The Industry Pivot Ltd.**
- 2005206219 Medvet Science Pty Ltd The patent has been assigned to **Autobio Diagnostics Co., Ltd**

**Assignments Registered**

2005297251 NDS Limited The patent has been assigned to **Acano (UK) Limited**

2005316204 Chill Factor Global Pty Ltd The patent has been assigned to **Funtastic Limited**

2006246299 Murray Goulburn Co-Operative Co Limited The patent has been assigned to **Saputo Dairy Australia Pty Limited**

2006269829 Kyphon SARL The patent has been assigned to **Medtronic Holding Company Sàrl**

2006289666 Murray Goulburn Co-Operative Co Limited The patent has been assigned to **Saputo Dairy Australia Pty Limited**

2006341099 NDS Limited The patent has been assigned to **Acano (UK) Limited**

2007260592 MURRAY GOULBURN CO-OPERATIVE CO. LIMITED The patent has been assigned to **Saputo Dairy Australia Pty Limited**

2007294686 Xcovery, Inc. The patent has been assigned to **Equinox Sciences, LLC**

2008265576 ArthroDynamic Technologies, Animal Health Division, Inc. The patent has been assigned to **ArthroDynamic Holdings, LLC**

2008341039 Chill Factor Global Pty Ltd The patent has been assigned to **Funtastic Limited**

2009222621 NDS Limited The patent has been assigned to **Acano (UK) Limited**

2009246053 AGRICULTURE VICTORIA SERVICES PTY LTD; MURRAY GOULBURN CO-OPERATIVE CO. LIMITED The patent has been assigned to **Saputo Dairy Australia Pty Limited; AGRICULTURE VICTORIA SERVICES PTY LTD**

2009246054 AGRICULTURE VICTORIA SERVICES PTY LTD; MURRAY GOULBURN CO-OPERATIVE CO. LIMITED The patent has been assigned to **Saputo Dairy Australia Pty Limited; AGRICULTURE VICTORIA SERVICES PTY LTD**

2010217369 Advanced Fiber Products Limited The patent has been assigned to **Optical Fiber Packaging Limited**

2010217370 Advanced Fiber Products Limited The patent has been assigned to **Optical Fiber Packaging Limited**

2010246920 Smartline Machinery Pty Ltd The patent has been assigned to **Smartline Holdings Pty Ltd**

2010305690 Haussler Innovation GmbH The patent has been assigned to **Progress Maschinen & Automation AG; Haussler Innovation GmbH**

2012220355 Chill Factor Global Pty Ltd The patent has been assigned to **Funtastic Limited**

2012340365 NeuroMetrix, Inc. The patent has been assigned to **Novartis Consumer Health S.A.**

2013204858 Murray Goulburn Co-operative Co. Limited The patent has been assigned to **Saputo Dairy Australia Pty Limited**

2013224631 Chill Factor Global Pty Ltd The patent has been assigned to **Funtastic Limited**

2013232352 Wright Therapy Products, Inc. The patent has been assigned to **Tactile Systems Technology, Inc.**

**Assignments Registered**

2013237874 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Translate Bio, Inc.**

2013262320 Yu, Chongxi; Techfields Pharma Co., Ltd. The patent has been assigned to **Techfields Pharma Co., Ltd.**

2013327323 Fresh Idea Global Limited The patent has been assigned to **IGT**

2013406781 Wright Therapy Products, Inc. The patent has been assigned to **Tactile Systems Technology, Inc**

2014227483 Nuova Simonelli S.p.A The patent has been assigned to **SIMONELLI GROUP S.P.A.**

2014317574 Fresh Idea Global Limited The patent has been assigned to **IGT**

2014368202 Mitsubishi Heavy Industries, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.**

2014390837 Li, Hangyue; Li, Tianwei The patent has been assigned to **Shenzhen Cyclone Fluid Technology Co., Ltd**

2015101297 Hou, Steve The patent has been assigned to **PUNCTUREFREE EUROPEAN PTY LIMITED**

2015101838 Aerobugs Pty Ltd The patent has been assigned to **Drone Agriculture Pty Ltd**

2016100038 MAMCK Pty Ltd The patent has been assigned to **Shoebuddy Limited**

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

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

2002243646 The Government of The United States of America, as Represented by The Secretary, Department of Health and Human Services ( Millennium Pharmaceuticals, 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.

2005231424 **Relypsa, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2017

For the goods VELTASSA patiromer (assorbitex calcium)

2009282721 **Relypsa, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2012

For the goods VELTASSA patiromer (as sorbitex calcium)

2013204877 **Relypsa, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2017

For the goods VELTASSA patiromer (as sorbitex calcium)

**Applications Accepted**

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

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

### Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

#### Applications Accepted

2012228065 **Norgine BV**

The earliest first regulatory approval date provided by the patentee 09 Jan 2018

For the goods PLENVU powder

Address for service : Madderns Patent & Trade Mark Attorneys GPO  
Box 2752 ADELAIDE SA 5001 AU

#### Extensions granted

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

2010313571 **Merck Sharp & Dohme Corp.**

The earliest first regulatory approval date provided by the patentee 23 Aug 2017

For the goods ISENTRESS HD raltegravir

Extension of Term of patent pursuant to Section 77 expires on 23 Aug 2032

2012344260 **Merck Patent GmbH**

The earliest first regulatory approval date provided by the patentee 03 Jan 2018

For the goods BAVENCIO avelumab (rch)

Extension of Term of patent pursuant to Section 77 expires on 03 Jan 2033

2016206321 **Purdue Pharma L.P.**

The earliest first regulatory approval date provided by the patentee 22 Oct 2013

For the goods OXYCONTIN oxycodone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 22 Oct 2028

#### Applications opposed

The following application(s) for Extension of Term have been opposed under Section 75.

2013207554 **Ipsen Biopharm Ltd.**

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

For the goods ONIVYDE Irinotecan (as sucrosafate)

Notice of Opposition filed on 09 Aug 2018 by Richard Smoorenburg

### Corrigenda

In Vol 30 , No 18 , Page(s) 2499 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PSIOXUS THERAPEUTICS LIMITED, Application No. 2014338864, under INID (72) correct the co-inventor to Nicolson, Tamara

In Vol 31 , No 10 , Page(s) 1558 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Siemens AG Österreich, Application No. 2015319952, under INID (71) correct the applicant name to Siemens AG Österreich

In Vol 31 , No 26 , Page(s) 3899 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Eng Kah Enterprises Sdn Bhd, Application No. 2016333713, under INID (71) correct the applicant name to Eng Kah Enterprise Sdn Bhd

### Corrigenda

In Vol 32 , No 29 , Page(s) 4188 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Forty Seven Inc., Application No. 2017206631, under INID (71) correct the applicant name to Forty Seven, Inc.

In Vol 32 , No 30 , Page(s) 4293 under the heading **Amendments - Application for Amendments** Under the name Exelixis, Inc., Application No. 2011278950 correct the date of the statements filed to read 17 Jul 2018 and 19 Jul 2018

In Vol 32 , No 30 , Page(s) 4413 under the heading **Applications Accepted - Name Index** Under the name Siemens AG Österreich, Application No. 2015319952, under INID (71) correct the applicant name to Siemens AG Österreich

In Vol 32 , No 31 , Page(s) 4461 under the heading **Amendments - Application for Amendments** Under the name Epiroc Drilling Tools LLC, Application No. 2010217782 correct the date of the statements filed to read 12 Oct 2017, 08 Jan 2018, 04 Apr 2018 and 22 Jun 2018

In Vol 32 , No 31 , Page(s) 4501 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Hollister Incorporated, Application No. 2017213731, under INID (72) correct the co-inventor to Moller-Jensen, Peter

In Vol 32 , No 4 , Page(s) 579 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Monsanto Technology LLC, Application No. 2016297195, under INID (72) correct the co-inventor to Evdokimov, Artem G.

### Specifications Republished

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

2013273489	<b>F. Hoffmann-La Roche AG</b>
2013292350	<b>Relypsa, Inc.</b>
2014211324	<b>Sanofi</b>
2015252287	<b>BASF SE</b>
2016235027	<b>Water Pik, Inc.</b>

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P/00/039  
Section 105

**Section 105(1A) *Patents Act 1990* (Cth)**

**Advertisement pursuant to Part 34, Rule 34.41 of the *Federal Court Rules 2011***

**Identity of Proceeding in which application will be made:**

Federal Court of Australia  
Victorian District Registry  
General Division  
No. VID 436 of 2018

**Parties to Proceedings**

Technological Resources Pty Ltd (Appellant)  
Raymond Ludwig John Tettman (Respondent)

**Particulars of Amendments Sought:**

Technological Resources Pty Ltd, the applicant of Australian Patent Application No. 2011261171 will seek an order under Section 105(1A) of the *Patents Act 1990* (Cth) directing amendment of Australian Patent Application No. 2011261171 as follows:

Delete pages 25 to 36 and insert new pages 25 to 32, lodged herewith.

**Address for service for party seeking amendments**

MinterEllison  
Rialto Towers, 525 Collins Street  
Melbourne, Victoria 3000

Attn: Robert Cooper

Any person intending to oppose the application who is not a party to the proceedings must, not later than 28 days after publication of this advertisement, give written notice of that intention to the Commissioner of Patents and to the persons who are parties to the proceedings.

CLAIMS

1. A method of mining that comprises:
- 5 (a) mining ore;
  - (b) reducing the size of mined ore in a crushing step and producing a crushed ore having a primary crushed ore particle size;
  - 10 (c) assessing the grade of successive segments of the crushed ore by direct assessment of grade as the crushed ore is transported along a pathway;
  - (d) separating each segment of the crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment;
  - 15 (e) processing separated segments in a downstream processing plant and producing upgraded material.
2. The method defined in claim 1 wherein processing step (e) comprises processing at least one separated
- 25 segment by wet processing the segment in a wet processing plant.
3. The method defined in claim 1 wherein processing step (e) comprises processing at least one separated
- 30 segment by dry sorting particles of the segment.
4. The method defined in claim 1 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is above the first grade threshold
- 35 and producing upgraded material that is above a second grade threshold.

5. The method defined in claim 4 wherein processing step (e) comprises processing at least one separated segment that is below the first grade threshold by processing steps other than dry sorting on a particle basis, such as by wet concentration steps, and producing upgraded material.

6. The method defined in claim 4 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is below the first grade threshold and producing upgraded material.

7. The method defined in claim 3 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and separately dry sorting particles from at least one segment that is below the first grade threshold and, in each case, producing upgraded material that is above a second grade threshold.

8. The method defined in any one of the preceding claims wherein the mined ore is iron ore.

9. The method defined in claim 8 wherein the iron ore is "low grade" iron ore.

10. The method defined in claim 8 wherein the low grade iron ore is a mixture of "high grade" and "waste" iron ore.

11. The method defined in any one of the preceding claims includes analysing the grade of an unmined section of a mine and classifying the section into blocks of high grade, low grade and waste ore, mining the ore within each region, and processing the mined ore from each block inside or outside the mine depending on the grade determination.



5 12. The method defined in any one of the preceding claims comprises transporting the crushed ore along the pathway as a bed of material on a conveyor belt.

10 13. The method defined in claim 12 wherein grade assessment step (c) comprises assessing the grade of successive segments of the crushed ore by analysing the entire bed depth.

15 14. The method defined in any one of the preceding claims wherein grade assessment step (c) comprises assessing the grade of successive segments of the crushed ore by Prompt Gamma Neutron Analysis (PGNA).

20 15. The method defined in any one of the preceding claims wherein size reduction step (b) is a primary crushing step.

25 16. The method defined in any one of the preceding claims wherein, in the case of iron ore, the size of the segments is at least 5 tonnes.

30 17. The method defined in any one of the preceding claims wherein separation step (d) includes dry sorting the segments via a splitter system that splits segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.

18. The method defined in any one of the preceding claims comprising a step of stockpiling mined ore before size reduction step (b).

19. A method of separating a mined ore that comprises:

- 5 (a) reducing the size of mined ore in a crushing step and producing a crushed ore having a primary crushed ore particle size;
- 10 (b) assessing the grade of successive segments of the crushed ore by direct assessment of grade as the crushed ore is transported along a pathway, and
- 15 (c) separating each segment of the crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment; and
- 20 (d) processing separated segments in a downstream processing plant and producing upgraded material.

25 20. The method defined in claim 19 wherein processing step (d) comprises wet processing at least one separated segment in a wet processing plant and producing upgraded material.

30 21. The method defined in claim 19 wherein processing step (d) comprises processing at least one separated segment by dry sorting particles of the segment and producing upgraded material.

35 22. The method defined in claim 21 wherein processing step (d) comprises dry sorting particles from at least one separated segment that is above the first grade threshold

and producing upgraded material that is above a second grade threshold.

5 23. The method defined in claim 22 wherein processing step (d) comprises processing at least one separated segment that is below the first grade threshold by processing steps other than dry sorting on a particle basis, such as by wet concentration steps, and producing upgraded material.

10

24. The method defined in claim 22 wherein processing step (d) comprises dry sorting particles from at least one separated segment that is below the first grade threshold and producing upgraded material.

15

25. The method defined in claim 21 wherein processing step (d) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and separately dry sorting particles from at least one segment that is below the first grade threshold and, in each case, producing upgraded material that is above a second grade threshold.

20

26. The method defined in any one of claims 19 to 25 wherein the mined ore is iron ore.

25

27. The method defined in claim 26 wherein the iron ore is "low grade" iron ore.

30 28. The method defined in claim 27 wherein the low grade iron ore is a mixture of "high grade" and "waste" iron ore.

30

35 29. The method defined in any one of claims 19 to 28 includes analysing the grade of an unmined section of a mine and classifying the section into blocks of high grade, low grade and waste ore, mining the ore within each

35

region, and processing the mined ore from each block inside or outside the mine depending on the grade determination.

5 30. The method defined in any one of claims 19 to 29 comprises transporting the crushed ore along the pathway as a bed of material on a conveyor belt.

10 31. The method defined in claim 30 wherein grade assessment step (b) comprises assessing the grade of successive segments of the crushed ore by analysing the entire bed depth.

15 32. The method defined in any one of claims 19 to 31 wherein grade assessment step (b) comprises assessing the grade of successive segments of the crushed ore by Prompt Gamma Neutron Analysis (PGNA).

20 33. The method defined in any one of claims 19 to 32 wherein size reduction step (a) is a primary crushing step.

25 34. The method defined in any one of claims 19 to 33 wherein, in the case of iron ore, the size of the segments is at least 5 tonnes.

30 35. The method defined in any one of claims 19 to 34 wherein separation step (c) includes dry sorting the segments via a splitter system that splits segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.

35 36. The method defined in any one of claims 19 to 35 comprising transferring mined ore from a stockpile to size reduction step (a).

37. An apparatus for separating a mined ore that comprises:

- 5 (a) a crusher for crushing mined ore to crushed ore having a primary crushed ore particle size;
- 10 (b) a grade assessment system for assessing the grade of successive segments of the crushed ore by direct assessment of grade as the crushed ore is transported along a pathway, and
- 15 (c) a separation system for separating each segment of the crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment; and
- 20 (d) a processing plant for processing at least one separated segment that is above the first grade threshold and producing upgraded material.

25

38. The apparatus defined in claim 37 wherein the processing plant is a dry sorter for dry sorting particles from the at least one separated segment that is above the first grade threshold and producing upgraded material.

30

39. The apparatus defined in claim 37 wherein the processing plant is a wet processing plant for processing the at least one separated segment that is above the first grade threshold and producing upgraded material.

35

40. The apparatus defined in any one of claims 37 to 39 wherein the crusher includes a primary crusher for

crushing mined ore to the primary crushed ore particle size.

41. The apparatus defined in any one of claims 37 to  
5 40 includes a splitter system for splitting segments that  
are at or above the first grade threshold into one chute  
and segments that are below the first grade threshold into  
another chute.

10

## CLAIMS

5 1. ~~\_\_\_\_\_ A method of separating a mined material as described herein that comprises:~~

10           ~~(a) assessing the grade of successive segments of the mined material as the mined material is transported along a pathway, and~~

15           ~~(b) separating each segment on the basis of grade into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segments; and~~

20           ~~(c) dry sorting particles from at least one segment and producing upgraded material.~~

25 2. ~~\_\_\_\_\_ The method defined in claim 1 wherein dry sorting step (c) comprises dry sorting particles from at least one segment that is above the first grade threshold and producing upgraded material that is above a second grade threshold.~~

30 3. ~~\_\_\_\_\_ The method defined in claim 2 comprises processing segments that are below the first grade threshold by processing steps other than dry sorting on a particle basis, such as by wet concentration steps, and producing upgraded material.~~

35 4. ~~\_\_\_\_\_ The method defined in any one of the preceding claims wherein dry sorting step (c) comprises dry sorting particles from at least one segment that is below the first grade threshold and producing upgraded material that is above a second grade threshold.~~

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5. ~~———— The method defined in claim 1 wherein dry sorting step (c) comprises dry sorting particles from at least one segment that is above the first grade threshold and~~  
 5 ~~separately dry sorting particles from at least one segment that is below the first grade threshold and, in each case, producing upgraded material that is above a second grade threshold.~~
- 10 6. ~~———— The method defined in claim 5 wherein the second grade threshold is higher than the first grade threshold.~~
7. ~~———— The method defined in any one of the preceding claims wherein the mined material is iron ore.~~
- 15 8. ~~———— The method defined in claim 7 wherein the iron ore is "low grade" iron ore.~~
9. ~~———— The method defined in claim 8 wherein the low~~  
 20 ~~grade iron ore is a mixture of "high grade" and "waste" iron ore.~~
10. ~~———— The method defined in any one of the preceding claims includes analysing the grade of an unmined section~~  
 25 ~~of a mine and classifying the section into blocks of high grade, low grade and waste ore, mining the ore within each region, and processing the mined ore from each block inside or outside the mine depending on the grade determination.~~
- 30 11. ~~———— The method defined in any one of the preceding claims comprises transporting the mined material along the pathway as a bed of material on a conveyor belt.~~
- 35 12. ~~———— The method defined in claim 11 wherein grade assessment step (a) comprises assessing the grade of~~



~~successive segments of the mined material by analysing the entire bed depth of the mined material.~~

5 13. ~~The method defined in in any one of the preceding claims wherein grade assessment step (a) comprises assessing the grade of successive segments of the mined material by Prompt Gamma Neutron Analysis (PGNA).~~

10 14. ~~The method defined in any one of the preceding claims includes a size reduction step of the mined material before transporting the size reduced material along the pathway.~~

15 15. ~~The method defined in claim 14 wherein the size reduction step is a primary crushing step whereby the primary crushed mined material is supplied to the grade assessment step (a).~~

20 16. ~~The method defined in any one of the preceding claims wherein separation step (b) includes dry sorting the segments via a splitter system that splits segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.~~

25 17. ~~The method defined in claim 16 includes dry sorting mined material in the form of primary crushed iron ore at a rate of up to 2000 tph.~~

30 18. ~~The method defined in any one of the preceding claims wherein separation step (b) separates the segments into three categories of "high grade" material, "waste" material and "mixed grade" material, where the high grade material and the mixed grade material are above the first grade threshold (on a mass average basis for the segments) and the waste material is below the first grade threshold.~~

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19. ~~An apparatus for separating a mined material as described herein that comprises:~~

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~~(a) a grade assessment system for assessing the grade of successive segments of the mined material as the mined material is being transported along a pathway, and~~

10

~~(b) a separation system for separating each segment on the basis of grade into a category that is at or above a first grade threshold or a category that is below the first grade threshold, the separation system including a dry sorter, and~~

15

~~(c) a dry sorter for dry sorting particles from at least one segment that is above the first grade threshold and producing upgraded material.~~

20

20. ~~The apparatus defined in claim 19 includes a primary crusher for crushing mined material to a primary crush size for the grade assessment system.~~

25

21. ~~The apparatus defined in claim 19 or claim 20 includes a splitter system for splitting segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.~~

30

22. ~~A method of mining that comprises:~~

35

~~(a) mining ore, and~~

~~(b) separating segments of the mined ore by dry sorting the segments and dry sorting particles from at least one segment and~~

~~producing upgraded material in accordance with the method defined in any one of claims 1 to 18.~~

5 2319. A method of separating a mined material ore as described herein that comprises:

10 (a) reducing the size of mined ore in a crushing step and producing a crushed ore having a primary crushed ore particle size;

15 ~~(a)~~ (b) assessing the grade of successive segments of the crushed ore by direct assessment of grade as the crushed ore is transported along a pathway ~~the mined material, and~~

20 ~~(b)~~ (c) separating each segment of the crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment; and

25 ~~(c)~~ (d) processing at least one separated segments in a downstream processing plant and producing upgraded material.

30 204. The method defined in claim 2319 wherein processing step (ed) comprises wet processing ~~the~~ at least one separated segment in a wet processing plant and producing upgraded material.

35 215. The method defined in claim 2319 wherein processing step (ed) comprises processing ~~the~~ at least one

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separated segment by dry sorting particles of the segment and producing upgraded material.

5    226.        The method defined in claim 215 wherein ~~dry sorting~~processing step (de) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and producing upgraded material that is above a second grade threshold.

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237.        The method defined in claim 225 ~~wherein processing step (d) or claim 26~~ that comprises processing at least one separated segments that ~~is~~are below the first grade threshold by processing steps other than dry sorting on a particle basis, such as by wet concentration steps, and producing upgraded material.

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20    248.        The method defined in claim 225 ~~or claim 26~~ wherein ~~dry sorting~~processing step (de) comprises dry sorting particles from at least one separated segment that is below the first grade threshold and producing upgraded material ~~that is above a second grade threshold.~~

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259.        The method defined in claim 215 wherein ~~dry sorting~~processing step (de) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and separately dry sorting particles from at least one segment that is below the first grade threshold and, in each case, producing upgraded material that is above a second grade threshold.

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~~30.        The method defined in claim 29 wherein the second grade threshold is higher than the first grade threshold.~~

3126. The method defined in any one of claims 2319 to 3025 wherein the mined material ore is iron ore.

5 3227. The method defined in claim 3126 wherein the iron ore is "low grade" iron ore.

10 3328. The method defined in claim 3127 wherein the low grade iron ore is a mixture of "high grade" and "waste" iron ore.

15 3429. The method defined in any one of claims 2319 to 3328 includes analysing the grade of an unmined section of a mine and classifying the section into blocks of high grade, low grade and waste ore, mining the ore within each region, and processing the mined ore from each block inside or outside the mine depending on the grade  
20 determination.

~~35. The method defined in any one of claims 23 to 34 wherein the grade assessment of step (a) is a direct  
25 assessment of grade.~~

~~36. The method defined in any one of claims 23 to 34 wherein the grade assessment of step (a) is an indirect  
30 grade assessment based on detected information that provides an indication of grade.~~

307. The method defined in any one of claims 2319 to 3629 comprises transporting the ~~the~~ mined material crushed ore along the pathway as a bed of material on a conveyor  
35 belt.

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31~~8~~. The method defined in claim 30~~7~~ wherein grade assessment step (ba) comprises assessing the grade of successive segments of the the mined material~~crushed ore~~ by analysing the entire bed depth ~~of the mined material~~.

5

39~~32~~. The method defined in any one of claims 23~~19~~ to 31~~8~~ wherein grade assessment step (ba) comprises assessing the grade of successive segments of the the mined material~~crushed ore~~ by Prompt Gamma Neutron Analysis (PGNA).

10

~~40. The method defined in any one of claims 23 to 39 includes a size reduction step of the mined material before transporting the feed material along the pathway.~~

15

41~~33~~. The method defined in any one of claims 19 to 32 40 wherein ~~the size reduction step~~ (a) is a primary crushing step whereby ~~the primary crushed mined material is supplied to the grade assessment step (a)~~.

20

~~42. The method defined in any one of claims 23 to 41 wherein the size of the segments of the mined material is determined on the basis of the mass of the segments.~~

25

43~~34~~. The method defined in any one of claims 23~~19~~ to 42~~33~~ wherein, in the case of iron ore, the size of the segments is at least 5 tonnes.

30

~~44. The method defined in claim 43 wherein the segment size is 20 tonnes.~~

35

~~45. The method defined in any one of claims 23 to 41 wherein the size of the segments of the mined material is determined on the basis of the amount of mined material~~

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~~that passes an assessment point on the pathway in a given time period.~~

~~46. The method defined in any one of claims 23 to 41 wherein the size of the segments of the mined material is determined on the basis of the load capacity of an excavator that loads mined ore into trucks after a drilling and blasting operation in a pit.~~

10 4735. The method defined in any one of claims ~~23~~19 to ~~46~~34 wherein separation step (c**b**) includes dry sorting the segments via a splitter system that splits segments that are at or above the first grade threshold into one chute and segments that are below the first grade  
15 threshold into another chute.

~~48. The method defined in claim 47 includes dry sorting mined material in the form of primary crushed iron ore at a rate of up to 2000 tph.~~

~~49. The method defined in any one of claims 23 to 48 wherein separation step (b) separates the segments into three categories of "high grade" material, "waste" material and "mixed grade" material, where the high grade material and the mixed grade material are above the first grade threshold (on a mass average basis for the segments) and the waste material is below the first grade threshold.~~

30 36. The method defined in any one of claims 19 to 35 comprising transferring mined ore from a stockpile to size reduction step (a).

~~50. The method defined in any one of claims 23 to 49 wherein separation step (b) is a dry sorting step.~~

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5137. An apparatus for separating a mined material ore as ~~described herein~~ that comprises:

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(a) a crusher for crushing mined ore to crushed ore having a primary crushed ore particle size;

10

~~(a)~~ (b) a grade assessment system for assessing the grade of successive segments of the the mined material crushed ore by direct assessment of grade as the crushed ore is transported along a pathway, and

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~~(b)~~ (c) a separation system for separating each segment of the crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment; and

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~~(c)~~ (d) a processing plant for processing at least one separated segment that is above the first grade threshold and producing upgraded material.

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5238. The apparatus defined in claim 51-37 wherein the processing plant is a dry sorter for dry sorting particles from the at least one separated segment that is above the first grade threshold and producing upgraded material.

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5339. The apparatus defined in claim 51-37 wherein the processing plant is a wet processing plant for processing the at least one separated segment that is above the first grade threshold and producing upgraded material.



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5440. The apparatus defined in any one of claims 51-37 to 5339 wherein the crusher includes a primary crusher for crushing mined material ore to the a primary crushed ore particle size for the grade assessment system.

5541. The apparatus defined in any one of claims 51-37 to 54-40 includes a splitter system for splitting segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.

561. A method of mining that comprises:

- (a) mining ore;
- (b) reducing the size of mined ore in a crushing step and producing a crushed ore having a primary crushed ore particle size;
- (c) assessing the grade of successive segments of the crushed ore by direct assessment of grade as the crushed ore is transported along a pathway;
- (d) separating each segments of the mined crushed ore on the basis of grade of the segment into a category that is at or above a first grade threshold or a category that is below the first grade threshold by dry sorting the segment; and
- ~~(e)~~ processing at least one of these separated segments in a downstream processing plant in accordance with the method defined in any one of claims 1 to 50 and producing upgraded material.

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57. ~~The method defined in claim 56 wherein the step of processing at least one of the separated segments comprises dry sorting particles of the segment.~~

5 582. The method defined in claim 56-1 wherein processing the step (e) of comprises processing particles at least one of the separated segments comprises by wet processing the segment in a wet processing plant.

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3. The method defined in claim 1 wherein processing step (e) comprises processing at least one separated segment by dry sorting particles of the segment.

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4. The method defined in claim 1 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and producing upgraded material that is above a second grade threshold.

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5. The method defined in claim 4 wherein processing step (e) comprises processing at least one separated segment that is below the first grade threshold by processing steps other than dry sorting on a particle basis, such as by wet concentration steps, and producing upgraded material.

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6. The method defined in claim 4 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is below the first grade threshold and producing upgraded material.

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7. The method defined in claim 3 wherein processing step (e) comprises dry sorting particles from at least one separated segment that is above the first grade threshold and separately dry sorting particles from at least one segment that is below the first grade threshold and, in

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each case, producing upgraded material that is above a second grade threshold.

5 8. The method defined in any one of the preceding claims wherein the mined ore is iron ore.

9. The method defined in claim 8 wherein the iron ore is "low grade" iron ore.

10 10. The method defined in claim 8 wherein the low grade iron ore is a mixture of "high grade" and "waste" iron ore.

15 11. The method defined in any one of the preceding claims includes analysing the grade of an unmined section of a mine and classifying the section into blocks of high grade, low grade and waste ore, mining the ore within each region, and processing the mined ore from each block inside or outside the mine depending on the grade  
20 determination.

12. The method defined in any one of the preceding claims comprises transporting the crushed ore along the pathway as a bed of material on a conveyor belt.

25 13. The method defined in claim 12 wherein grade assessment step (c) comprises assessing the grade of successive segments of the crushed ore by analysing the entire bed depth.

30 14. The method defined in any one of the preceding claims wherein grade assessment step (c) comprises assessing the grade of successive segments of the crushed ore by Prompt Gamma Neutron Analysis (PGNA).

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15. The method defined in any one of the preceding claims wherein size reduction step (b) is a primary crushing step.

5 16. The method defined in any one of the preceding claims wherein, in the case of iron ore, the size of the segments is at least 5 tonnes.

10 17. The method defined in any one of the preceding claims wherein separation step (d) includes dry sorting the segments via a splitter system that splits segments that are at or above the first grade threshold into one chute and segments that are below the first grade threshold into another chute.

15 18. The method defined in any one of the preceding claims comprising a step of stockpiling mined ore before size reduction step (b).

20 ~~59. A method of separating a mined material in the form of copper-containing ore as described herein that comprises:~~

~~(a) a size reduction step of the mined material;~~

~~(b) assessing the grade of successive segments of the mined material as the mined material is transported along a pathway, and~~

~~(c) separating each segment on the basis of grade into a category that is at or above a first grade threshold or a category that is below the first grade threshold.~~

35 ~~60. The method defined in claim 59 further comprises processing at least one separated segment in a downstream processing plant and producing upgraded material.~~

5 61. ~~———— The method defined in claim 59 further comprises processing at least one separated segment in a wet processing plant and producing upgraded material.~~

10 62. ~~———— The method defined in claim 60 also comprises dry sorting particles from at least one separated segment and producing upgraded material in a downstream dry processing plant.~~

15 63. ~~———— An apparatus for separating a mined material in the form of copper containing ore as described herein that comprises:~~

20 (a) ~~———— an apparatus for reducing the size of the mined material,~~

25 (b) ~~———— a grade assessment system for assessing the grade of successive segments of the size-reduced mined material as the mined material is transported along a pathway, and~~

30 (c) ~~———— a separation system for separating each segment on the basis of grade into a category that is at or above a first grade threshold or a category that is below the first grade threshold.~~

35 64. ~~———— The apparatus defined in claim 63 further comprises a downstream processing plant for producing upgraded material from at least one separated segment.~~

65. ~~———— The apparatus defined in claim 64 wherein the downstream processing plant comprises a wet processing plant.~~

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66. ~~The apparatus defined in claim 64 wherein the downstream processing plant comprises a dry sorter.~~

5 67. ~~The apparatus defined in claim 64 wherein the downstream processing plant comprises a dry sorter for dry sorting particles from at least one separated segment that is above the first grade threshold and producing upgraded material.~~

10 68. ~~A method of mining that comprises:~~

~~(a) mining ore, and~~

15 ~~(b) reducing the size of mined material and separating segments of the mined ore in accordance with the method defined in any one of claims 59 to 62.~~

20 69. ~~The method defined in claim 68 that comprises dry sorting separated segments of the mined ore.~~