



**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.

**Official Notice**

**Changes in PCT Fees**

In accordance with the directives adopted by the PCT Assembly at its Fortieth Session (held from September 22 to October 1, 2009), new equivalent amounts in AUD will be established with effect from **1 May 2021**, as follows:

<b>International PCT Fees</b>
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1.	<b>Transmittal</b> Fee	\$200
2.	<b>International Search</b> Fee	\$2200
3.	<b>International</b> Filing Fee	\$1860
If the application contains 30 Pages or less including the request form		
E-filing reductions		
	Electronic filings filed in PDF format via ePCT	\$280
	Electronic filings filed in XML format via ePCT	\$420
PLUS		
	For each page in the application in excess of 30 Sheets	\$21
4.	Cost of Preparing <b>Certified Copy</b> of Basic Document	\$50 per document
5.	Copies of <b>Specifications</b> cited in the International Search Report	\$50 per copy

<b>International Preliminary Examination Fees</b>
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- |    |   |       |
|----|---|-------|
| 1. | International Preliminary <b>Examination</b> Fee              |       |
|    | If the International Search was performed by IP Australia     | \$590 |
|    | If the International search was not conducted by IP Australia | \$820 |
| 2. | International Preliminary <b>Handling</b> Fee                 | \$280 |

Total If Search performed by IP Australia	\$870	Total if Search not performed by IP Australia	\$1100
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PCT Team Leader  
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**Phone:** 1300 651 010  
**E-mail:** [pct@ipaustrialia.gov.au](mailto:pct@ipaustrialia.gov.au)  
**Web:** [www.ipaustrialia.gov.au](http://www.ipaustrialia.gov.au)

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 1 April 2021

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Michele Caboni* [2021] APO 15**

Patent Application: 2012389957

Title: Connector with projections of conical or semi-conical section

Patent Applicant: Michele Caboni

Delegate: Xavier Gisz

Decision Date: 24 March 2021

Hearing Date: The Applicant did not request to be heard. This decision is based on the Applicant's response filed on 27 April 2020 and 30 March 2020 and also considering the earlier responses.

Catchwords: **PATENTS** – examiner objection – modular elements used to construct a building – the specification relating to the presently claimed invention does not comply with section 40(2)(a) - sub-regulation 13.4 (1)(g) applied to provide applicant with three months to obtain acceptance of 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 16 Mar 2021 .

(71) Aerotech Australia Pty Ltd (21) 2021900798 (22) 18.03.2021 (54) Topical treatment	(71) Autonomous Tensioning System Pty Ltd (21) 2021900780 (22) 17.03.2021 (54) CONVEYOR CLEANING ARRANGEMENT	(71) Caroma Industries Limited; micas AG (21) 2021900738 (22) 15.03.2021 (54) A water consumer system having a water consumer, and method for operating a water consumer system
(71) Aicare health (21) 2021900715 (22) 12.03.2021 (54) A new AI emotion detection method based on C GAN(generative adversarial Networks)	(71) B.M.B Investments Pty Ltd (21) 2021900815 (22) 19.03.2021 (54) Display carton	(71) Collaborative Technologies LLC (21) 2021900751 (22) 16.03.2021 (54) Systems and Methods of Water Cleanup and Filtration Using Membranes Synergised with a Combination of Carbon Allotropes and Nanoparticulate Lattice Doped Mixed Oxides
(71) Ainslie, M. (21) 2021900817 (22) 19.03.2021 (54) GUILLOTINE APPARATUS	(71) Barrowcliffe, M. (21) 2021900669 (22) 09.03.2021 (54) A GOLF STROKE TRAINING APPARATUS	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021900750 (22) 16.03.2021 (54) Method of aging fish or reptiles
(71) Alcoa of Australia Limited (21) 2021900721 (22) 12.03.2021 (54) Method for calcination	(71) Battaglia, S. (21) 2021900748 (22) 16.03.2021 (54) Cap Light Device	(71) Connors, H. (21) 2021900757 (22) 16.03.2021 (54) Cutter assembly
<b>ANDERSON, D. see ANDERSON, A.</b> (21) 2021900718	(71) Bespoke Medical Innovations Pty Ltd (21) 2021900797 (22) 18.03.2021 (54) Nasal CPAP Mask and System thereof	(71) Cripps Clark, J. (21) 2021900732 (22) 14.03.2021 (54) PartnerInTime : Systems to secure components embodying cooperation between different economic entities with implementations and auditing covering the agreed operation of fair and equitable partnerships using emerging digital processing technologies including block chain and further options increasing usefulness.
(71) ANDERSON, A.; ANDERSON, D. (21) 2021900718 (22) 12.03.2021 (54) LARYNGEAL MASK AIRWAY	(71) Calix Ltd (21) 2021900754 (22) 16.03.2021 (54) OPTIMISATION OF MESOPOROUS BATTERY AND SUPERCAPACITOR MATERIALS	(71) Deeper Technologies Australia Pty Ltd (21) 2021900804 (22) 19.03.2021 (54) Data management
(71) Arula Technologies Pty Ltd (21) 2021900719 (22) 12.03.2021 (54) A breast prosthesis and a method of forming a breast prosthesis	(71) Canning, J. (21) 2021900717 (22) 12.03.2021 (54) COATINGS	(71) Defence Science and Technology Group (21) 2021900773 (22) 17.03.2021 (54) Paint formulation
(71) Australian Natural Capital (IP) Pty Ltd (21) 2021900744 (22) 15.03.2021 (54) A METHOD OF MEASURING SOIL	(71) Carlson, B. (21) 2021900728 (22) 13.03.2021 (54) Carlson fender poles Stainless steel Poles that fit into a boat rod holder to ensure fenders are raised to avoid boat collision.	
(71) Australian Thermal Insulation Manufacturers Pty Ltd (21) 2021900819 (22) 20.03.2021 (54) A PASSIVE FALL PREVENTION DEVICE		

Provisional Applications Filed - Name Index cont'd

(71) Dudson, S.  
(21) 2021900762 (22) 17.03.2021  
(54) A self-adjusting pipe wrench tool

**DYBING, S. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**DYBING, S. see Fonterra Co-operative Group Limited**  
(21) 2021900710

(71) Electro.Aero Pty Ltd  
(21) 2021900752 (22) 16.03.2021  
(54) Hydrofoil

(71) Erickson, B.  
(21) 2021900801 (22) 18.03.2021  
(54) Device for Manufacturing Doubly Curved Objects

(71) Eye Pee Pty Ltd  
(21) 2021900807 (22) 19.03.2021  
(54) A Traffic Monitoring Apparatus

(71) farrell, c.  
(21) 2021900733 (22) 14.03.2021  
(54) Mudgutz

**FELICE, D. see SAVA, A.**  
(21) 2021900806

(71) Flenche, K.  
(21) 2021900759 (22) 16.03.2021  
(54) FLUID FLOW APPARATUS

(71) Fonterra Co-operative Group Limited; PURYER COKER, C.; REID, D.; HILL, J.; LEGG, A.; KISHOR, L.; DYBING, S.; HARPER, S.  
(21) 2021900709 (22) 11.03.2021  
(54) DAIRY PRODUCT AND PROCESS

(71) Fonterra Co-operative Group Limited; PURYER COKER, C.; REID, D.; HILL, J.; LEGG, A.; DYBING, S.; KISHOR, L.; HARPER, S.  
(21) 2021900710 (22) 11.03.2021  
(54) DAIRY PRODUCT AND PROCESS

(71) FRANMARINE UNDERWATER SERVICES PTY LTD  
(21) 2021900746 (22) 15.03.2021  
(54) A cleaning head for a marine cleaning system

(71) Future Fuels CRC Ltd  
(21) 2021900811 (22) 19.03.2021  
(54) Method, device, and system for monitoring an underground asset

(71) Genieus Genomics Pty Ltd  
(21) 2021900742 (22) 15.03.2021  
(54) Combination therapy

(71) GILMORE, S.  
(21) 2021900737 (22) 15.03.2021  
(54) Topical treatment for skin lesions such as stretch marks

(71) Global Orthopaedic Technology Pty Ltd  
(21) 2021900786 (22) 18.03.2021  
(54) Method of treating metal surfaces

**Goldsworthy, S. see Goldsworthy, R.**  
(21) 2021900729

(71) Goldsworthy, R.; Goldsworthy, S.  
(21) 2021900729 (22) 13.03.2021  
(54) Non-gravimetric method for extraction of mycotoxins present in air sample

(71) Golenia, Z.  
(21) 2021900726 (22) 12.03.2021  
(54) Auto Disable Switch

**Grains Research and Development Corporation see The University of Melbourne**  
(21) 2021900775

(71) Gulikov, P.  
(21) 2021900714 (22) 12.03.2021  
(54) Computer System and Method Relating to Adult Entertainment

(71) Hardware By Design Pty Ltd  
(21) 2021900771 (22) 17.03.2021  
(54) A FOLDING TABLE ARRANGEMENT

**HARPER, S. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**HARPER, S. see Fonterra Co-operative Group Limited**  
(21) 2021900710

**HILL, J. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**HILL, J. see Fonterra Co-operative Group Limited**  
(21) 2021900710

(71) HINCHCLIFFE, D.  
(21) 2021900696 (22) 11.03.2021  
(54) Spectacles flotation aid

(71) Holloway, D.  
(21) 2021900783 (22) 18.03.2021  
(54) Watercraft Fin

(71) Hurst, G.  
(21) 2021900770 (22) 17.03.2021  
(54) Heat exchanger and heat exchange member therefor

(71) Inspiring Ministries Ltd  
(21) 2021900803 (22) 18.03.2021  
(54) MEDICAL AID/WEDGE

(71) Iron Salt Aerosol Pty Ltd  
(21) 2021900761 (22) 16.03.2021  
(54) Method to Oxidise Greenhouse Gases using Hydroxyl Radicals

(71) James Cook University  
(21) 2021900769 (22) 17.03.2021  
(54) Proteins and uses thereof

(71) Jayaram, N.  
(21) 2021900818 (22) 19.03.2021  
(54) FLOATING OFFSHORE CROSS FLOW IMPULSE WIND TURBINE GENERATOR

(71) Jeggo, N.  
(21) 2021900776 (22) 17.03.2021  
(54) Fence Plinth Unit

(71) kambouris, a.  
(21) 2021900741 (22) 15.03.2021  
(54) Resealable Hybrid Can

(71) Kaoskey Pty Ltd  
(21) 2021900725 (22) 12.03.2021  
(54) Method and Apparatus for ECG Processing and Display

(71) KILCOY PASTORAL COMPANY LIMITED  
(21) 2021900779 (22) 17.03.2021  
(54) PACKAGING COMPLIANCE METHOD

(71) King, D.  
(21) 2021900799 (22) 18.03.2021  
(54) An interactive voice recognising shopper assistance user interface system

Provisional Applications Filed - Name Index cont'd

(71) Kinosis Therapeutics Pty Ltd  
(21) 2021900789 (22) 18.03.2021  
(54) Methods of treatment

**KISHOR, L. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**KISHOR, L. see Fonterra Co-operative Group Limited**  
(21) 2021900710

**KOBLER, T. see SAVA, A.**  
(21) 2021900806

**LEGG, A. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**LEGG, A. see Fonterra Co-operative Group Limited**  
(21) 2021900710

(71) LEISURELIFE (AUST) PTY LTD  
(21) 2021900758 (22) 16.03.2021  
(54) HINGED JOINT AND METHOD OF USE

(71) LEISURELIFE (AUST) PTY LTD  
(21) 2021900772 (22) 17.03.2021  
(54) HINGED JOINT AND METHOD OF USE

(71) Linch-pin Enterprises Pty Ltd  
(21) 2021900760 (22) 16.03.2021  
(54) Gravity-based structure for off-shore structures

(71) Li-S Energy Limited  
(21) 2021900777 (22) 17.03.2021  
(54) Sulfur cathodes

(71) Loftus, J.  
(21) 2021900787 (22) 18.03.2021  
(54) Safe Cap

(71) Magellan Stem Cells Pty Ltd  
(21) 2021900739 (22) 15.03.2021  
(54) Method

(71) MAGNOOSA  
(21) 2021900809 (22) 19.03.2021  
(54) A TOWEL

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(21) 2021900730

(71) Martin, S.; Martin, D.  
(21) 2021900730 (22) 14.03.2021  
(54) Emesis Container

(71) Messiah, H.  
(21) 2021900756 (22) 16.03.2021  
(54) VIRTUAL FLIGHT TAGGING

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(21) 2021900738

(71) MINETOMETAL PTY LTD  
(21) 2021900727 (22) 12.03.2021  
(54) Novel Copper Metal Production Process

(71) Moroz Technologies Pty Ltd  
(21) 2021900724 (22) 12.03.2021  
(54) System and Method of Haemodialysis

(71) murcott, d.  
(21) 2021900734 (22) 15.03.2021  
(54) umbrella and table support

(71) Navtrix Pty Ltd  
(21) 2021900743 (22) 15.03.2021  
(54) Vending Machine System

(71) NEIGHBOURS, G.  
(21) 2021900764 (22) 17.03.2021  
(54) APPARATUS FOR ASSEMBLING WIND TURBINES AND METHOD THEREFOR

(71) NEIGHBOURS, G.  
(21) 2021900765 (22) 17.03.2021  
(54) A METHOD OF WIND TOWER CONSTRUCTION AND APPARATUS THEREFOR

(71) Nylec Pty Ltd  
(21) 2021900736 (22) 15.03.2021  
(54) ELECTRICAL SIDE MODULE

(71) Ocvitti Pty Ltd  
(21) 2021900774 (22) 17.03.2021  
(54) Fence Post Cap

(71) Olivia Newton-John Cancer Research Institute; University of Cape Town  
(21) 2021900790 (22) 18.03.2021  
(54) Methods for predicting clinical benefit from immune checkpoint inhibitor therapy

(71) Paris, M.  
(21) 2021900735 (22) 12.03.2021  
(54) Energy Efficient Dry Cell

(71) Payload Industries Pty Ltd  
(21) 2021900793 (22) 18.03.2021  
(54) DEVICE FOR INSERTING/REMOVING PIVOT PINS

(71) Pilbara Surveys Pty Ltd  
(21) 2021900802 (22) 18.03.2021  
(54) GPS MACHINE GUIDANCE SYSTEMS AND ASSEMBLY FOR MOTOR-GRADERS

(71) Poulton, T.; Wadsworth, T.  
(21) 2021900731 (22) 14.03.2021  
(54) Chess Set Accessory for simultaneously setting up chess pieces on the board for each side and storing the pieces

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(21) 2021900709

**PURYER COKER, C. see Fonterra Co-operative Group Limited**  
(21) 2021900710

(71) Ranken, S.  
(21) 2021900813 (22) 19.03.2021  
(54) Mechanisms and methods for wool severance

(71) Refai, A.  
(21) 2021900785 (22) 18.03.2021  
(54) Skirting Assembly and Mount

**REID, D. see Fonterra Co-operative Group Limited**  
(21) 2021900709

**REID, D. see Fonterra Co-operative Group Limited**  
(21) 2021900710

(71) REKORDIO PTY LTD  
(21) 2021900723 (22) 12.03.2021  
(54) IMPROVED VIDEO CALLING SYSTEM AND METHOD THEREFOR

(71) ResMed Pty Ltd  
(21) 2021900782 (22) 18.03.2021  
(54) Patient Interface

(71) ResMed Pty Ltd  
(21) 2021900808 (22) 19.03.2021  
(54) A Valve Apparatus



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(71) Rhino Rack Australia Pty Limited  
(21) 2021900810 (22) 19.03.2021  
(54) Quick-release mounting bracket

(71) Russell Mineral Equipment Pty Ltd  
(21) 2021900745 (22) 15.03.2021  
(54) Linerbolt removal tool improvements

(71) SAVA, A.; FELICE, D.; KOBLER, T.  
(21) 2021900806 (22) 19.03.2021  
(54) COATING

(71) SC Medical Pty Ltd  
(21) 2021900767 (22) 17.03.2021  
(54) A mobile self-powered medical services trolley for use in an operating theatre

(71) Skolnik, M.  
(21) 2021900816 (22) 19.03.2021  
(54) MOULD FOR FOOD PRODUCT

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(21) 2021900795

(71) Sudu IP Pty Ltd  
(21) 2021900796 (22) 18.03.2021  
(54) BASE BAR FOR WINDOW BLINDS

(71) Sweeney, M.  
(21) 2021900763 (22) 17.03.2021  
(54) "An improved anti-tampering and anti-counterfeit over-cap for cans and improved attachment of an over-cap"

(71) TechFresh Pty Ltd  
(21) 2021900720 (22) 12.03.2021  
(54) IMPROVED METHOD AND APPARATUS FOR THE REDUCTION OF PATHOGENS

(71) The Trustee for PR IP Trust  
(21) 2021900768 (22) 17.03.2021  
(54) A monitoring system for a fluid tank

(71) THE TRUSTEE FOR RADULOCK TRUST  
(21) 2021900766 (22) 17.03.2021  
(54) INTERFACIAL PRESSURE SENSOR

(71) The University of Melbourne; Grains Research and Development Corporation  
(21) 2021900775 (22) 17.03.2021  
(54) ENCYSTMENT AND STABILISATION OF CILIATE PROTOZA CELLS

(71) The University of Melbourne  
(21) 2021900791 (22) 18.03.2021  
(54) METHOD OF MAKING METAL COATED MICROBEADS

(71) The University of Melbourne  
(21) 2021900792 (22) 18.03.2021  
(54) CORE-SHELL POLYMER INCLUSION MICROBEADS AND PROCESSES FOR THEIR PREPARATION

(71) The University of Newcastle  
(21) 2021900814 (22) 19.03.2021  
(54) Coarse particle flotation apparatus and method with intensification

(71) The University of Queensland  
(21) 2021900753 (22) 16.03.2021  
(54) Sodium-stabilised mesoporous aluminosilicate nanoparticles as nanoadjuvants for DC pyroptosis and activation

(71) The University of Sydney; South Eastern Sydney Local Health District  
(21) 2021900794 (22) 18.03.2021  
(54) Collagen IV bioinks

(71) The University of Sydney; South Eastern Sydney Local Health District  
(21) 2021900795 (22) 18.03.2021  
(54) Bioengineered endothelial constructs

(71) The Walter and Eliza Hall Institute of Medical Research  
(21) 2021900740 (22) 15.03.2021  
(54) Combination Methods of Treatment

(71) Tisane Limited  
(21) 2021900812 (22) 19.03.2021  
(54) IMPROVED SANITARY PRODUCTS AND THEIR METHODS OF MANUFACTURE

(71) Tosenovsky, P.  
(21) 2021900716 (22) 12.03.2021  
(54) JUNCTIONAL STENT SYSTEM

(71) Transport for NSW  
(21) 2021900800 (22) 18.03.2021  
(54) Systems and methods for determining angle of attack of a wheelset and/or the condition of a wheel and/or rail

(71) UBCO Limited  
(21) 2021900722 (22) 12.03.2021  
(54) IMPROVEMENTS IN AND RELATING TO BATTERY POWER SUPPLY PARTS AND FITTINGS THEREFOR

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(21) 2021900790

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(21) 2021900731

(71) Wantech Pty Ltd  
(21) 2021900749 (22) 16.03.2021  
(54) Straw Processing System

(71) Wantech Pty Ltd  
(21) 2021900781 (22) 17.03.2021  
(54) Grain Transfer System

(71) Weir Minerals Australia Ltd  
(21) 2021900747 (22) 16.03.2021  
(54) AUSTENITIC MANGANESE STEEL WITH REFINED GRAIN STRUCTURE

(71) Yeomans, A.  
(21) 2021900778 (22) 17.03.2021  
(54) HEAT ENERGY STORAGE METHOD AND APPARATUS FOR USE WITH SOLAR ENERGY COLLECTING APPARATUS

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2021900773	Defence Science and Technology Group		

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Applications listed below were processed through the Patent Office Canberra during the period ending 16 Mar 2021 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<p>(71) Ablynx NV (21) 2021201640 (22) 16.03.2021 (54) Methods for detecting and/or measuring anti-drug antibodies, in particular treatment-emergent anti-drug antibodies (62) 2015261467</p>	<p>(54) Adaptive color space transform coding (62) 2019253875</p>	<p>(71) Clemtek, LLC (21) 2021201652 (22) 16.03.2021 (54) Gaming video processing system (62) 2019203219</p>
<p>(71) Acer Incorporated (21) 2021201637 (22) 16.03.2021 (54) Device and method for handling reference signals in an unlicensed band (31) 62/991,597 (32) 19.03.20 (33) US 17/170,719 08.02.21 US</p>	<p>(71) Apple Inc. (21) 2021201681 (22) 17.03.2021 (54) Emoji recording and sending (62) 2018269375</p>	<p><b>Cleyne, M.L. see Cleyne, S.M.</b> (21) 2021201662</p>
<p>(71) Acer Incorporated (21) 2021201638 (22) 16.03.2021 (54) Device and method of handling an up-link transmission with sounding reference signals (31) 62/991,598 (32) 19.03.20 (33) US 17/180,868 22.02.21 US</p>	<p>(71) Auspex Pharmaceuticals, Inc. (21) 2021201629 (22) 16.03.2021 (54) Benzoquinolone inhibitors of VMAT2 (62) 2019268062</p>	<p>(71) Cleyne, S.M.; Cleyne, M.L. (21) 2021201662 (22) 16.03.2021 (54) DEVICE AND METHOD FOR BILATERAL SENSORY STIMULATION</p>
<p>(71) Acuitas Therapeutics Inc. (21) 2021201646 (22) 16.03.2021 (54) Lipids and lipid nanoparticle formulations for delivery of nucleic acids (62) 2016285852</p>	<p>(71) Australian Engineered Solutions Pty Ltd (21) 2021201635 (22) 16.03.2021 (54) Structural Building Elements (62) 2019203601</p>	<p>(71) CNH Industrial America LLC (21) 2021201673 (22) 17.03.2021 (54) System and method for controlling harvester implement position of an agricultural harvester (31) 16/821,313 (32) 17.03.20 (33) US</p>
<p>(71) Ad Astra ehf (21) 2021201665 (22) 16.03.2021 (54) A Method Of Culturing Haematococcus Species For Manufacturing Of Astaxanthin (62) 2016319195</p>	<p>(71) Becton, Dickinson and Company (21) 2021201675 (22) 17.03.2021 (54) Multiple use disposable injection pen (62) 2018253453</p>	<p>(71) Dai Nippon Printing Co Ltd (21) 2021201602 (22) 12.03.2021 (54) Composite preform, composite container, composite preform, plastic member and method for producing composite container (62) 2015361362</p>
<p>(71) Altech Chemicals Australia Pty Ltd (21) 2021201653 (22) 16.03.2021 (54) A Method for the Preparation of Smelter Grade Alumina (62) 2018233001</p>	<p>(71) Biodelivery Sciences International Inc. (21) 2021201650 (22) 16.03.2021 (54) Abuse-resistant mucoadhesive devices for delivery of buprenorphine (62) 2019206022</p>	<p>(71) Digital Asset (Switzerland) GmbH (21) 2021201672 (22) 17.03.2021 (54) Computer system and method for distributed privacy-preserving shared execution of one or more processes (62) 2019219861</p>
<p>(71) AMO Development, LLC (21) 2021201609 (22) 15.03.2021 (54) Method and apparatus for patterned plasma-mediated laser trephination of the lens capsule and three dimensional phaco-segmentation (62) 2019226116</p>	<p>(71) Biomet Manufacturing, LLC (21) 2021201678 (22) 17.03.2021 (54) AUGMENTED REALITY SUPPORTED KNEE SURGERY (62) 2018230901</p>	<p>(71) Digital Lumens, Incorporated (21) 2021201658 (22) 16.03.2021 (54) Methods, apparatus and systems for providing occupancy-based variable lighting (62) 2019200205</p>
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<p>(71) Apple Inc. (21) 2021201660 (22) 16.03.2021</p>	<p>(71) Capna IP Capital, LLC (21) 2021201618 (22) 15.03.2021 (54) METHODS TO REDUCE CHLOROPHYLL CO-EXTRACTION THROUGH EXTRACTION OF SELECT ESSENTIAL OILS AND AROMATIC ISOLATES (62) 2018252948</p>	<p><b>Evonik Operations GmbH see DSM IP Assets B.V.</b> (21) 2021201571</p>
<p>(71) Apple Inc. (21) 2021201660 (22) 16.03.2021</p>	<p>(71) Carmichael, B. (21) 2021201645 (22) 16.03.2021 (54) A Sandal</p>	<p>(71) DSM IP Assets B.V.; Evonik Operations GmbH (21) 2021201571</p>

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<p>(71) Frank's International, LLC (21) 2021201612 (22) 15.03.2021 (54) Surge Reduction System For Running Liner Casing In Managed Pressure Drilling Wells (31) 16/845,709 (32) 10.04.20 (33) US</p>	<p>(54) NESTING BOX (31) 2020900783 (32) 14.03.20 (33) AU</p>	<p>(54) Construction management system and construction management method (62) 2019203748</p>
<p>(71) Fremont, M. (21) 2021201654 (22) 16.03.2021 (54) HELMET (31) 16/824,240 (32) 19.03.20 (33) US</p>	<p>(71) Horimasa Co., Ltd. (21) 2021201680 (22) 17.03.2021 (54) Aquaponics System (62) 2019261757</p>	<p>(71) Lendlease Manufactured Products Pty Limited (21) 2021201684 (22) 17.03.2021 (54) Prefabricated building module (62) 2018264129</p>
<p>(71) GC Corporation (21) 2021201614 (22) 15.03.2021 (54) Dental polymerizable composition (31) 2020-053185 (32) 24.03.20 (33) JP</p>	<p>(71) Illumina, Inc. (21) 2021201666 (22) 16.03.2021 (54) Light Detection Devices with Protective Liner and Methods Related to Same (62) 2018390335</p>	<p>(71) Levicept Limited (21) 2021201611 (22) 15.03.2021 (54) Therapeutic use of p75NTR neuro- trophin binding protein (62) 2015288918</p>
<p>(71) GenieUs Genomics Pty Ltd (21) 2021201599 (22) 12.03.2021 (54) Machine learning on sequencing data (31) 2020902964 (32) 20.08.20 (33) AU</p>	<p>(71) Indian Ocean Engineering Pty Ltd (21) 2021201628 (22) 15.03.2021 (54) SYSTEM FOR POWERING AND CON- TROLLING AN ELECTRIC MOTOR</p>	<p>(71) LG ELECTRONICS INC. (21) 2021201572 (22) 12.03.2021 (54) FAN MOTOR (31) 10-2020-0052267 (32) 29.04.20 (33) KR</p>
<p>(71) GE Video Compression, LLC (21) 2021201682 (22) 17.03.2021 (54) Low delay picture coding (62) 2019202551</p>	<p>(71) Itron Global SARL (21) 2021201630 (22) 16.03.2021 (54) Optimized objective function for routing determination (31) 16/868,418 (32) 06.05.20 (33) US</p>	<p>(71) Lightning Protection International Pty Ltd (21) 2021201620 (22) 15.03.2021 (54) EARTH ENHANCING COMPOSITION (31) 2020900800 (32) 16.03.20 (33) AU</p>
<p>(71) Google LLC (21) 2021201639 (22) 16.03.2021 (54) EFFICIENT COMMUNICATION FOR DEVICES OF A HOME NETWORK (62) 2020289758</p>	<p>(71) J.R. Simplot Company (21) 2021201627 (22) 15.03.2021 (54) Potato cultivar X17 (62) 2016335859</p>	<p>(71) Lotz, P. (21) 2021201604 (22) 14.03.2021 (54) Skateboard Locking System (31) 2020900918 (32) 25.03.20 (33) AU</p>
<p>(71) Grand Performance Online Pty Ltd (21) 2021201615 (22) 15.03.2021 (54) Autonomous and integrated system, method and computer program for dy- namic optimisation and allocation of re- sources for defined spaces and time periods (62) 2018359004</p>	<p>(71) Janssen Oncology, Inc. (21) 2021201649 (22) 16.03.2021 (54) Methods and compositions for treating cancer (62) 2018271331</p>	<p><b>Massachusetts Institute of Technology see The Broad Institute, Inc.</b> (21) 2021201683</p>
<p>(71) Grand Performance Online Pty Ltd (21) 2021201657 (22) 16.03.2021 (54) Autonomous and integrated system, method and computer program for dy- namic optimisation and allocation of re- sources for defined spaces and time periods (62) 2018360618</p>	<p><b>JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD</b> (21) 2021201617</p>	<p>(71) Medos International Sarl (21) 2021201623 (22) 15.03.2021 (54) Double row collapsible suture construct (31) 16/831,219 (32) 26.03.20 (33) US</p>
<p>(71) Great South Land Pty Ltd (21) 2021201601 (22) 12.03.2021 (54) A CIRCUIT AND METHOD FOR VEHICLE ALTERNATOR OPERATION DETECTION (31) 2020901085 (32) 07.04.20 (33) AU</p>	<p>(71) Kegland Holdings Pty Ltd (21) 2021201593 (22) 12.03.2021 (54) Beverage tap (31) 63/085,067 (32) 29.09.20 (33) US</p>	<p>(71) MX Technologies Inc. (21) 2021201603 (22) 12.03.2021 (54) Watermark security (62) 2019204321</p>
<p>(71) Habitech Pty Ltd (21) 2021201626 (22) 15.03.2021</p>	<p>(71) KIMREY Jr., H.D. (21) 2021201634 (22) 16.03.2021 (54) RADIO FREQUENCY HEATING SYS- TEM (62) 2015335674</p>	<p>(71) Norotos, Inc.; Soto, R.; Prendergast, J. (21) 2021201677 (22) 17.03.2021 (54) Helmet attachment device (62) 2017398427</p>
<p>(71) King Furniture Australia Pty Ltd (21) 2021201647 (22) 16.03.2021 (54) An article of furniture (62) 2015203647</p>	<p>(71) Komatsu Ltd. (21) 2021201664 (22) 16.03.2021</p>	<p>(71) Ocean Power Technologies, Inc. (21) 2021201622 (22) 15.03.2021 (54) INSTALLATION-CONNECTED DUAL- POINT ABSORBER (31) 63/000,269 (32) 26.03.20 (33) US 17/200,173 12.03.21 US</p>
<p>(71) OncoTherapy Science, Inc. (21) 2021201573 (22) 12.03.2021</p>		

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(54) BICYCLIC COMPOUND AND USE THEREOF FOR INHIBITING SUV39H2  
(62) 2016332021

(71) ParaNetics, Inc.  
(21) 2021201642 (22) 16.03.2021  
(54) METHODS AND APPARATUS FOR GENERATING MAGNETIC FIELDS  
(62) 2016387354

(71) Pfizer Inc.  
(21) 2021201608 (22) 15.03.2021  
(54) Novel imidazo [4,5-C] quinoline and imidazo [4,5-C][1,5] naphthyridine derivatives as LRRK2 inhibitors  
(62) 2016322813

(71) Porta-Park, Inc.  
(21) 2021201659 (22) 16.03.2021  
(54) Heat exchanging device  
(62) 2017400488

(71) PRECAST CIVIL INDUSTRIES PTY LTD  
(21) 2021201651 (22) 16.03.2021  
(54) REMOVABLY HINGED SAFETY GRATE ASSEMBLY  
(31) 2020900808 (32) 17.03.20 (33) AU

(71) Precision Planting LLC  
(21) 2021201632 (22) 16.03.2021  
(54) Seed delivery apparatus, systems, and methods  
(62) 2016294607

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(21) 2021201677

(71) President and Fellows of Harvard College  
(21) 2021201624 (22) 15.03.2021  
(54) Large gene excision and insertion  
(62) 2014353100

(71) PTC Therapeutics, Inc.  
(21) 2021201605 (22) 15.03.2021  
(54) Fluoroalkyl, fluoroalkoxy, phenoxy, heteroaryloxy, alkoxy, and amine 1,4-benzoquinone derivatives for treatment of oxidative stress disorders  
(62) 2016369616

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**Mohapatra, S. see Mohapatra, A.**

(21) 2021101296

(71) Mohapatra, A.; Mohapatra, S.; Acharya, B.; Das, P.; Jamader, A.R.; Pradhan, A.; Panda, B.; Nanda, L.; Sahoo, S.

(21) 2021101296 (22) 12.03.2021

(54) INTELLIGENT CIRCUIT ENABLE PORTABLE TESTING APPARATUS FOR SERVO MOTOR

**Mukherjee, S. see Kumar, A.**

(21) 2021101355

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(21) 2021101384

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(21) 2021101212

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(21) 2021101296

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(21) 2021101371

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(21) 2021101385

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(21) 2021101376

(71) Nanjing Drum Tower Hospital  
(21) 2021101350 (22) 16.03.2021  
(54) ORAL MSCS LIQUID-FILLED CAPSULE FOR TREATING INFLAMMATORY BOWEL DISEASES AND OTHER INTESTINAL DISEASES  
(31) 202010310136.8 (32) 20.04.20 (33) CN

(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment

(21) 2021101368 (22) 16.03.2021

(54) Electric laboratory soil crushing device and crushing method

(31) CN202010223354.8(32) 26.03.20 (33) CN

**Nayak, P. see Masih, J.**

(21) 2021101375

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(21) 2021101231

(71) Nayyar, A.; Krishnamurthi, R.; Mahapatra, B.; Jhanjhi, N.Z.; Devi, V.A.; Shukla, P.K.

(21) 2021101362 (22) 16.03.2021

(54) A Wireless Networking of Medical Equipment's on Mobile Application for Paperless Clinic

**N N, M.G. see Sarwade, P.P.**

(21) 2021101376

(71) NORTHWEST A&F UNIVERSITY

(21) 2021101370 (22) 16.03.2021

(54) Compost Containing Silicic Pumice And Preparation Method And Use Thereof

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(21) 2021101296

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(21) 2021101375

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(21) 2021101385

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(21) 2021101231

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(21) 2021101231

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(21) 2021101296

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(21) 2021101382

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(21) 2021101367

(71) PRECAST CIVIL INDUSTRIES PTY LTD

(21) 2021101353 (22) 16.03.2021

(54) REMOVABLY HINGED SAFETY GRATE ASSEMBLY

(31) 2020900808 (32) 17.03.20 (33) AU

(71) Puyang Huichuan Agricultural Science and Technology Co. Ltd.; Zhengzhou University Industrial Technology

(21) 2021101352 (22) 16.03.2021

(54) Method for Extracting Epoxy Compounds and Acid Anhydrides from Figs

**R, P. see A, A.**

(21) 2021101212

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(21) 2021101315

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(21) 2021101367

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(21) 2021101376

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(21) 2021101212

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(21) 2021101375

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(21) 2021101367

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(21) 2021101296

(71) SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(21) 2021101380 (22) 17.03.2021

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- (54) METHOD FOR SCIENTIFIC ANALYSES OF SUSTAINABLE ARCHITECTURE  
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- (71) Sarwade, P.P.; R, B.; S, P.; N N, M.G.; G, P.; Nandankar, P.; H.R, R.; Karthick, N.; Azam, F.; Lakshminarayana, C.; Rinawa, M.L.; A S, R.  
 (21) 2021101376 (22) 17.03.2021  
 (54) RENEWABLE WIND POWER THROUGH MODIFIED WIND TURBINE ROTOR FOR OPTIMAL POWER MANAGEMENT IN SMART CITIES
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- (71) Sathish, P.; Elango, N.  
 (21) 2021101377 (22) 17.03.2021  
 (54) A SYSTEM AND METHOD FOR AUTOMATIC BRAIN TUMOR CLASSIFICATION IN MRI IMAGES
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- Seth, J.K. see Dahivale, R.P.**  
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- (71) Shi, Y.  
 (21) 2021101299 (22) 12.03.2021  
 (54) SPECIAL SURGICAL INSTRUMENT FOR PULMONARY SEGMENT
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- Singh Kushwaha, A.K. see Kumar Panda, S.**  
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- (71) Situ Systems Pty ltd  
 (21) 2021101356 (22) 16.03.2021  
 (54) METHOD AND SYSTEM FOR VIRTUAL REALITY SIMULATION OF A STRUCTURE  
 (31) 2020900806 (32) 16.03.20 (33) AU
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- Sivaraju, S. see M, P.**  
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- (71) Southwest University  
 (21) 2021101276 (22) 11.03.2021  
 (54) An automatic text selection encryption system
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- (71) Southwest University  
 (21) 2021101339 (22) 16.03.2021  
 (54) a signal compression encryption method based on memristor circuit system
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- Srivastava, A. see Jain, K.**
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 (21) 2021101358 (22) 16.03.2021  
 (54) Novel Closed Tail Device of Belt Conveyor  
 (31) 202011228199.5 (32) 25.11.20 (33) CN
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- Tirth, V. see Varshney, T.**  
 (21) 2021101382
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- Tiwari, R. see Masih, J.**  
 (21) 2021101375
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- (71) TRADESTYLUS PTY LTD  
 (21) 2021101359 (22) 16.03.2021  
 (54) PhiScopic Explorium
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- (71) Tyagi, A.K.; Sreenath, N.; K, V.; Gunasundari, R.; Malik, S.; Kakulapati, V.; Khedkar, E.B.; Chordiya, S.B.; Kumari, S.  
 (21) 2021101378 (22) 17.03.2021  
 (54) Intelligent mobile charger: automatic disconnect the charger if your mobile battery charge 97%
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- ULLAL, B. see K.N, V.**  
 (21) 2021101315
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- (71) Usman, M.R.M.; Bendale, A.R.; Pathan, V.T.; Chordiya, M.A.; Bhurat, M.R.  
 (21) 2021101366 (22) 16.03.2021  
 (54) A method of preparation of ethanolic extract of IPOMEA reniformis chois in alloxan induced rats for antidiabetic effect
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- (71) Varshney, T.; Shrivastava, A.; Pratap, B.; Kumar, B.; Kumar, P.; Sharma, R.; Tirth, V.  
 (21) 2021101382 (22) 17.03.2021  
 (54) Intelligent Vehicle: Detection of the Speed, Location, Insurance, DL- Validity, Driver-Sleep, Alcohol, Automatic Control with Fine Notification System (RTO-Data Base)
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- Verma, L. see Jain, P.**  
 (21) 2021101383

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Pratyush, K.; Banode, A.; Sagar, R.;  
koshariya, A.K.; Chakrabarti, P.; Hem-  
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(21) 2021101367 (22) 16.03.2021  
(54) PRE AND POST-EMERGENCY AND  
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(71) Xi'an Shiyou University

(21) 2021101349 (22) 16.03.2021  
(54) An expandable casing connection with  
improved liquid pressure seal perform-  
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(31) 202010345215. 2 (32) 27.04.20 (33) CN

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(71) XUZHOU UNIVERSITY OF TECHNO-  
LOGY

(21) 2021101302 (22) 12.03.2021  
(54) CROSS-FINGER PRACTICE APPAR-  
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(71) XUZHOU UNIVERSITY OF TECHNO-  
LOGY

(21) 2021101303 (22) 12.03.2021  
(54) SOUND INSULATION PASTING  
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(71) XUZHOU UNIVERSITY OF TECHNO-  
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(21) 2021101305 (22) 12.03.2021  
(54) AUTOMATED TRANSPORT AND  
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(71) XUZHOU UNIVERSITY OF TECHNO-  
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(21) 2021101307 (22) 12.03.2021  
(54) SWITCH HAVING HEAT DISSIPATION  
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(21) 2021101381

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(71) Zhengzhou FoamTech Nano Materials  
Co Ltd

(21) 2021101220 (22) 09.03.2021  
(54) A process for continuous production of  
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(71) Zhengzhou FoamTech Nano Materials  
Co Ltd

(21) 2021101221 (22) 09.03.2021  
(54) A device for preparing melamine form-  
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(21) 2021101352

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<b>2021101205</b>	Jeevanandan, G.	<b>2021101364</b>	Al-Besher, A.; Kumar, K.
<b>2021101212</b>	A, A.; Dinesh, S.; Atmakuri, A.R.; , L.; Rai, A.; Shahid, M.; Equbal, D.; A, A.T.; N, V.; R, P.; S, L.; Shaik, M.; MOHAMMED, A.	<b>2021101365</b>	KMX CO.,LTD.
<b>2021101213</b>	Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Company Limited	<b>2021101366</b>	Usman, M.R.M.; Bendale, A.R.; Pathan, V.T.; Chordiya, M.A.; Bhurat, M.R.
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<b>2021101221</b>	Zhengzhou FoamTech Nano Materials Co Ltd	<b>2021101369</b>	China Construction Municipal Engineering Corporation Limited; China Construction First Group Corporation Limited
<b>2021101231</b>	Dahivale, R.P.; Gurusamy, M.; Kavitha, V.R.; Periyasamy, P.; Nayas, M.; Gulati, K.; Seth, J.K.; Bhasin, N.K.; Singhal, R.K.; Pandey, R.R.; Kavitha, R.; C, B.; , B.; Peroumal, V.; Chandra, A.S.; Mohan, A.; Kshirsagar, P.R.	<b>2021101370</b>	NORTHWEST A&F UNIVERSITY
<b>2021101276</b>	Southwest University	<b>2021101371</b>	Acharya, B.; Dash, S.R.; Nanda, I.; Pradhan, M.R.; Mishra, M.R.; Dash, S.S.; Jamader, A.R.; Das, P.
<b>2021101296</b>	Mohapatra, A.; Mohapatra, S.; Acharya, B.; Das, P.; Jamader, A.R.; Pradhan, A.; Panda, B.; Nanda, L.; Sahoo, S.	<b>2021101372</b>	China National Institute of Standardization
<b>2021101299</b>	Shi, Y.	<b>2021101373</b>	China National Institute of Standardization
<b>2021101302</b>	XUZHOU UNIVERSITY OF TECHNOLOGY	<b>2021101374</b>	China National Institute of Standardization
<b>2021101303</b>	XUZHOU UNIVERSITY OF TECHNOLOGY	<b>2021101375</b>	Masih, J.; Aravindhan, K.; Panda, R.C.; Iyer, S.; Sakhlecha, M.; Tiwari, R.; Sachdev, T.; Sharma, M.; Nayak, P.; Singh, P.; Jaiswal, S.; Kumar, L.; Harakannanavar, S.S.
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<b>2021101339</b>	Southwest University	<b>2021101380</b>	SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)
<b>2021101349</b>	Xi'an Shiyou University	<b>2021101381</b>	Jain, K.; Kumar, A.; Shukla, A.K.; Srivastava, A.; Singh, A.; Yadav, S.; Singh, P.
<b>2021101350</b>	Nanjing Drum Tower Hospital	<b>2021101382</b>	Varshney, T.; Shrivastava, A.; Pratap, B.; Kumar, B.; Kumar, P.; Sharma, R.; Tirth, V.
<b>2021101351</b>	Hunan University	<b>2021101383</b>	Jain, P.; Arya, D.; Chaturvedi, G.; Gupta, G.; Bhatnagar, B.; Verma, L.; Shishodia, L.
<b>2021101352</b>	Puyang Huichuan Agricultural Science and Technology Co. Ltd.; Zhengzhou University Industrial Technology	<b>2021101384</b>	Bhattacharyya, S.; Basu, A.; Roy, S.S.; Chakrabarti, P.; De, S.; Konar, D.; Samanta, D.; Dutta, T.; Dey, S.; Mukhopadhyay, D.
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<b>2021101354</b>	JIANGSU UNIVERSITY		
<b>2021101355</b>	Kumar, A.; Sharma, K.; Saraf, A.; Sharma, M.; Mukherjee, S.		
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<b>2021101358</b>	Taiyuan University of Science and Technology		
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Applications with amended filing dates Reg 3.5(A).

2021100299 **Phin, C.; Dutton-Smith, G.; Beekwilder, A.** The filing date has been amended to 05.02.2021

**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)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)
  
- 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
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2010207761 ( 14 )    2010219285 ( 14 )    2010224344 ( 14 )  
 2010246457 ( 14 )    2010289240 ( 14 )    2010289337 ( 14 )  
 2010290844 ( 14 )    2010290940 ( 14 )    2010290941 ( 14 )  
 2010291224 ( 14 )    2010291225 ( 14 )    2010291627 ( 14 )  
 2010292457 ( 14 )    2010293860 ( 14 )    2010294255 ( 14 )  
 2010294295 ( 14 )    2010294517 ( 14 )    2010295900 ( 14 )  
 2010299305 ( 14 )

**2011**

2011218749 ( 14 )    2011250791 ( 14 )    2011253547 ( 14 )  
 2011295638 ( 14 )    2011295660 ( 14 )    2011295663 ( 14 )  
 2011295673 ( 14 )    2011295676 ( 14 )    2011298744 ( 14 )  
 2011299153 ( 14 )    2011299170 ( 14 )    2011299269 ( 14 )  
 2011299695 ( 14 )    2011299894 ( 14 )    2011300352 ( 14 )  
 2011301135 ( 14 )    2011301183 ( 14 )    2011304167 ( 14 )  
 2011361031 ( 14 )    2011376206 ( 14 )

**2012**

2012200481 ( 14 )    2012216572 ( 14 )    2012216693 ( 14 )

2012251537 ( 14 ) 2012304537 ( 14 ) 2012304662 ( 14 )  
 2012305062 ( 14 ) 2012306230 ( 14 ) 2012307075 ( 14 )  
 2012307584 ( 14 ) 2012385112 ( 14 ) 2012388678 ( 14 )  
 2012389227 ( 14 ) 2012389525 ( 14 )

**2013**

2013100286 ( 22 ) 2013100287 ( 22 ) 2013100288 ( 22 )  
 2013100290 ( 22 ) 2013100294 ( 22 ) 2013100296 ( 22 )  
 2013100301 ( 22 ) 2013100316 ( 22 ) 2013100321 ( 22 )  
 2013100328 ( 22 ) 2013100582 ( 22 ) 2013101755 ( 22E )  
 2013101756 ( 22 ) 2013201762 ( 14 ) 2013202512 ( 14 )  
 2013202641 ( 14 ) 2013206337 ( 14 ) 2013222039 ( 14 )  
 2013222043 ( 14 ) 2013224682 ( 14 ) 2013308197 ( 14 )  
 2013312536 ( 14 ) 2013312730 ( 14 ) 2013312740 ( 14 )  
 2013312793 ( 14 ) 2013312934 ( 14 ) 2013313022 ( 14 )  
 2013314005 ( 14 ) 2013320791 ( 14 ) 2013323018 ( 14 )  
 2013399647 ( 14 ) 2013399648 ( 14 ) 2013399649 ( 14 )  
 2013399650 ( 14 ) 2013399651 ( 14 ) 2013399663 ( 14 )  
 2013399666 ( 14 ) 2013399675 ( 14 ) 2013399918 ( 4C )

**2014**

2014101166 ( 22 ) 2014101188 ( 22 ) 2014101386 ( 22 )  
 2014101619 ( 22G ) 2014221188 ( 14 ) 2014221198 ( 14 )  
 2014221218 ( 14 ) 2014221227 ( 4C ) 2014227541 ( 14 )  
 2014315152 ( 14 ) 2014315366 ( 14 ) 2014315371 ( 14 )  
 2014315377 ( 14 ) 2014315407 ( 14 ) 2014315443 ( 14 )  
 2014315445 ( 14 ) 2014315457 ( 14 ) 2014316897 ( 14 )  
 2014316914 ( 14 ) 2014317128 ( 14 ) 2014320631 ( 14 )  
 2014321134 ( 5C ) 2014328497 ( 14 ) 2014342970 ( 14 )  
 2014405092 ( 4D ) 2014405264 ( 14 ) 2014405326 ( 14 )  
 2014405605 ( 14 )

**2015**

2015100055 ( 22 ) 2015101224 ( 22E ) 2015101715 ( 22 )  
 2015201477 ( 25D ) 2015204320 ( 5C ) 2015224384 ( 14 )  
 2015224385 ( 14 ) 2015232585 ( 25D ) 2015246165 ( 14 )  
 2015255277 ( 14 ) 2015271909 ( 14 ) 2015289874 ( 5C )  
 2015289967 ( 5C ) 2015296597 ( 5C ) 2015306076 ( 5C )  
 2015310671 ( 14 ) 2015311857 ( 4C ) 2015311887 ( 14 )  
 2015311905 ( 14 ) 2015311978 ( 4C ) 2015312075 ( 4C )  
 2015312079 ( 14 ) 2015312632 ( 4C ) 2015312634 ( 14 )  
 2015313886 ( 4C ) 2015314061 ( 4C ) 2015315559 ( 4C )  
 2015316232 ( 5C ) 2015349612 ( 5C ) 2015383905 ( 4C )  
 2015403402 ( 4C ) 2015407326 ( 4C ) 2015408046 ( 4C )

**2016**

2016100371 ( 22G ) 2016200405 ( 5C ) 2016201594 ( 5C )  
 2016202138 ( 1B ) 2016204056 ( 5C ) 2016222476 ( 4C )  
 2016222509 ( 4C ) 2016222523 ( 4B ) 2016225787 ( 4B )  
 2016225790 ( 4C ) 2016236766 ( 5C ) 2016244115 ( 12C )  
 2016260331 ( 5C ) 2016273045 ( 25D ) 2016277607 ( 1B )  
 2016277771 ( 5C ) 2016282081 ( 5C ) 2016287760 ( 5C )  
 2016287834 ( 5C ) 2016303490 ( 5C ) 2016303789 ( 5C )  
 2016307329 ( 5C ) 2016307330 ( 5C ) 2016310503 ( 5C )  
 2016313794 ( 4D ) 2016314617 ( 4C ) 2016315860 ( 4C )  
 2016316796 ( 4C ) 2016318111 ( 4C ) 2016320316 ( 4C )  
 2016320317 ( 4C ) 2016320726 ( 4C ) 2016330772 ( 5C )  
 2016331902 ( 4B ) 2016335158 ( 5C ) 2016336313 ( 5C )  
 2016413031 ( 4B ) 2016421469 ( 4A ) 2016421655 ( 4A )  
 2016421906 ( 4B )

**2017**

2017101204 ( 22G ) 2017200601 ( 14 ) 2017200602 ( 14 )  
 2017202162 ( 1B ) 2017202205 ( 1B ) 2017203182 ( 14 )  
 2017203945 ( 1B ) 2017221869 ( 1B ) 2017232243 ( 14 )  
 2017238720 ( 5C ) 2017245653 ( 1B ) 2017245701 ( 1B )  
 2017245830 ( 1B ) 2017246074 ( 1B ) 2017246236 ( 1B )  
 2017246311 ( 1B ) 2017246380 ( 1B ) 2017246432 ( 1B )  
 2017246574 ( 1B ) 2017246588 ( 1B ) 2017247007 ( 1B )  
 2017247009 ( 1B ) 2017247057 ( 1B ) 2017247894 ( 1B )  
 2017248038 ( 1B ) 2017248061 ( 1B ) 2017248076 ( 1B )  
 2017248116 ( 1B ) 2017248259 ( 1B ) 2017248319 ( 1B )

2017248354 ( 1B ) 2017248489 ( 14 ) 2017270576 ( 1B )  
 2017271392 ( 1B ) 2017272588 ( 1B ) 2017273252 ( 1B )  
 2017273779 ( 1B ) 2017275604 ( 1B ) 2017279670 ( 1B )  
 2017306141 ( 1B ) 2017356672 ( 5C ) 2017362229 ( 5C )  
 2017377149 ( 1B ) 2017378626 ( 1B ) 2017379881 ( 1B )  
 2017380450 ( 1B ) 2017386374 ( 5C ) 2017387008 ( 1B )  
 2017387586 ( 5C ) 2017391186 ( 1B )

**2018**

2018101277 ( 22E ) 2018101278 ( 22E ) 2018101284 ( 22E )  
 2018101285 ( 22E ) 2018101290 ( 22E ) 2018101291 ( 22E )  
 2018101292 ( 22E ) 2018101294 ( 22E ) 2018101297 ( 22E )  
 2018101298 ( 22E ) 2018101299 ( 22E ) 2018101300 ( 22E )  
 2018101301 ( 22E ) 2018202619 ( 1B ) 2018202620 ( 1B )  
 2018205385 ( 5C ) 2018207190 ( 25D ) 2018211992 ( 5C )  
 2018219219 ( 25D ) 2018226471 ( 4C ) 2018233402 ( 5C )  
 2018237318 ( 5C ) 2018238523 ( 25D ) 2018247214 ( 14 )  
 2018250135 ( 1B ) 2018254614 ( 1B ) 2018260403 ( 1B )  
 2018273320 ( 25D ) 2018274970 ( 5C ) 2018278977 ( 1A )  
 2018281459 ( 5C ) 2018282481 ( 5C ) 2018296605 ( 1B )  
 2018347902 ( 5C ) 2018366343 ( 5C )

**2019**

2019200235 ( 5C ) 2019200316 ( 5C ) 2019200338 ( 5C )  
 2019200347 ( 5C ) 2019201074 ( 5C ) 2019201231 ( 5C )  
 2019201267 ( 5C ) 2019201363 ( 5C ) 2019201378 ( 5C )  
 2019201501 ( 5C ) 2019201528 ( 5C ) 2019201722 ( 5C )  
 2019202049 ( 5C ) 2019202463 ( 5C ) 2019202501 ( 5C )  
 2019202739 ( 5C ) 2019202903 ( 4C ) 2019203117 ( 5C )  
 2019203260 ( 5C ) 2019203469 ( 5C ) 2019203663 ( 5C )  
 2019203667 ( 5C ) 2019203718 ( 5C ) 2019204105 ( 5C )  
 2019204190 ( 5C ) 2019204232 ( 5C ) 2019204674 ( 5C )  
 2019204744 ( 4C ) 2019204776 ( 5C ) 2019213419 ( 5C )  
 2019216681 ( 4C ) 2019222782 ( 5C ) 2019226165 ( 5C )  
 2019229429 ( 5C ) 2019229433 ( 5C ) 2019240629 ( 5C )  
 2019248218 ( 25D ) 2019257526 ( 5A ) 2019275576 ( 5C )  
 2019275603 ( 5CN ) 2019363177 ( 7A ) 2019373839 ( 1B )

**2020**

2020100990 ( 21F ) 2020103753 ( 16NN ) 2020103876 ( 16NN )  
 2020104053 ( 16NN ) 2020104118 ( 16NN ) 2020104210 ( 18AN )  
 2020200270 ( 5C ) 2020200374 ( 5CN ) 2020200607 ( 5C )  
 2020200610 ( 5C ) 2020200755 ( 5C ) 2020200983 ( 4C )  
 2020286332 ( 1B ) 2020289743 ( 1B ) 2020289804 ( 1B )  
 2020289844 ( 7AN ) 2020901346 ( 12AN )

**Assignments before Grant, Section 113**

**2015**

2015271652 The Florey Institute of Neuroscience and Mental Health;  
 Deakin University The application has been assigned to **Wah Chin Boon**

**2016**

2016230822 Alumier Europe Limited The application has been as-  
 signed to **TrackTech Solutions Corp.**

2016257813 InCube Labs, LLC The application has been assigned  
 to **Rani Therapeutics, LLC**

2016261599 InCube Labs, LLC The application has been assigned  
 to **Rani Therapeutics, LLC**

2016275554 Botanical Gardens and Parks Authority; THE UNI-  
 VERSITY OF WESTERN AUSTRALIA The application has been as-  
 signed to **THE UNIVERSITY OF WESTERN AUSTRALIA**

**Assignments before Grant, Section 113**

2016278893 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2016320867 Incube Labs, LLC The application has been assigned to **Rani Therapeutics, LLC**

2016322506 Herlev Hospital The application has been assigned to **IO Biotech ApS**

2016364670 Deakin University; The Florey Institute of Neuroscience and Mental Health The application has been assigned to **Wah Chin Boon**

2016395014 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2016415342 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

**2017**

2017219085 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2017226296 Dynometrics Inc. D/B/A Humon The application has been assigned to **Whoop, Inc.**

2017229129 National Health Research Institutes; Shih, Chuan The application has been assigned to **National Health Research Institutes**

2017338068 Orchid Medical Pte Ltd The application has been assigned to **Foundry Therapeutics, Inc.**

**2018**

2018205039 Advanced Environmental Recycling Technologies, Inc. The application has been assigned to **Moistureshield, Inc.**

2018222793 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2018229946 Eco Inhibitors AS The application has been assigned to **Italmatch Chemicals S.p.A.**

2018231136 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2018231406 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2018231407 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2018233675 Lampl, Stephan The application has been assigned to **edelweiss dentistry products gmbh**

2018241039 Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH The application has been assigned to **ads-tec Energy GmbH; Dr. Ing. h.c.F. Porsche AG**

**Assignments before Grant, Section 113**

2018241040 ads-tec GmbH; Dr. Ing. h.c.F. Porsche AG The application has been assigned to **ads-tec Energy GmbH; Dr. Ing. h.c.F. Porsche AG**

2018241041 Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH The application has been assigned to **ads-tec Energy GmbH; Dr. Ing. h.c.F. Porsche AG**

2018260305 Ernst-Moritz-Armdt-Universität Greifswald The application has been assigned to **NIPOKA GmbH**

2018261510 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2018266447 Lawrence Livermore National Security, LLC The application has been assigned to **Lawrence Livermore National Security, LLC; The Regents of The University of California**

2018280764 Holcim Technology Ltd; Mapei S.p.A. The application has been assigned to **Mapei S.p.A.**

2018282907 InCube Labs, LLC The application has been assigned to **Rani Therapeutics, LLC**

2018326835 Singapore Health Services Pte Ltd; Belkin, Michael; National University of Singapore The application has been assigned to **Singapore Health Services Pte Ltd; National University of Singapore**

2018369091 AnLin Pharmaceuticals, LLC The application has been assigned to **Kind Pharmaceutical**

**2019**

2019203399 Holyoake Industries Limited The application has been assigned to **Price Holyoake (NZ) Limited**

2019212433 ABB Schweiz AG The application has been assigned to **ABB Power Grids Switzerland AG**

2019295715 Metropolitan Washington Airports Authority; Kundu, Goutam; Seenivasagam, Dharmotharakkannan; Gulati, Sushant; Grasso, Justin; Sendra, Yann Marcario Antoine; Ramisetty, Satyanarayana; Karuppiah, Balaji; Poplar, Kevin The application has been assigned to **Metropolitan Washington Airports Authority**

**2020**

202021074 NeRRe Therapeutics Limited The application has been assigned to **KaNDy Therapeutics Limited**

2020256465 Incube Labs, LLC The application has been assigned to **Rani Therapeutics, LLC**

2020286290 Park Assist LLC. The application has been assigned to **TKH Security LLC**

2020900922 Forest, Paul The application has been assigned to **Liquid AI 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.

**2003**

2003218277 **Corda Technologies** An application to extend the time from 19 Mar 2020 to 19 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Griffith Hack GPO Box 3125 Brisbane QLD 4001 AU

**2004**

2004256295 **Mintek** An application to extend the time from 14 Jul 2020 to 14 Mar 2021 in which to pay the renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2012**

2012304266 **R.J. Goldspink Pty Ltd** An application to extend the time from 24 Aug 2020 to 24 Mar 2021 in which to pay the renewal fee has been filed . Address for service - Chrysilou IP 114-115 Biztek 20 Dale Street Brookvale Sydney NSW 2100 AU

**2016**

2016311392 **Ensco Services Limited** An application to extend the time from 25 Aug 2020 to 25 Mar 2021 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016369631 **Ardelyx, Inc.** An application to extend the time from 07 Mar 2020 to 07 Feb 2021 in which to request examination has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2017**

2017209325 **McKinney, C.** An application to extend the time from 20 Jan 2021 to 20 Jul 2021 in which to pay the renewal fee has been filed . Address for service - Chad David McKinney U14/21-25 old Burleigh rd Surfers Paradise QLD 4217 AU

**2021**

2021200998 **Proda Biotech LLC** An application to extend the time from 11 Nov 2020 to 11 Mar 2021 in which to make a further application for a divisional patent has been filed . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 SYDNEY NSW 2001 AU

**Applications Allowed - Section 223(2)****2014**

2014343357 **Holoptica, LLC** The time in which to pay the acceptance fee has been extended to 05 Mar 2021 . Address for service - Alder IP Pty Ltd Suite 202 24 Thomas Street CHATSWOOD NSW 2067 AU

**2015**

2015275253 **Aneeta Window Systems (Vic) Pty Ltd** The time in which to gain acceptance has been extended to 25 Jun 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015296014 **Smith & Nephew, Inc.** The time in which to gain acceptance has been extended to 28 Jul 2021 . Address for service - Davies

**Extensions of Time, Section 223**

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

**2016**

2016311067 **Smith & Nephew, Inc.** The time in which to gain acceptance has been extended to 20 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2016322836 **Wing Acoustics Limited** The time in which to gain acceptance has been extended to 09 Jul 2021 . Address for service - Discover IP PO Box 497 Varsity Lakes QLD 4227 AU

**2017**

2017375749 **ViaSat, Inc.** The time in which to request examination has been extended to 05 Apr 2021 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2017377149 **Dead Sea Works Ltd.** The time in which to request examination has been extended to 05 Apr 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2018**

2018102144 **Sestra Systems, Inc.** The time in which to pay a renewal fee has been extended to 11 Dec 2020 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2018217269 **Steinhardt Investments Pty Limited** The time in which to gain acceptance has been extended to 02 Jul 2021 . Address for service - TJIP Patents, Trade Marks & Designs Se 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2018232951 **Premier Technologies Ltd** The time in which to gain acceptance has been extended to 28 Jun 2021 . Address for service - TJIP Patents, Trade Marks & Designs Se 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2018350905 **Illumina, Inc.** The time in which to gain acceptance has been extended to 30 Nov 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018350907 **Illumina, Inc.** The time in which to gain acceptance has been extended to 12 Sep 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018352203 **Illumina, Inc.** The time in which to gain acceptance has been extended to 16 Sep 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2019**

2019200672 **Rikco International, LLC** The time in which to gain acceptance and pay the continuation fee has been extended to 06 May 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2019204244 **INCYTE CORPORATION** The time in which to gain acceptance has been extended to 27 Jun 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd Level 1, 70 Doncaster Road BALWYN NORTH VIC 3104 AU

**Extensions of Time, Section 223**

2019205267 **Illumina, Inc.** The time in which to gain acceptance has been extended to 11 Sep 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019205311 **Illumina, Inc.** The time in which to gain acceptance has been extended to 10 Sep 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019205496 **Illumina, Inc.** The time in which to gain acceptance has been extended to 15 Aug 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019205797 **Illumina, Inc.** The time in which to gain acceptance has been extended to 02 Sep 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019206709 **Illumina, Inc.; Illumina Cambridge Limited** The time in which to gain acceptance has been extended to 13 Nov 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019208468 **ISAAC, Juliá** The time in which to enter the National Phase has been extended to 19 Dec 2020 . Address for service - ISAAC JOSÉ JULIÁ MARTINEZ CALLE ALDEBARAN N° 3 BAJO B, EL MAYORAZG EL MAYORAZGO CALLE ALDEBARAN N° 3 BAJO B, EL MAYORAZG SANTA CRUZ DE TENERIFE ACT 3811 AU

2019225388 **Eye Co Pty Ltd** The time in which to gain acceptance has been extended to 09 Jul 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019284126 **Copper Trading Pty Ltd** The time in which to gain acceptance has been extended to 30 Jun 2021 . Address for service - TJIP Patents, Trade Marks & Designs Suite 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2019303737 **ACUSENSUS IP PTY LTD** The time in which to gain acceptance has been extended to 03 Oct 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019903306 **Malana, J.** The time in which to associate with a complete application has been extended to 06 Jun 2021 . Address for service - Jacob Malana Launch Pad, Ground Floor 100 George St Parramatta NSW 2150 AU

**2020**

2020101812 **Matthews, K.** The time in which to comply with a direction under Reg 3.2B has been extended 18 Nov 2020 . Address for service - Kerry Anne Matthews 5 PARKLA BRAE CHIRNSIDE PARK VIC 3116 AU

**2021**

2021201568 **Capital Hardware Supply, LLC** The time in which to claim the convention priority date has been extended to 10 Apr 2021 . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2021201716 **Mashtraxx Limited** The time in which to make a further application for a divisional patent has been extended to 10 Apr 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 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.

**2014**

2014200236 Electronic device with protective case and operating method thereof **SAMSUNG ELECTRONICS CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 04 Mar 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2014306512 Compositions and methods for detecting HEV nucleic acid **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2015**

2015326407 Enhanced loading of intact, bacterially derived vesicles with small molecule compounds **EnGeneIC Molecular Delivery Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015366578 Improved polypropylene fibers, methods for producing the same and uses thereof for the production of fiber cement products **Etex Services NV** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016239875 Telecommunications distribution elements **Comm-Scope Connectivity Belgium BVBA** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016250030 A method for curing a RMA crosslinkable resin coating, RMA crosslinkable compositions and resins for use therein **Allnex Netherlands B.V.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2017**

2017204276 A Testing and Training Apparatus **KANGATECH PTY LTD** The nature of the amendment is as shown in the statement(s) filed 18 Feb 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017225932 Systems and methods for distributed identity verification **SecureKey Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2017275112 Liquid detergent composition **Kao Corporation** The nature of the amendment is as shown in the statement(s) filed 12 Mar

**Amendments**

2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017313828 Compositions and methods for cancer immunotherapy **The UAB Research Foundation ; IN8bio, Inc.** The nature of the amendment is: Amend the name of the inventor to read Ho, William and Lamb, Lawrence S. . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017376544 Oral preparation of glucokinase activator and preparation method therefor **Hua Medicine (Shanghai) Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2018**

2018267289 Multi-sensor magneto-monitoring-imaging system **Korea Research Institute of Standards and Science** The nature of the amendment is: Add inventor(s) YU, Kwon Kyu; LEE, Yong-Ho; KWON, Hyuk Chan; KIM, Jin Mok AND LEE, Sang Kil . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2019**

2019202599 SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS **Kop-Coat, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019203955 Multipartite signaling proteins and uses thereof **Bluebird Bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

**Amendments Made**

**2014**

2014321228 **Innoflex Incorporated** The nature of the amendment is as shown in the statement filed 03 Nov 2020

2014403143 **Digicon S.A. Controle Eletronico Para Mecanica** The nature of the amendment is as shown in the statement filed 27 Nov 2020

**2015**

2015347003 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement filed 09 Dec 2020

2015367411 **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statement filed 25 Sep 2020

**2016**

2016253957 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 16 Dec 2020

2016279075 **Otsuka America Pharmaceutical, Inc.** The nature of the amendment is as shown in the statement filed 17 Dec 2020

**Amendments**

2016319785 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 21 Dec 2020

2016326367 **Covidien LP** The nature of the amendment is as shown in the statement filed 03 Dec 2020

2016347521 **Heptares Therapeutics Limited** The nature of the amendment is as shown in the statement filed 18 Dec 2020

**2018**

2018101545 **Apple Inc.** The nature of the amendment is as shown in the statement filed 28 Oct 2020

2018203659 **Novoluto GmbH** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 07 Jan 2021

2018214258 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Application is to proceed under the number 2018102209

2018221080 **Medivators Inc.** The nature of the amendment is: Amend the name of the inventor to read Petersen, Michael P.; Bromiley, Nicholas G.; Hemink, David C.; Johnnie, Joseph G.; Riske, Brett; Haydon, William; Adams, Heather; Bui, Huyen and Nguyen, Tuan

2018223042 **Jusand Nominees Pty Ltd** The nature of the amendment is as shown in the statement filed 05 Mar 2021

2018223042 **Jusand Nominees Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102208

2018286057 **Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Fukang (Shanghai) Health Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read 2-[4-(methylaminomethyl)phenyl]-5-fluoro-benzofuran-7-carboxamide hydrochloride polymorph, preparation method therefor and application thereof

2018373053 **Lunella Biotech, Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2020

**2019**

2019210568 **Thursday Pools** The nature of the amendment is: Amend divisional details to remove 2014227495

2019260951 **Sone Farm Co., Ltd.** The nature of the amendment is as shown in the statement filed 09 Dec 2020

2019269633 **Valerio, T.** The nature of the amendment is: Amend the name of the inventor to read Valerio, Thomas A.

2019275531 **Cmech (Guangzhou) Ltd.** The nature of the amendment is as shown in the statement filed 09 Mar 2021

2019305653 **Center for Aquaculture Technologies, Inc.** The nature of the amendment is as shown in the statement filed 22 Jan 2021

**Amendments**

2019336495 **Comnovo GmbH** The nature of the amendment is: Amend the name of the inventor to read LAMMERING, David; LEWANDOWSKI, Andreas and WINKLER, Ron

2019338677 **Pulsaclass SAS** The nature of the amendment is: Amend the invention title to read Apparatus for the Rapid Cooling of Packaged Beverages

2019339090 **Kyocera Corporation; The University of Tokyo** The nature of the amendment is: Amend the invention title to read Estimation apparatus, estimation system, and estimation program

2019340402 **PTC Therapeutics, Inc.; The Trustees of Columbia University in the City of New York** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2021

2019349817 **The General Hospital Corporation** The nature of the amendment is as shown in the statement filed 27 Feb 2021

**2020**

2020201830 **BASF SE** The nature of the amendment is as shown in the statement filed 09 Dec 2020

**2021**

2021200742 **Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMACEUTICAL COMPANY LIMITED** The nature of the amendment is: Amend the name of the inventor to read MANOHARAN, Muthiah; RAJEEV, Kallanthottathil G.; NAIR, Jayaprakash K.; JAYARAMAN, Muthusamy and MATSUMOTO, Satoru

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

**2007**

2007216472 **Linton Pacific AG** The name of the patentee has been altered to **Linton Pacific AG**

**2015**

2015315007 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2015339128 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

**2016**

2016200177 **Stryker European Holdings III, LLC** The name of the patentee has been altered to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2016232839 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2016276751 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2016287647 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

**Amendments**

2016353153 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2016362993 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2016363013 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2016377689 **The Dannon Company, Inc.** The name of the applicant has been altered to **Danone US, LLC.**

**2017**

2017216532 **Stryker European Holdings III, LLC** The name of the patentee has been altered to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2017219747 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017235545 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017237186 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017242803 **Linton Pacific AG** The name of the patentee has been altered to **Linton Pacific AG**

2017274444 **Bristol-Myers Squibb Company; Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.; Bristol-Myers Squibb Company**

2017310436 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017345262 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017354027 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017369540 **Linton Pacific AG** The name of the patentee has been altered to **Linton Pacific AG**

2017371225 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2017376926 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

**2018**

2018226824 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

2018227489 **Seattle Genetics, Inc.** The name of the applicant has been altered to **Seagen Inc.**

**Amendments**

2018227807 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018237683 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018243667 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018258663 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018258687 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018282225 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018329951 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018347406 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018348198 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018359546 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018370859 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018375182 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018375375 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018375412 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2018404690 Xuanzhu (Hainan) Biopharmaceutical Co., Ltd. The name of the applicant has been altered to **XUANZHU BIOPHARMACEUTICAL CO., LTD.**

**2019**

2019201493 FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS The name of the applicant has been altered to **FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS**

2019202530 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2019220700 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

**Amendments**

2019225845 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2019240403 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2019247434 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2019284038 MabPlex International, Ltd. The name of the applicant has been altered to **MabPlex International Co., Ltd.**

2019308175 Corning Incorporated; Carol Ann Click ; James Howard Edmonston ; Qiang Fu ; Jill Marie Hall ; Mathieu Gerard Jacques Hubert ; Dhananjay Joshi ; Andrew Peter Kittleson ; Katherine Weber Kroemer ; Galan Gregory Moore ; Rohit Rai ; John Richard Ridge ; John Robert SALTZER Jr. ; Charlene Marie Smith ; Erika Lynn Stapleton ; Matthew Daniel Trosa ; Ljerka Ukrainczyk ; Shelby Kerin Wilson ; Bin Yang ; Zheming Zheng The name of the applicant has been altered to **Corning Incorporated**

**2020**

2020201153 Seattle Genetics, Inc.; Agensys, Inc. The name of the applicant has been altered to **Seagen Inc.; Agensys, Inc.**

2020201910 Yuri Abramov The name of the applicant has been altered to **SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION**

2020201929 Yuri Abramov The name of the applicant has been altered to **SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION**

2020202805 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2020202853 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2020203365 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2020239744 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2020257048 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

2020267316 HEE Solar, L.L.C. The name of the applicant has been altered to **Hunt Perovskite Technologies, L.L.P.**

2020281140 Seattle Genetics, Inc. The name of the applicant has been altered to **Seagen Inc.**

**2021**

2021900395 AgCoTech Pte Ltd The name of the applicant has been altered to **AgCoTech IP Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 1IC GLOBAL PTY LTD  
 (11) AU-A-2019229403  
 (21) 2019229403 (22) 13.09.2019  
 (54) a vehicle singular being truck a diesel powered robot or pack pack unit discharging air air mist as a system or singular for the containment of Bushfires and fires without the use of water or very little in a mist system used in fire fighting  
 (51) Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**A62C 27/00** ( 2006.01 )  
 (43) 01.04.2021  
 (72) Draganoff, Matthew Charles; Draganoff, Amanda Jane  
 (74) 1IC GLOBAL PTY LTD

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2020223718  
 (21) 2020223718 (22) 27.08.2020  
 (54) MODEL CONTROL PLATFORM  
 (51) Int. Cl.  
**G06F 17/18** ( 2006.01 )  
**G06F 16/00** ( 2019.01 )  
 (31) 62/900,454 (32) 13.09.19 (33) US  
 16/896,441 09.06.20 US  
 (43) 01.04.2021  
 (72) CHATELAIN, Jean-Luc; FARFAN, Louis Gerald; TUNG, Teresa Sheausan; BUCCI, Fabio  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acres Technology  
 (11) AU-A-2021201520  
 (21) 2021201520 (22) 10.03.2021  
 (54) Drawing with Participant Interaction  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (43) 01.04.2021  
 (62) 2019204424  
 (72) Acres, John F.; Adamson, William M.; Ferguson, Patrick B.  
 (74) Golja Haines & Friend

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(71) AgJunction LLC.  
 (11) AU-A-2021201523  
 (21) 2021201523 (22) 21.01.2021  
 (54) K-turn path controller  
 (51) Int. Cl.  
**A01B 69/04** ( 2006.01 )  
**B62D 1/28** ( 2006.01 )  
**G01C 21/26** ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2016259279  
 (72) Dang, Tri M.; Sullivan, Timothy J.  
 (74) Davies Collison Cave Pty Ltd

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**Aix-Marseille Universite see L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude**  
 (21) 2020230253

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**Alise Devices, S.L. see Universidad Politecnica de Madrid**  
 (21) 2021201592

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(71) Alynam Pharmaceuticals, Inc.  
 (11) AU-A-2021201547  
 (21) 2021201547 (22) 11.03.2021  
 (54) Angiopietin-like 3 (ANGPTL3) iRNA compositions and methods of use thereof  
 (51) Int. Cl.  
**C07H 21/04** ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2019226296  
 (72) Bettencourt, Brian; Querbes, William; Fitzgerald, Kevin; Frank-Kamenetsky, Maria; Milstein, Stuart; Shulga-Morskaya, Svetlana  
 (74) FB Rice Pty Ltd

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2020289775  
 (21) 2020289775 (22) 16.12.2020  
 (54) System for managing and scheduling containers  
 (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2019204805  
 (72) Singh, Deepak; Suarez, Anthony Joseph; Thurston, William Andrew; Aithal, Anirudh Balachandra; Gerdesmeier, Daniel Robert; Kemp, Euan Skyler; Meduri, Kiran Kumar; Azad, Muhammad Umer  
 (74) Davies Collison Cave Pty Ltd

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2021201556  
 (21) 2021201556 (22) 11.03.2021  
 (54) FRAUD DETECTION SYSTEM IN CASINO  
 (51) Int. Cl.  
**G07C 11/00** ( 2006.01 )  
**A47B 25/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
 (43) 01.04.2021  
 (62) 2019202813  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2020230353  
 (21) 2020230353 (22) 13.09.2020  
 (54) METAMORPHIC PERSISTENT SYMBOLS USING RANDOM PROBABILITY DISTRIBUTION  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 62/900,396 (32) 13.09.19 (33) US  
 62/914,159 11.10.19 US  
 16/814,843 10.03.20 US  
 (43) 01.04.2021  
 (72) HONEYCUTT, Robert; HAWKINS, Ryan; TSOMBANIDIS, Yanis; ROSS, Emily  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019257428  
 (21) 2019257428 (22) 30.10.2019  
 (54) LOGGING, RECOVERY AND REPLAY OF WAGERING GAME INSTANCES  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
 (31) 16/575,261 (32) 18.09.19 (33) US  
 (43) 01.04.2021  
 (72) MEYER, Donovan; NOSSIER, Grant  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019257448  
 (21) 2019257448 (22) 30.10.2019  
 (54) LOGGING, RECOVERY AND REPLAY OF WAGERING GAME INSTANCES  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
 (31) 16/575,266 (32) 18.09.19 (33) US  
 (43) 01.04.2021  
 (72) MEYER, Donovan; NOSSIER, Grant  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020233785  
 (21) 2020233785 (22) 18.09.2020  
 (54) SYSTEMS AND METHODS FOR INCREASING A MULTIPLIER AND PROVIDING A BINGO AWARD IN ASSOCIATION WITH A MULTIPLIER  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 9/24** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (31) 16/574,895 (32) 18.09.19 (33) US

Applications Open to Public Inspection - Name Index cont'd

(43) 01.04.2021  
 (72) MARSH, David; ROELOFS, Karl  
 (74) Griffith Hack

(71) Arrowhead Pharmaceuticals, Inc.  
 (11) AU-A-2021201584  
 (21) 2021201584 (22) 12.03.2021  
 (54) RNAi inhibition of alpha-ENaC expression  
 (51) Int. Cl.  
*A61K 31/713* ( 2006.01 )  
*C07H 21/00* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )

(43) 01.04.2021  
 (62) 2018256632  
 (72) VAN HEEKE, Gino; HICKMAN, Emma; DANAHAY, Henry Luke; TAN, Pamela; GEICK, Anke; VORNLOCHER, Hans-Peter  
 (74) Davies Collison Cave Pty Ltd

ATAOGLU, M. see JING, H.  
 (21) 2020230343

Ausnutria Dairy (China) Co., Ltd see Nutrition Care Pharmaceuticals Pty Ltd  
 (21) 2019279974

(71) Axon Enterprise, Inc.  
 (11) AU-A-2021201597  
 (21) 2021201597 (22) 12.03.2021  
 (54) Systems and Methods for Supplementing Captured Data  
 (51) Int. Cl.  
*H04N 21/231* ( 2011.01 )

(43) 01.04.2021  
 (62) 2017348370  
 (72) WOMACK, Marcus W.L.; REITZ, James Norton; SHEKARRI, Nache D.; WAGNER, Daniel J.; HANCHETT, Mark  
 (74) WRAYS PTY LTD

(71) Blackhawk Network, Inc.  
 (11) AU-A-2021201577  
 (21) 2021201577 (22) 12.03.2021  
 (54) A system for packaging, processing, activating, and deactivating multiple individual transaction cards as a singular unit  
 (51) Int. Cl.  
*G06K 5/00* ( 2006.01 )  
*G06Q 40/00* ( 2012.01 )  
*H04L 9/10* ( 2006.01 )

(43) 01.04.2021  
 (62) 2019201864  
 (72) Shirsekar, Sanjay; Singh, Lalit  
 (74) Davies Collison Cave Pty Ltd

(71) Bowey, J.  
 (11) AU-A-2020220221  
 (21) 2020220221 (22) 22.08.2020  
 (54) Structural Steel clamping System that attaches to universal beams and columns via a clamping effect and can

carry additional equipment via secondary brackets.  
 (51) Int. Cl.  
*E04B 1/24* ( 2006.01 )  
*F16L 3/00* ( 2006.01 )  
 (31) 2019903402 (32) 12.09.19 (33) AU  
 (43) 01.04.2021  
 (72) Bowey, John  
 (74) John Bowey

(71) BUILDING MANAGEMENT SYSTEMS AUSTRALIA PTY LTD  
 (11) AU-A-2020233687  
 (21) 2020233687 (22) 16.09.2020  
 (54) Systems And Methods For Monitoring And Managing Facilities In Real-Time  
 (51) Int. Cl.  
*G06Q 50/10* ( 2012.01 )  
*G06Q 10/00* ( 2012.01 )  
*G08G 1/017* ( 2006.01 )  
 (31) 2019903449 (32) 17.09.19 (33) AU  
 (43) 01.04.2021  
 (72) Briffa, Stephen; Di Camillo, Tina  
 (74) LEGALVISION ILP PTY. LTD.

(71) Bulk Handling Australia Group Pty Ltd  
 (11) AU-A-2020233675  
 (21) 2020233675 (22) 16.09.2020  
 (54) An Improved Bag  
 (51) Int. Cl.  
*B65D 88/16* ( 2006.01 )  
*B65D 88/66* ( 2006.01 )  
 (31) 2019903459 (32) 17.09.19 (33) AU  
 (43) 01.04.2021  
 (72) Shaw, Ian Andrew; Flynn, Mathew Brisbane  
 (74) Anderson IP

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2019232797  
 (21) 2019232797 (22) 17.09.2019  
 (54) Method, apparatus and system for encoding and decoding a block of video samples  
 (51) Int. Cl.  
*H04N 19/124* ( 2014.01 )  
 (43) 01.04.2021  
 (72) Rosewarne, Christopher James; Ahmed, Iftekhar  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2019232801  
 (21) 2019232801 (22) 17.09.2019  
 (54) Method, apparatus and system for encoding and decoding a block of video samples  
 (51) Int. Cl.  
*H04N 19/00* ( 2014.01 )  
*H04N 11/00* ( 2006.01 )  
 (43) 01.04.2021  
 (72) Rosewarne, Christopher James; Ahmed, Iftekhar  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2019232802  
 (21) 2019232802 (22) 17.09.2019  
 (54) Method, apparatus and system for encoding and decoding an Image frame from a bistream  
 (51) Int. Cl.  
*H04N 19/18* ( 2014.01 )  
 (43) 01.04.2021  
 (72) Gan, Jonathan  
 (74) Spruson & Ferguson

(71) Cantor G&W (Nevada), L.P.  
 (11) AU-A-2021201610  
 (21) 2021201610 (22) 15.03.2021  
 (54) MAHJONG ROULETTE GAMING SYSTEM AND METHOD  
 (51) Int. Cl.  
*A63F 5/02* ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2019200213  
 (72) Fisher, Donald; Langtim, Melissa; Krich, Douglas; Garmann, Darlene Marie; Miller, William Patrick; Foote, Stephen  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Capna IP Capital, LLC  
 (11) AU-A-2021201618  
 (21) 2021201618 (22) 15.03.2021  
 (54) METHODS TO REDUCE CHLOROPHYLL CO-EXTRACTION THROUGH EXTRACTION OF SELECT ESSENTIAL OILS AND AROMATIC ISOLATES  
 (51) Int. Cl.  
*B01D 11/02* ( 2006.01 )  
*C11B 9/02* ( 2006.01 )  
*F25B 7/00* ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2018252948  
 (72) GALYUK, Gene  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Carefree/Scott Fetzer Company  
 (11) AU-A-2020233771  
 (21) 2020233771 (22) 18.09.2020  
 (54) Drop canopy with screen  
 (51) Int. Cl.  
*E04F 10/06* ( 2006.01 )  
 (31) 17/024,434 (32) 17.09.20 (33) US  
 62/901,986 18.09.19 US  
 (43) 01.04.2021  
 (72) HEIMBUCK, Gregory Keith; McMILLAN, David Thomas; FRERICH, Vincent J.  
 (74) Spruson & Ferguson

Centre National de la Recherche Scientifique see L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (21) 2020230253

Applications Open to Public Inspection - Name Index cont'd

**Centre National de la Recherche Scientifique see Galderma Research & Development**

(21) 2021201557

(71) Coupang Corp.

(11) AU-A-2020260542

(21) 2020260542 (22) 12.08.2020

(54) Computer implemented method for automatic assignment and reassignment of flexible delivery work

(51) Int. Cl.

**G06Q 10/08** ( 2012.01 )

(31) 16/571,442 (32) 16.09.19 (33) US

(43) 01.04.2021

(72) SONG, Jungsup

(74) FB Rice Pty Ltd

(71) CSER Ventures, LLC.

(11) AU-A-2021201569

(21) 2021201569 (22) 11.03.2021

(54) System for generating an output file

(51) Int. Cl.

**G06F 3/048** ( 2013.01 )

(43) 01.04.2021

(62) 2015336114

(72) Carmine John, Silano; Edward Newsome, Roberts

(74) Griffith Hack

(71) CSR Building Products Limited

(11) AU-A-2021201567

(21) 2021201567 (22) 11.03.2021

(54) Improved Jointing System

(51) Int. Cl.

**E04B 1/68** ( 2006.01 )

(43) 01.04.2021

(62) 2015255227

(72) GALE, EDWARD; JAVED, ADNAN

(74) Griffith Hack

(71) Cygnus Biosciences (Beijing) Co. Ltd.

(11) AU-A-2021201594

(21) 2021201594 (22) 12.03.2021

(54) METHODS FOR OBTAINING AND CORRECTING BIOLOGICAL SEQUENCE INFORMATION

(51) Int. Cl.

**C12Q 1/68** ( 2018.01 )

(43) 01.04.2021

(62) 2016356395

(72) Huang, Yanyi; Chen, Zitian; Zhou, Wenxiang; Duan, Haifeng; Kang, Li; Qiao, Shuo

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

(71) Deere & Company

(11) AU-A-2020220036

(21) 2020220036 (22) 17.08.2020

(54) Delay management for geospatial crop yield mapping

(51) Int. Cl.

**G06Q 50/02** ( 2012.01 )

**A01B 79/00** ( 2006.01 )

**A01D 41/127** ( 2006.01 )

**A01D 45/10** ( 2006.01 )

**G01S 19/14** ( 2010.01 )

(31) 16/574,876 (32) 18.09.19 (33) US

(43) 01.04.2021

(72) Blank, Sebastian

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2020220037

(21) 2020220037 (22) 17.08.2020

(54) Delay management for geospatial crop yield mapping

(51) Int. Cl.

**G06Q 50/02** ( 2012.01 )

**A01B 79/00** ( 2006.01 )

**A01D 41/127** ( 2006.01 )

**A01D 45/10** ( 2006.01 )

(31) 16/574,876 (32) 18.09.19 (33) US

16/574,921 18.09.19 US

(43) 01.04.2021

(72) Blank, Sebastian

(74) Davies Collison Cave Pty Ltd

(71) DSM IP Assets B.V.; Evonik Operations GmbH

(11) AU-A-2021201571

(21) 2021201571 (22) 12.03.2021

(54) Supplement material for use in pet food

(51) Int. Cl.

**A23K 10/16** ( 2016.01 )

**A23K 20/158** ( 2016.01 )

**A23K 50/40** ( 2016.01 )

(43) 01.04.2021

(62) 2016333440

(72) WILSON, Jonathan W.; YU, Shiguang

(74) AJ PARK

**East China Electric Power Test Research Institute Co., Ltd. see State Grid Shanghai Municipal Electric Power Company**

(21) 2020239762

(71) Emma Sleep GmbH

(11) AU-A-2020222156

(21) 2020222156 (22) 24.08.2020

(54) Mattress shipping unit

(51) Int. Cl.

**B65B 63/02** ( 2006.01 )

**B65B 5/04** ( 2006.01 )

**B65B 25/00** ( 2006.01 )

(31) 10 2019 125 036.6 (32) 17.09.19 (33) DE

(43) 01.04.2021

(72) MUELLER, Manuel; ALVAREZ DIEZ, Jorge

(74) Spruson & Ferguson

(71) Equinix, Inc.

(11) AU-A-2020289819

(21) 2020289819 (22) 16.09.2020

(54) Distributed denial-of-service mitigation

(51) Int. Cl.

**H04L 29/06** ( 2006.01 )

(31) 62/901,536 (32) 17.09.19 (33) US

17/009,283 01.09.20 US

(43) 01.04.2021

(72) TENG, Juxiang; DURRANI, Muhammad; RANDHAWA, Rupinder Singh

(74) FPA Patent Attorneys Pty Ltd

**Evonik Operations GmbH see DSM IP Assets B.V.**

(21) 2021201571

(71) EZPC PTY LTD

(11) AU-A-2019229439

(21) 2019229439 (22) 13.09.2019

(54) Fire retardant plastic formwork system used for prefabricating columns with reinforcement already inside.

(51) Int. Cl.

**E04G 13/02** ( 2006.01 )

**E04G 11/06** ( 2006.01 )

(43) 01.04.2021

(72) Costanzo, Anthony; Sergi, Michael

(74) EZPC PTY LTD

(71) Farmalinx Pty Ltd

(11) AU-A-2019232818

(21) 2019232818 (22) 18.09.2019

(54) GRANULAR INSECTICIDE COMPOSITION AND METHOD FOR PREPARATION

(51) Int. Cl.

**A01N 51/00** ( 2006.01 )

**A01N 25/08** ( 2006.01 )

**A01N 25/14** ( 2006.01 )

**A01N 25/24** ( 2006.01 )

**A01N 43/82** ( 2006.01 )

**A01P 7/04** ( 2006.01 )

**A01P 13/00** ( 2006.01 )

**C05G 3/60** ( 2020.01 )

(43) 01.04.2021

(72) Pentland, Philip Edward; Nematic, Mathew

(74) Phillips Ormonde Fitzpatrick

(71) First Institute of Oceanography, Ministry of Natural Resources; Qingdao National Laboratory for Marine Science and Technology Development Center

(11) AU-A-2020256308

(21) 2020256308 (22) 24.04.2020

(54) An underwater subsurface buoy observation and breaking device

(51) Int. Cl.

**B63B 35/00** ( 2020.01 )

**B63B 22/00** ( 2006.01 )

(31) 201910862608.8 (32) 12.09.19 (33) CN

(43) 01.04.2021

(72) WANG, Guanlin; GUAN, Sheng; WANG, Yanfeng; LI, Shujiang; TENG, Fei

(74) A.P.T. Patent and Trade Mark Attorneys

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(11) AU-A-2021201521

(21) 2021201521 (22) 10.03.2021



Applications Open to Public Inspection - Name Index cont'd

- (54) RESPIRATORY MASK AND RELATED PORTIONS, COMPONENTS OR SUB-ASSEMBLIES
- (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )  
**A62B 18/08** ( 2006.01 )
- (43) 01.04.2021  
(62) 2015307325  
(72) OLSEN, Gregory James; BORNHOLDT, Melissa Catherine; MARTIN, Campbell Neil Addison; SPEAR, Tony William; MITTERMEIER, Simon; ROSE, Hamish Joshua; BETTERIDGE, Max Leon; NIGHTINGALE, Christopher Earl; PEDERSEN, Matthew James; JOHNSON, Sophia Adele; ARROWSMITH, Mark John
- (74) AJ PARK
- 
- (71) Galderma Research & Development; Centre National de la Recherche Scientifique
- (11) AU-A-2021201557  
(21) 2021201557 (22) 11.03.2021  
(54) Method of crosslinking glycosaminoglycans
- (51) Int. Cl.  
**C08B 37/08** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )
- (43) 01.04.2021  
(62) 2017307329  
(72) AUZELY-VELTY, Rachel; FIGUEIREDO, Tamiris; JING JING, Laura; HARRIS, Craig Steven; BOITEAU, Jean-Guy; GERFAUD, Thibaut; TOMAS, Loïc
- (74) Spruson & Ferguson
- 
- (71) Genentech, Inc.
- (11) AU-A-2021201516  
(21) 2021201516 (22) 10.03.2021  
(54) Treatment of advanced HER2 expressing cancer
- (51) Int. Cl.  
**C07K 16/32** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )
- (43) 01.04.2021  
(62) 2017387909  
(72) BEATTIE, Mary; BRAMMER, Melissa
- (74) Griffith Hack
- 
- (71) GE Renewable Technologies
- (11) AU-A-2020230307  
(21) 2020230307 (22) 10.09.2020  
(54) CONDUCTOR BAR
- (51) Int. Cl.  
**H02K 3/04** ( 2006.01 )  
**H02K 3/30** ( 2006.01 )  
**H02K 3/34** ( 2006.01 )
- (31) 19306100.9 (32) 12.09.19 (33) EP  
(43) 01.04.2021  
(72) Anderton, Alexander; Huwlyer, Markus; Köpfler, Andreas; Fubel, Armin
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Gilead Sciences, Inc.
- (11) AU-A-2021201554  
(21) 2021201554 (22) 11.03.2021  
(54) Pyrrolo [1,2,f] [1,2,4] triazines useful for treating respiratory syncytial virus infections
- (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )
- (43) 01.04.2021  
(62) 2019204381  
(72) Clarke, Michael O'Neil Hanrahan; Doerffler, Edward; Mackman, Richard L.; Siegel, Dustin
- (74) Davies Collison Cave Pty Ltd
- 
- (71) Google LLC
- (11) AU-A-2021201519  
(21) 2021201519 (22) 10.03.2021  
(54) HYBRID KINETIC INDUCTANCE DEVICES FOR SUPERCONDUCTING QUANTUM COMPUTING
- (51) Int. Cl.  
**G06N 99/00** ( 2019.01 )  
**H01P 3/02** ( 2006.01 )  
**H01P 7/08** ( 2006.01 )
- (43) 01.04.2021  
(62) 2017432161  
(72) White, Theodore Charles; Megrant, Anthony Edward
- (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Grand Performance Online Pty Ltd
- (11) AU-A-2021201553  
(21) 2021201553 (22) 11.03.2021  
(54) A computer-enabled method, system and computer program for dynamically altering constraints utilised in the management of a space, furniture, equipment or service
- (51) Int. Cl.  
**G06Q 10/02** ( 2012.01 )
- (43) 01.04.2021  
(62) 2020200613  
(72) Petroulas, Peter
- (74) Spruson & Ferguson
- 
- (71) Grand Performance Online Pty Ltd
- (11) AU-A-2021201615  
(21) 2021201615 (22) 15.03.2021  
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
- (51) Int. Cl.  
**G06Q 50/12** ( 2012.01 )  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/04** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )
- (43) 01.04.2021  
(62) 2018359004  
(72) PETROULAS, Peter
- (74) Spruson & Ferguson
- 
- (71) GW Pharma Limited
- (11) AU-A-2021201510  
(21) 2021201510 (22) 10.03.2021  
(54) Use of cannabidiol in the treatment of epilepsy
- (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )
- (43) 01.04.2021  
(62) 2015332208  
(72) Guy, Geoffrey; Wright, Stephen; Mead, Alice; Thiele, Elizabeth
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Hahn, E.
- (11) AU-A-2021201560  
(21) 2021201560 (22) 11.03.2021  
(54) Processes for metal ions removal of from aqueous solutions
- (51) Int. Cl.  
**C22B 3/00** ( 2006.01 )  
**C22B 26/12** ( 2006.01 )
- (43) 01.04.2021  
(62) 2019202478  
(72) Lipp, Jonathan; Grinbaum, Baruch
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Hayward Industries, Inc.
- (11) AU-A-2021201513  
(21) 2021201513 (22) 10.03.2021  
(54) Butterfly valve
- (51) Int. Cl.  
**F16K 1/22** ( 2006.01 )  
**F16K 11/052** ( 2006.01 )  
**F16K 31/44** ( 2006.01 )  
**F16K 31/56** ( 2006.01 )
- (43) 01.04.2021  
(62) 2019204517  
(72) Gutmann, Paul M.; Hoots, Joshua Lee; Moren, Gary A.; Stone, Jon Terence
- (74) Davies Collison Cave Pty Ltd
- 
- (71) Heraeus Medical GmbH
- (11) AU-A-2020217324  
(21) 2020217324 (22) 10.08.2020  
(54) Device for temporary, local administration of fluids
- (51) Int. Cl.  
**A61M 25/00** ( 2006.01 )  
**A61M 3/00** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**A61M 39/08** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )
- (31) 19198038.2 (32) 18.09.19 (33) EP  
(43) 01.04.2021  
(72) VOGT, Sebastian; KLUGE, Thomas
- (74) Spruson & Ferguson
- 
- (71) Heraeus Medical GmbH
- (11) AU-A-2020223708  
(21) 2020223708 (22) 27.08.2020  
(54) Device for temporarily, locally applying fluids

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(51) Int. Cl.  
**A61M 5/00** ( 2006.01 )  
**(31)** 19198038.2 **(32)** 18.09.19 **(33)** EP  
 20153853.5 27.01.20 EP  
**(43)** 01.04.2021  
**(72)** VOGT, Sebastian; KLUGE, Thomas  
**(74)** Spruson & Ferguson

**(71)** Hill-Rom Services, Inc.  
**(11)** AU-A-2021201522  
**(21)** 2021201522 **(22)** 10.03.2021  
**(54)** Patient support apparatus  
**(51)** Int. Cl.  
**G08B 21/04** ( 2006.01 )  
**A61G 7/05** ( 2006.01 )

**(43)** 01.04.2021  
**(62)** 2016270661  
**(72)** Zerhusen, Robert Mark; Heimbrock, Richard Henry; Shah, Arpit; Bhai, Aziz A.; Smith, Bradley Thomas; Wagner, Catherine Marie; Lachenbruch, Charles A.; Owsley, Clay Gerome; Tallent, Dan R.; Nachtigal, Daniel; Bedel, David L.; Brzenchek, David J.; Hitchcock, David J.; Lubbers, David P.; Seim, Douglas A.; Borgman, Douglas E.; Benz, Eric David; Iucha, Florin; Sauser, Frank E.; Monson, Gavin M.; Pascoe, James W.; Walke, James L.; Rude, Jared; Byers, John G.; Christie, John D.; Turner, Jonathan D.; Williams, Joshua A.; Lanning, Karen; Smith, Kathryn; Emmons, Kirsten M.; Brinkman, Mary Kay; Buccieri, Michael; Hixon, Nathaniel William; Wiggermann, Neal; Schuman Sr., Richard Joseph; Corbin, Scott M.; Mamidi, Sravan; O'Neal, Todd P.; Ventrola, Todd Steven; Pelo, Travis; Lawrence, Brian L.; Eckstein, Douglas A.  
**(74)** Shelston IP Pty Ltd.

**(71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020343994  
**(21)** 2020343994 **(22)** 29.07.2020  
**(54)** Communication method, apparatus, computer-readable storage medium, and chip  
**(51)** Int. Cl.  
**G06F 9/06** ( 2006.01 )  
**(31)** 201910883765.7 **(32)** 18.09.19 **(33)** CN  
**(43)** 01.04.2021  
**(72)** GENG, Dongjiu; YANG, Chuanlong; SANG, Yan; LIN, Qiangmin  
**(74)** Spruson & Ferguson

**(71)** Hunter Douglas Inc.  
**(11)** AU-A-2020230286  
**(21)** 2020230286 **(22)** 10.09.2020  
**(54)** System and methods for control configuration for installed architectural structural coverings  
**(51)** Int. Cl.  
**G05B 17/02** ( 2006.01 )  
**E05F 15/77** ( 2015.01 )  
**E06B 9/56** ( 2006.01 )  
**G05B 15/02** ( 2006.01 )  
**(31)** 62/900,028 **(32)** 13.09.19 **(33)** US

**(43)** 01.04.2021  
**(72)** Felteau, Wesley; Chares, Chris; Hedrick, Matthew  
**(74)** Shelston IP Pty Ltd.  


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**(71)** Hunter Douglas Inc.  
**(11)** AU-A-2020230290  
**(21)** 2020230290 **(22)** 10.09.2020  
**(54)** System and methods for determining proximity for architectural structure coverings  
**(51)** Int. Cl.  
**G05B 17/02** ( 2006.01 )  
**E05F 15/77** ( 2015.01 )  
**E06B 9/68** ( 2006.01 )  
**G05B 15/02** ( 2006.01 )  
**(31)** 62/900,056 **(32)** 13.09.19 **(33)** US  
**(43)** 01.04.2021  
**(72)** Felteau, Wesley  
**(74)** Shelston IP Pty Ltd.

**(71)** Identiflight International, LLC  
**(11)** AU-A-2021201585  
**(21)** 2021201585 **(22)** 12.03.2021  
**(54)** Imaging array for bird or bat detection and identification  
**(51)** Int. Cl.  
**G01V 8/10** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**G06T 7/20** ( 2017.01 )  
**G08B 15/00** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2015305466  
**(72)** Wenger, Eric S.; Oliver, Andrew G.; Babbitt, Victor L.; Hiester, Thomas R.  
**(74)** Shelston IP Pty Ltd.

**(71)** Immatics Biotechnologies GmbH  
**(11)** AU-A-2021201518  
**(21)** 2021201518 **(22)** 10.03.2021  
**(54)** T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME  
**(51)** Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**C07K 14/78** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2017312361  
**(72)** Alten, Leonie; Maurer, Dominik; Walter, Steffen; Bunk, Sebastian  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** InCube Labs, LLC  
**(11)** AU-A-2021201589  
**(21)** 2021201589 **(22)** 12.03.2021  
**(54)** Device, system and methods for measurement of pressures in the urinary tract  
**(51)** Int. Cl.  
**A61B 5/20** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
**A61B 5/021** ( 2006.01 )  
**A61B 5/0215** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )

**(43)** 01.04.2021  
**(62)** 2016260293  
**(72)** Imran, Mir; Tranchina, Ben  
**(74)** Spruson & Ferguson  


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**(71)** Innovatus Design Pty Ltd  
**(11)** AU-A-2020210211  
**(21)** 2020210211 **(22)** 29.07.2020  
**(54)** A MODULAR PARTITION AND FABRICATION THEREOF  
**(51)** Int. Cl.  
**E04B 2/72** ( 2006.01 )  
**B32B 3/06** ( 2006.01 )  
**B32B 3/28** ( 2006.01 )  
**E04C 2/34** ( 2006.01 )  
**(31)** 2019903470 **(32)** 18.09.19 **(33)** AU  
**(43)** 01.04.2021  
**(72)** Cherniakov, Daniel  
**(74)** Alder IP Pty Ltd

**Inovio Pharmaceuticals, Inc. see THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA**  
**(21)** 2021201586  


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**(71)** Institute of Geochemistry, Chinese Academy of Sciences  
**(11)** AU-A-2020323961  
**(21)** 2020323961 **(22)** 03.04.2020  
**(54)** A method for extracting lithium from carbonate clay type lithium ore based on ion exchange  
**(51)** Int. Cl.  
**C22B 26/12** ( 2006.01 )  
**(31)** CN201910788413.3 **(32)** 26.08.19 **(33)** CN  
**(43)** 01.04.2021  
**(72)** WEN, Hanjie; GU, Hannian; ZHU, Li; LUO, Chongguang; DU, Shengjiang  
**(74)** WRAYS PTY LTD

**(71)** Intuit Inc.  
**(11)** AU-A-2021201246  
**(21)** 2021201246 **(22)** 25.02.2021  
**(54)** Systems and methods for identifying and explaining schema errors in the computerized preparation of a payroll tax form  
**(51)** Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**(43)** 01.04.2021  
**(62)** 2019201302  
**(72)** Lubczynski, Peter E.; Wang, Gang; Parks, Paul A.; McCluskey, Kevin M.; Montoya, Ernest; Hanekamp Jr., David A.; Ryan, Kyle J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** JING, H.; ATAOGLU, M.  
**(11)** AU-A-2020230343  
**(21)** 2020230343 **(22)** 11.09.2020  
**(54)** Enhanced Modular Wall System  
**(51)** Int. Cl.  
**E04B 2/86** ( 2006.01 )  
**E04B 1/84** ( 2006.01 )  
**E04B 1/90** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**E04B 2/38** ( 2006.01 )  
**(31)** 2019903439 **(32)** 16.09.19 **(33)** AU  
**(43)** 01.04.2021  
**(72)** JING, Hai Jun; ATAUGLU, Mert  
**(74)** Patentable

**Kabushiki Kaisha Toshiba see Toshiba Energy Systems & Solutions Corporation**  
**(21)** 2020203310

**(71)** KAISHA PACKAGING Private Ltd.  
**(11)** AU-A-2020230288  
**(21)** 2020230288 **(22)** 10.09.2020  
**(54)** Device for locking a plunger rod of a syringe after use and preventing re-use of the syringe, and syringe assembly  
**(51)** Int. Cl.

**A61M 5/50** ( 2006.01 )  
**(31)** 19198135.6 **(32)** 18.09.19 **(33)** EP  
**(43)** 01.04.2021  
**(72)** Dadachanji, Rishad Kairus  
**(74)** Eagar & Associates Pty Ltd

**(71)** L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Aix-Marseille Université; Centre National de la Recherche Scientifique  
**(11)** AU-A-2020230253  
**(21)** 2020230253 **(22)** 08.09.2020  
**(54)** ARGON COMBINED WITH THROMBECTOMY IN THE EVENT OF ISCHAEMIC STROKE  
**(51)** Int. Cl.  
**A61K 33/00** ( 2006.01 )  
**A61B 17/22** ( 2006.01 )  
**A61K 9/72** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

**(31)** 1910063 **(32)** 12.09.19 **(33)** FR  
**(43)** 01.04.2021  
**(72)** Farjot, Geraldine; Billoet, Catherine; Velly, Lionel; Brochier, Thomas  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Levicept Limited  
**(11)** AU-A-2021201611  
**(21)** 2021201611 **(22)** 15.03.2021  
**(54)** Therapeutic use of p75NTR neurotrophin binding protein  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2015288918  
**(72)** Westbrook, Simon  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** LIMACORPORATE S.P.A.  
**(11)** AU-A-2019229377  
**(21)** 2019229377 **(22)** 12.09.2019  
**(54)** Orthopedic surgical instrument including an acetabular reaming guide

**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**(43)** 01.04.2021  
**(72)** Boccalon, Matteo; Sbaiz, Fausto  
**(74)** MINTER ELLISON

**(71)** Lincoln Global, Inc.  
**(11)** AU-A-2020220111  
**(21)** 2020220111 **(22)** 19.08.2020  
**(54)** Automated welding torch positioner  
**(51)** Int. Cl.  
**B23K 37/02** ( 2006.01 )  
**(31)** 62/901,974 **(32)** 18.09.19 **(33)** US  
 16/993,602 14.08.20 US  
**(43)** 01.04.2021  
**(72)** JOHANNESSEN, Dale Andrew  
**(74)** Spruson & Ferguson

**(71)** McCabe, D.  
**(11)** AU-A-2020230289  
**(21)** 2020230289 **(22)** 10.09.2020  
**(54)** The present invention relates to liquid wax removal from motor vehicles windshields, which results from the build-up of wax residue on the front window, after the motor vehicle is washed in an automatic car wash, by using a liquid car wash window wax removing product.  
**(51)** Int. Cl.  
**C11D 3/43** ( 2006.01 )  
**A47L 1/15** ( 2006.01 )  
**B08B 3/08** ( 2006.01 )  
**C11D 1/00** ( 2006.01 )  
**C11D 3/04** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
**(31)** 2019903467 **(32)** 18.09.19 **(33)** AU  
**(43)** 01.04.2021  
**(72)** McCabe, David Terance  
**(74)** David Terance McCabe

**(71)** MedicalTree Patent Ltd  
**(11)** AU-A-2021201538  
**(21)** 2021201538 **(22)** 10.03.2021  
**(54)** Heart Help Device, System, and Method  
**(51)** Int. Cl.  
**A61M 60/122** ( 2021.01 )  
**A61H 31/00** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**A61M 60/148** ( 2021.01 )  
**A61M 60/205** ( 2021.01 )  
**A61M 60/268** ( 2021.01 )  
**A61M 60/40** ( 2021.01 )  
**A61M 60/50** ( 2021.01 )  
**A61M 60/857** ( 2021.01 )  
**A61M 60/871** ( 2021.01 )  
**(43)** 01.04.2021  
**(62)** 2019232924  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** ModernaTX, Inc.  
**(11)** AU-A-2021200507  
**(21)** 2021200507 **(22)** 28.01.2021

**(54)** MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF BIOLOGICS AND PROTEINS ASSOCIATED WITH HUMAN DISEASE  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2018200374  
**(72)** Bancel, Stephane; Chakraborty, Tirtha; De Fougerolles, Antonin; Elbashir, Sayda M.; John, Matthias; Roy, Atanu; Whoriskey, Susan; Wood, Kristy M.; Hatala, Paul; Schrum, Jason P.; Ejebe, Kenechi; Ellsworth, Jeff Lynn; Guild, Justin  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** ModernaTX, Inc.  
**(11)** AU-A-2021201508  
**(21)** 2021201508 **(22)** 10.03.2021  
**(54)** MODIFIED NUCLEOSIDES, NUCLEOTIDES, AND NUCLEIC ACIDS, AND USES THEREOF  
**(51)** Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2019219843  
**(72)** Roy, Atanu; Hatala, Paul; Schrum, Jason P.; De Fougerolles, Antonin; Siddiqi, Suhaib; Bancel, Stephane  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Monsanto Technology LLC  
**(11)** AU-A-2021200816  
**(21)** 2021200816 **(22)** 09.02.2021  
**(54)** Composition and methods for reducing corn-on-corn yield penalty  
**(51)** Int. Cl.  
**A01C 1/06** ( 2006.01 )  
**A01N 25/26** ( 2006.01 )  
**A01N 43/16** ( 2006.01 )  
**A01N 63/00** ( 2020.01 )  
**(43)** 01.04.2021  
**(62)** 2016355677  
**(72)** Fabbri, Bradon James; Ferreira, Ken; Kerovuo, Janne; McCown, Matthew; Mohanty, Radha G.; Schaecher, Scott R.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** MX Technologies Inc.  
**(11)** AU-A-2021201603  
**(21)** 2021201603 **(22)** 12.03.2021  
**(54)** Watermark security  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(43)** 01.04.2021  
**(62)** 2019204321  
**(72)** DEWITT, Brandon; McBRIDE, Ryan  
**(74)** Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) National University Of Ireland, Galway  
 (11) AU-A-2021201570  
 (21) 2021201570 (22) 12.03.2021  
 (54) AN IMPLANT FOR A BONE JOINT  
 (51) Int. Cl.  
     **A61F 2/30** ( 2006.01 )  
     **A61F 2/42** ( 2006.01 )  
 (43) 01.04.2021  
 (62) 2017218599  
 (72) Clarke, Gerry; Boland, Brendan; Bruzzi, Mark; Ladd, Amy L.; Weiss, Arnold-Peter C.; Stockmans, Filip  
 (74) Phillips Ormonde Fitzpatrick

**Naylor, M.J. see Tilkin, J.**  
 (21) 2021201574

**Neuhaus, Y. see Tilkin, J.**  
 (21) 2021201574

(71) Nextremity Solutions, Inc.  
 (11) AU-A-2020233673  
 (21) 2020233673 (22) 16.09.2020  
 (54) BONE CUT GUIDE APPARATUS AND METHOD  
 (51) Int. Cl.  
     **A61B 17/15** ( 2006.01 )  
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 (74) Zone Law Limited

(71) Nuctech Company Limited; Tsinghua University  
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 (51) Int. Cl.  
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     **E05B 45/00** ( 2006.01 )  
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 (51) Int. Cl.  
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**A61P 1/00** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
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 (74) Knightsbridge Patent Attorneys

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 (51) Int. Cl.  
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 (74) Phillips Ormonde Fitzpatrick

(71) Opal Packaging Australia Pty Ltd  
 (11) AU-A-2019229376  
 (21) 2019229376 (22) 12.09.2019  
 (54) A CONTAINER AND PROCESS  
 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (74) Davies Collison Cave Pty Ltd

Qingdao National Laboratory for Marine Science and Technology Development

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 (21) 2021201583 (22) 12.03.2021  
 (54) Use of pridopidine to improve cognitive function and for treating Alzheimer's disease  
 (51) Int. Cl.  
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 (74) FB Rice Pty Ltd

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 (51) Int. Cl.  
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 (54) Optical fiber splice enclosure  
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(54) INDUCTIVE METHOD AND APPARAT-  
US FOR BATTERY STORAGE  
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*H02J 50/10* ( 2016.01 )  
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sels  
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Schneider, Jay; Hasty, Joey  
(74) Cotters Patent & Trade Mark Attorneys

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(54) WIRE STRAINERS  
(51) Int. Cl.  
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(74) Ahearn Fox

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TROLLING METHOD THEREOF  
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*A47L 9/28* ( 2006.01 )  
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LOCKING FEATURE.  
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(54) MELON HYBRID SVMF6955 AND  
PARENTS THEREOF  
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(11) AU-A-2021201566  
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(54) IMPROVED SYSTEM AND METHOD  
FOR BILLING  
(51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
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(43) 01.04.2021  
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Venkat  
(74) Murray Trento & Associates Pty Ltd

(71) Skrin Pty Ltd  
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(54) Pressure Fluid Operated Twistlock  
(51) Int. Cl.  
*B66C 1/62* ( 2006.01 )  
*B60P 7/13* ( 2006.01 )  
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(72) NYHOLM, Ture  
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(11) AU-A-2021201600  
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Donald J.; DAVIS, Paul E.  
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(54) Trailer Reversing System  
(51) Int. Cl.  
*B62D 13/06* ( 2006.01 )  
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(72) Spark, Ian James  
(74) Ian James Spark

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Power Company; East China Electric  
Power Test Research Institute Co., Ltd.;  
Xi'an Maorong Electric Power Equip-  
ment Co., Ltd.  
(11) AU-A-2020239762  
(21) 2020239762 (22) 31.07.2020  
(54) Device and method for detecting partial  
discharge of gas insulated switchgear  
based on flange bolt  
(51) Int. Cl.  
*H01H 33/26* ( 2006.01 )  
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Hua; LU, Qiyu; HUANG, Xingde; GAO,  
Kai; YUAN, Peng  
(74) Madderns Pty Ltd

(71) Tata Consultancy Services Limited  
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(54) System and method for digitized digit  
symbol substitution test  
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*A61B 5/16* ( 2006.01 )  
(43) 01.04.2021  
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Dasharath; Sinha, Aniruddha; Chatter-  
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usha  
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(71) Telefonaktiebolaget LM Ericsson (publ)  
(11) AU-A-2021201555  
(21) 2021201555 (22) 11.03.2021  
(54) SYSTEMS AND METHODS FOR  
SWITCHING REFERENCE CRYSTAL  
OSCILLATORS FOR A TRANSCEIVER  
OF A WIRELESS DEVICE  
(51) Int. Cl.  
*H04B 1/00* ( 2006.01 )  
*H03J 7/02* ( 2006.01 )  
*H03L 7/08* ( 2006.01 )  
(43) 01.04.2021  
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Sundström, Lars  
(74) AJ PARK

(71) Terex GB Limited  
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(54) MACHINE WITH CONFIGURABLE  
POWER SYSTEM

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**H02K 7/10** ( 2006.01 )  
**H02K 11/33** ( 2016.01 )  
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**THANDRA, V. see SHAABAN, A.F.**  
**(21)** 2021201566

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**The Board of Regents of the University of Texas System see Prilenia Neurotherapeutics Ltd.**  
**(21)** 2021201583

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**(71)** The Boeing Company  
**(11)** AU-A-2021201613  
**(21)** 2021201613      **(22)** 15.03.2021  
**(54)** Whisker reinforced high fracture toughness ceramic threaded fasteners  
**(51)** Int. Cl.  
**F16B 33/00** ( 2006.01 )  
**B28B 3/04** ( 2006.01 )  
**C04B 35/00** ( 2006.01 )  
**C04B 35/10** ( 2006.01 )  
**C04B 35/565** ( 2006.01 )  
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**(43)** 01.04.2021  
**(62)** 2016204479  
**(72)** DiChiara, Robert A.  
**(74)** Spruson & Ferguson

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**(11)** AU-A-2021201586  
**(21)** 2021201586      **(22)** 12.03.2021  
**(54)** DNA antibody constructs and method of using same  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2019202433  
**(72)** Weiner, David B.; Flingai, Seleeke; Sardesai, Niranjan; Muthumani, Karupiah  
**(74)** FB Rice Pty Ltd

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**(71)** Ticketmaster  
**(11)** AU-A-2021201564  
**(21)** 2021201564      **(22)** 11.03.2021  
**(54)** Apparatus and methods for providing queue messaging over a network  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
**(43)** 01.04.2021  
**(62)** 2019202130  
**(72)** SUSSMAN, Adam; BENNETT, Robert; DENKER, Dennis  
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**(71)** Tilkin, J.; Neuhaus, Y.; Naylor, M.J.  
**(11)** AU-A-2021201574  
**(21)** 2021201574      **(22)** 12.03.2021  
**(54)** Security system and method  
**(51)** Int. Cl.  
**H04N 7/18** ( 2006.01 )  
**G08B 13/196** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2016358200  
**(72)** Tilkin, Jorg; Neuhaus, Yves; Naylor, Matthew John  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** TNBT Holdings Pty Limited  
**(11)** AU-A-2021201559  
**(21)** 2021201559      **(22)** 11.03.2021  
**(54)** A Knuckle Joint  
**(51)** Int. Cl.  
**F16B 7/00** ( 2006.01 )  
**E04F 11/18** ( 2006.01 )  
**E04G 27/00** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2015234326  
**(72)** Drayton, Richard  
**(74)** Chrysilou IP

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**(71)** Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba  
**(11)** AU-A-2020203310  
**(21)** 2020203310      **(22)** 21.05.2020  
**(54)** Carbon dioxide capturing system and method of operating the same  
**(51)** Int. Cl.  
**B01D 53/62** ( 2006.01 )  
**B01D 53/78** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )

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**(72)** Udatsu, Mitsuru; Takada, Noriko; Handa, Yusuke; Kitamura, Hideo  
**(74)** Davies Collison Cave Pty Ltd

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**Tsinghua University see Nucotech Company Limited**  
**(21)** 2020230238

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**(71)** TuSimple, Inc.  
**(11)** AU-A-2020226986  
**(21)** 2020226986      **(22)** 31.08.2020  
**(54)** Sensory layout for autonomous vehicles

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**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**G01S 13/88** ( 2006.01 )  
**G01S 17/88** ( 2006.01 )  
**(31)** 16/572,155      **(32)** 16.09.19 **(33)** US  
**(43)** 01.04.2021  
**(72)** NIE, Lei  
**(74)** FB Rice Pty Ltd

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**(71)** UCB Biopharma SRL  
**(11)** AU-A-2021201515  
**(21)** 2021201515      **(22)** 10.03.2021  
**(54)** New bispecific format suitable for use in high-through-put screening  
**(51)** Int. Cl.

**C07K 16/00** ( 2006.01 )  
**C07K 14/39** ( 2006.01 )  
**C07K 16/14** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2015265900  
**(72)** FINNEY, Helene Margaret; RAPECKI, Stephen Edward; WRIGHT, Michael John  
**(74)** Griffith Hack

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**(71)** Universidad Politecnica de Madrid; Alise Devices, S.L.  
**(11)** AU-A-2021201592  
**(21)** 2021201592      **(22)** 12.03.2021  
**(54)** Method and device for achieving document security by generating multiple reflexive and transmissive latent images  
**(51)** Int. Cl.  
**B41M 3/14** ( 2006.01 )  
**B42D 25/30** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/364** ( 2014.01 )  
**B42D 25/373** ( 2014.01 )  
**G02B 5/30** ( 2006.01 )  
**G02F 1/00** ( 2006.01 )  
**G02F 1/13** ( 2006.01 )  
**G07D 7/121** ( 2016.01 )  
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**(74)** WADESON

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**(71)** Ventana Medical Systems, Inc.  
**(11)** AU-A-2021201551  
**(21)** 2021201551      **(22)** 11.03.2021  
**(54)** Quinone methide analog signal amplification  
**(51)** Int. Cl.  
**C07C 27/00** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )

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**(62)** 2020202647  
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**(71)** Vermeer Manufacturing Company  
**(11)** AU-A-2021201588  
**(21)** 2021201588      **(22)** 12.03.2021  
**(54)** Low profile compact tools carriers  
**(51)** Int. Cl.  
**E02F 3/02** ( 2006.01 )  
**(43)** 01.04.2021  
**(62)** 2016200234  
**(72)** Thomas, Brad; Hartke, Louis; Langenfeld, Greg; Hutchinson, Matt  
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**(71)** Wang, H.  
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 (51) Int. Cl.  
*E21B 43/247* ( 2006.01 )  
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 62/942,121 30.11.19 US  
 16/857,601 24.04.20 US  
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 (72) Wang, HanYi  
 (74) LAMINAR IP PTY LTD

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(71) Wonderland Switzerland AG  
 (11) AU-A-2020233754  
 (21) 2020233754 (22) 18.09.2020  
 (54) Child care apparatus  
 (51) Int. Cl.  
*A47D 9/02* ( 2006.01 )  
 (31) 201910881564.3 (32) 18.09.19 (33) CN  
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 (43) 01.04.2021  
 (72) HU, Junjie  
 (74) FB Rice Pty Ltd

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(71) Wright Medical Technology, Inc.  
 (11) AU-A-2021201552  
 (21) 2021201552 (22) 11.03.2021  
 (54) Osteotomy guide  
 (51) Int. Cl.  
*A61B 17/15* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
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 (62) 2019246771  
 (72) LUTTRELL, Paul; MULLER, Erin;  
 FREE, Daniel E.; WOODARD, Joseph  
 Ryan; MOORE, Jesse  
 (74) Spruson & Ferguson

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(71) Xactware Solutions, Inc.  
 (11) AU-A-2021201579  
 (21) 2021201579 (22) 12.03.2021  
 (54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques  
 (51) Int. Cl.  
*H04N 13/00* ( 2018.01 )  
 (43) 01.04.2021  
 (62) 2019200259  
 (72) Taylor, Jeffrey; Webecke, Edmund  
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<b>2019229376</b>	Opal Packaging Australia Pty Ltd	<b>2021200507</b>	ModernaTX, Inc.
<b>2019229377</b>	LIMACORPORATE S.P.A.	<b>2021200816</b>	Monsanto Technology LLC
<b>2019229403</b>	1IC GLOBAL PTY LTD	<b>2021201246</b>	Intuit Inc.
<b>2019229439</b>	EZPC PTY LTD	<b>2021201508</b>	ModernaTX, Inc.
<b>2019229458</b>	redpath, r.; Redpath, J.	<b>2021201510</b>	GW Pharma Limited
<b>2019232797</b>	Canon Kabushiki Kaisha	<b>2021201513</b>	Hayward Industries, Inc.
<b>2019232801</b>	Canon Kabushiki Kaisha	<b>2021201515</b>	UCB Biopharma SRL
<b>2019232802</b>	Canon Kabushiki Kaisha	<b>2021201516</b>	Genentech, Inc.
<b>2019232818</b>	Farmalinx Pty Ltd	<b>2021201517</b>	Tata Consultancy Services Limited
<b>2019257428</b>	Aristocrat Technologies Australia Pty Limited	<b>2021201518</b>	Immatics Biotechnologies GmbH
<b>2019257448</b>	Aristocrat Technologies Australia Pty Limited	<b>2021201519</b>	Google LLC
<b>2019279974</b>	Nutrition Care Pharmaceuticals Pty Ltd; Ausnutria Dairy (China) Co., Ltd	<b>2021201520</b>	Acres Technology
<b>2020201542</b>	Royal Caribbean Cruises Ltd.	<b>2021201521</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2020203310</b>	Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba	<b>2021201522</b>	Hill-Rom Services, Inc.
<b>2020204360</b>	Peterson, K.	<b>2021201523</b>	AgJunction LLC.
<b>2020210187</b>	Prysmian S.p.A.	<b>2021201524</b>	Samsung Electronics Co., Ltd.
<b>2020210211</b>	Innovatus Design Pty Ltd	<b>2021201538</b>	MedicalTree Patent Ltd
<b>2020217324</b>	Heraeus Medical GmbH	<b>2021201547</b>	Alnylam Pharmaceuticals, Inc.
<b>2020217344</b>	Wang, H.	<b>2021201551</b>	Ventana Medical Systems, Inc.
<b>2020220036</b>	Deere & Company	<b>2021201552</b>	Wright Medical Technology, Inc.
<b>2020220037</b>	Deere & Company	<b>2021201553</b>	Grand Performance Online Pty Ltd
<b>2020220111</b>	Lincoln Global, Inc.	<b>2021201554</b>	Gilead Sciences, Inc.
<b>2020220161</b>	Seminis Vegetable Seeds, Inc.,	<b>2021201555</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2020220192</b>	Prysmian S.p.A.	<b>2021201556</b>	Angel Playing Cards Co., Ltd.
<b>2020220221</b>	Bowey, J.	<b>2021201557</b>	Galderma Research & Development; Centre National de la Recherche Scientifique
<b>2020222156</b>	Emma Sleep GmbH	<b>2021201559</b>	TNBT Holdings Pty Limited
<b>2020223708</b>	Heraeus Medical GmbH	<b>2021201560</b>	Hahn, E.
<b>2020223718</b>	Accenture Global Solutions Limited	<b>2021201561</b>	PIONEER HI-BRED INTERNATIONAL, INC.
<b>2020226986</b>	TuSimple, Inc.	<b>2021201564</b>	Ticketmaster
<b>2020230238</b>	Nuctech Company Limited; Tsinghua University	<b>2021201566</b>	SHAABAN, A.F.; THANDRA, V.
<b>2020230253</b>	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Aix-Marseille Université; Centre National de la Recherche Scientifique	<b>2021201567</b>	CSR Building Products Limited
<b>2020230286</b>	Hunter Douglas Inc.	<b>2021201569</b>	CSEER Ventures, LLC.
<b>2020230288</b>	KAISHA PACKAGING Private Ltd.	<b>2021201570</b>	National University Of Ireland, Galway
<b>2020230289</b>	McCabe, D.	<b>2021201571</b>	DSM IP Assets B.V.; Evonik Operations GmbH
<b>2020230290</b>	Hunter Douglas Inc.	<b>2021201573</b>	OncoTherapy Science, Inc.
<b>2020230307</b>	GE Renewable Technologies	<b>2021201574</b>	Tilkin, J.; Neuhaus, Y.; Naylor, M.J.
<b>2020230343</b>	JING, H.; ATAOLGU, M.	<b>2021201577</b>	Blackhawk Network, Inc.
<b>2020230352</b>	SEEX, K.	<b>2021201579</b>	Xactware Solutions, Inc.
<b>2020230353</b>	Aristocrat Technologies, Inc.	<b>2021201583</b>	Prilenia Neurotherapeutics Ltd.; The Board of Regents of the University of Texas System
<b>2020233624</b>	Skrin Pty Ltd	<b>2021201584</b>	Arrowhead Pharmaceuticals, Inc.
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<b>2020233675</b>	Bulk Handling Australia Group Pty Ltd	<b>2021201586</b>	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; Inovio Pharmaceuticals, Inc.
<b>2020233680</b>	Terex GB Limited	<b>2021201588</b>	Vermeer Manufacturing Company
<b>2020233687</b>	BUILDING MANAGEMENT SYSTEMS AUSTRALIA PTY LTD	<b>2021201589</b>	InCube Labs, LLC
<b>2020233695</b>	Spark, I.	<b>2021201590</b>	Rural Innovations Pty Ltd
<b>2020233704</b>	PPG Industries Ohio, Inc.	<b>2021201592</b>	Universidad Politécnica de Madrid; Alise Devices, S.L.
<b>2020233754</b>	Wonderland Switzerland AG	<b>2021201594</b>	Cygnus Biosciences (Beijing) Co. Ltd.
<b>2020233771</b>	Carefree/Scott Fetzer Company	<b>2021201597</b>	Axon Enterprise, Inc.
<b>2020233785</b>	Aristocrat Technologies Australia Pty Limited	<b>2021201600</b>	Snap-on Incorporated
<b>2020239762</b>	State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.; Xi'an Maorong Electric Power Equipment Co., Ltd.	<b>2021201603</b>	MX Technologies Inc.
<b>2020256308</b>	First Institute of Oceanography, Ministry of Natural Resources; Qingdao National Laboratory for Marine Science and Technology Development Center	<b>2021201610</b>	Cantor G&W (Nevada), L.P.
<b>2020260542</b>	Coupang Corp.	<b>2021201611</b>	Levicept Limited
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<b>2020289819</b>	Equinix, Inc.	<b>2021201615</b>	Grand Performance Online Pty Ltd
<b>2020323961</b>	Institute of Geochemistry, Chinese Academy of Sciences	<b>2021201618</b>	Capna IP Capital, LLC
<b>2020343994</b>	Huawei Technologies Co., Ltd.		



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. (\*) Title not in Roman characters

. (\*\*) Title not given

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

.. **V.P.S. see M, M.**

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(21) 2021100097

**Aditya Sai Srinivas, T. see Bhatnagar, M.**

(21) 2021100084

(71) ADLAI NORTYE BIOPHARMA CO LTD

(11) AU-A-2020104403

(21) 2020104403 (22) 30.12.2020

(54) COMPOUND AND APPLICATION THEREOF IN SYNTHESIS OF PDL1 ANTAGONIST DRUG MOLECULES

(51) Int. Cl.

**C07D 401/14** ( 2006.01 )

**A61K 31/4439** ( 2006.01 )

**A61P 35/00** ( 2006.01 )

**C07D 213/30** ( 2006.01 )

(45) 01.04.2021

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(74) LAMINAR IP PTY LTD

**Ajay Rudrawar, A. see Nagpure, V.S.**

(21) 2020104381

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(71) Ankalu Vuyyuru, V.; Subhahan, D.A.; Naureen, A.; Anjanamma, C.; Rao, N.S.; M., M.; Vemula, P.; Krishna Chinta, M.; Sivakumaran, A.; Thatavarti, S.

(11) AU-A-2021100088

(21) 2021100088 (22) 07.01.2021

(54) A BLOCKCHAIN ENABLED SECURE BIG DATA COMPUTING FOR SMART CITIES AND SMART HEALTHCARE SYSTEM USING INTERNET OF THINGS

(51) Int. Cl.

**G16H 10/60** ( 2018.01 )

**G06F 21/62** ( 2013.01 )

**G16H 40/67** ( 2018.01 )

**G06F 16/00** ( 2019.01 )

**G06F 21/33** ( 2013.01 )

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**G16Y 10/60** ( 2020.01 )

(45) 01.04.2021

(72) Ankalu Vuyyuru, Veera; Subhahan, D. Abdus; Naureen, Ayesha; Anjanamma, Chappidi; Rao, N. Srinivasa; M., Maravarman; Vemula, Punnarao; Krishna Chinta, Murali; Sivakumaran, A.R.; Thatavarti, Satish

(74) Blessen Skariah Thomas

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(11) AU-A-2018102194

(21) 2018102194 (22) 22.06.2018

(54) Systems and methods for updating highly automated driving maps

(51) Int. Cl.

**G01C 21/20** ( 2006.01 )

(45) 01.04.2021

(72) Ma, Teng; Qu, Xiaozhi; Li, Baoli

(74) Caska Intellectual Property Pty Ltd

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(11) AU-A-2019101786

(21) 2019101786 (22) 10.12.2019

(54) Intelligent pig group rearing weighing method and apparatus, electronic device and storage medium

(51) Int. Cl.

**G01G 17/08** ( 2006.01 )

**A01K 29/00** ( 2006.01 )

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(45) 01.04.2021

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(74) Shelston IP Pty Ltd.

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(11) AU-A-2021100084

(21) 2021100084 (22) 07.01.2021

(54) IOT-Enable Wireless Sensor Networks for controlled And Safe Routing

(51) Int. Cl.

**H04L 12/721** ( 2013.01 )

**H04W 4/70** ( 2018.01 )

**H04W 28/26** ( 2009.01 )

**H04W 40/02** ( 2009.01 )

**H04W 40/08** ( 2009.01 )

**H04W 40/10** ( 2009.01 )

**H04W 40/12** ( 2009.01 )

**H04W 40/18** ( 2009.01 )

**H04W 40/20** ( 2009.01 )

**H04W 40/28** ( 2009.01 )

**H04W 40/30** ( 2009.01 )

**H04W 52/02** ( 2009.01 )

**H04W 84/18** ( 2009.01 )

(45) 01.04.2021

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(74) Monika Bhatnagar

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(21) 2021100092

(71) Chaurasiya, P.K.; Hemanand, D.; Rajak, U.; Verma, T.N.; Singh, T.S.; Chhawchharia, P.; Chakrabarti, T.; Hati, A.S.; Vincent, R.; Jothiprakash, V.M.; Reddy, R.H.N.; Chakrabarti, P.  
(11) AU-A-2021100083  
(21) 2021100083 (22) 07.01.2021  
(54) A dynamic legged locomotion process using the spring-loaded inverted pendulum (SLIP) for soft robot  
(51) Int. Cl.  
**B62D 57/032** ( 2006.01 )  
(45) 01.04.2021  
(72) Chaurasiya, Prem Kumar; Hemanand, D.; Rajak, Upendra; Verma, Tikendra Nath; Singh, Thokchom Subhaschandra; Chhawchharia, Pra-deep; Chakrabarti, Tulika; Hati, Ananda Shankar; Vincent, Rajiv; Jothiprakash, V. M.; Reddy, Reddappa Hosur Nanji; Chakrabarti, Prasun  
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(11) AU-A-2021100095  
(21) 2021100095 (22) 08.01.2021  
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(51) Int. Cl.  
**H01H 9/02** ( 2006.01 )  
**H01H 13/04** ( 2006.01 )  
**H01H 21/04** ( 2006.01 )  
**H01H 23/04** ( 2006.01 )  
(45) 01.04.2021  
(72) Ji, Hosuk; Iuliano, Michele  
(74) CJ Ho Holdings Pty Ltd

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(11) AU-A-2020104418  
(21) 2020104418 (22) 04.06.2020  
(54) Messless Caulking Gun  
(51) Int. Cl.

**B05C 17/01** ( 2006.01 )  
(45) 01.04.2021  
(72) RIEMELMOSER, John  
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**D., N. see S, P.**  
(21) 2020104386

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**Deepak Nagvekar, Y. see Nagpure, V.S.**  
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(71) Dongguan Good-Tech Design Consulting Co., Ltd.  
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(54) FASTENER DRIVING MACHINE  
(51) Int. Cl.  
**B25C 1/04** ( 2006.01 )  
**B25C 1/06** ( 2006.01 )  
(45) 01.04.2021  
(72) Xu, Ying  
(74) Remarkable IP

**Dutta, P. see Lakshman Pratap, N.**  
(21) 2020104414

**Frederick Fernandez, T. see Goyal, D.**  
(21) 2021100091

**G., P. see Jain, S.**  
(21) 2020103989

**G.G, M. see R, M.**  
(21) 2021100096

**Ganesh, E. see S, P.**  
(21) 2020104386

**Gopal Nagpure, S. see Sangno, R.**  
(21) 2021100085

(71) Goyal, D.; Kumar Tyagi, A.; Malik, S.; Frederick Fernandez, T.; Kakulapati, V.; Chordiya, S.B.; Sarkar, B.K.  
(11) AU-A-2021100091  
(21) 2021100091 (22) 07.01.2021  
(54) IUIT- Traffic Control Alert: Intelligent Traffic Control and Alert Using IoT-Based Technology  
(51) Int. Cl.  
**G01C 21/34** ( 2006.01 )  
**G01C 21/00** ( 2006.01 )  
**G08G 1/0968** ( 2006.01 )  
(45) 01.04.2021  
(72) Goyal, Deepti; Kumar Tyagi, Amit; Malik, Shaveta; Frederick Fernandez,

Terrance; Kakulapati, Vijayalakshmi; Chordiya, S. B.; Sarkar, B. K.  
(74) Deepti Goyal

(71) GOYAL, L.; BEHAL, S.; SRIVASTAVA, A.K.; SAINI, A.; S.  
(11) AU-A-2021100097  
(21) 2021100097 (22) 08.01.2021  
(54) BIRD RECOGNITION METHOD BASED ON DEEP LEARNING  
(51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**A01K 45/00** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
(45) 01.04.2021  
(72) GOYAL, LALIT MOHAN; BEHAL, SUNNY; SRIVASTAVA, ALOK KUMAR; SAINI, ANU; SURENDER  
(74) LALIT MOHAN GOYAL

**Harun Shaikh, S. see Nagpure, V.S.**  
(21) 2020104381

**Hati, A.S. see Chaurasiya, P.K.**  
(21) 2021100083

**Hati, A.S. see Bhatnagar, M.**  
(21) 2021100084

**Hemanand, D. see Chaurasiya, P.K.**  
(21) 2021100083

**Henan Polytechnic University see North China Institute of Science and Technology**  
(21) 2021100086

**Hengchuang Ningnan (Beijing) Technology Co., Ltd. see North China Institute of Science and Technology**  
(21) 2021100086

(71) HOLDHAM  
(11) AU-A-2021100075  
(21) 2021100075 (22) 07.01.2021  
(54) Medium for revision  
(51) Int. Cl.  
**G09B 1/32** ( 2006.01 )  
**G06K 19/06** ( 2006.01 )  
(31) 20 00 101 (32) 07.01.20 (33) FR  
(45) 01.04.2021  
(72) JOAN, Éric  
(74) FB Rice Pty Ltd

(71) Jain, S.; R. D., S.; Megavath, B.N.; Suresh, S.; Kumar, Y.; Chawla, P.; Sathyanathan, P.; Rani, M.G.; Warudkar, V.; Arya, A.  
(11) AU-A-2020103828  
(21) 2020103828 (22) 01.12.2020

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- (51) Int. Cl.  
*H02S 10/20* ( 2014.01 )  
*B60L 53/51* ( 2019.01 )  
*B60L 53/53* ( 2019.01 )  
*B60L 53/63* ( 2019.01 )  
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- (45) 01.04.2021
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- (74) JAGANNATH JADHAV
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- (21) 2020103989 (22) 09.12.2020
- (54) DOMAIN NAME PLAN FOR CROSS-CHAIN CONNECTIONS IN BLOCK-CHAIN SYSTEMS
- (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*G06F 16/27* ( 2019.01 )  
*G06F 16/955* ( 2019.01 )  
*H04L 29/00* ( 2006.01 )
- (45) 01.04.2021
- (72) Jain, Saurabh; Subramanian, Muthukumar; Karthika, G.; G., Pavithra; Manjunath, T. C.; Koti, Manjula Sanjay; Samanta, Debabrata; T. S., Deepthi Murthy
- (74) Saurabh Jain
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- Jayavani, L. see Satyanarayana, S.  
 (21) 2020103761
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- Jiangsu Hengyichuang Intelligent Technology Co., Ltd. see North China Institute of Science and Technology  
 (21) 2021100086
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- JIT SINGH, B. see R, M.  
 (21) 2021100096
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- Jothiprakash, V.M. see Chaurasiya, P.K.  
 (21) 2021100083
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- Kakulapati, V. see Goyal, D.  
 (21) 2021100091
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 (21) 2020103989
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- (71) Kaur, H.; Kumar, M.; Kumar, M.; Rani, S.; Kumar, K.
- (11) AU-A-2021100089
- (21) 2021100089 (22) 07.01.2021
- (54) A METHOD TO WORD RECOGNITION FOR THE POSTAL AUTOMATION AND A SYSTEM THEREOF
- (51) Int. Cl.  
*G06K 9/46* ( 2006.01 )  
*G06N 20/10* ( 2019.01 )  
*G06K 9/00* ( 2006.01 )  
*G06K 9/42* ( 2006.01 )  
*G06K 9/48* ( 2006.01 )
- (45) 01.04.2021
- (72) Kaur, Harmandeep; Kumar, Munish; Kumar, Manish; Rani, Simpel; Kumar, Krishan
- (74) Harmandeep Kaur
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 (21) 2020104381
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- K N, P. see M, M.  
 (21) 2020104377
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- Koti, M.S. see Jain, S.  
 (21) 2020103989
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- Krishna Chinta, M. see Ankalu Vuyyuru, V.  
 (21) 2021100088
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- Krishna Kumar, B. see Lakshman Pratap, N.  
 (21) 2020104414
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- Krishna Mohan, K. see Lakshman Pratap, N.  
 (21) 2020104414
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- Kumar, M.R. see Satyanarayana, S.  
 (21) 2020103761
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- Kumar, Y. see Jain, S.  
 (21) 2020103828
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- Kumar, S. see Nagpure, V.S.  
 (21) 2020104381
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- Kumar, M. see Kaur, H.  
 (21) 2021100089
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- Kumar, M. see Kaur, H.  
 (21) 2021100089
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- Kumar, K. see Kaur, H.  
 (21) 2021100089
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- KUMAR, N. see R, M.  
 (21) 2021100096
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- Kumar Chakraborty, S. see Kumar Ganguly, R.  
 (21) 2021100093
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- (71) Kumar Ganguly, R.; Kumar Chakraborty, S.
- (11) AU-A-2021100093
- (21) 2021100093 (22) 07.01.2021
- (54) ANTICANCER AND BIOREMEDIATING BIOTIC AGENTS IN AN INNOVATIVE VERMICOMPOST PREPARED FROM PAPER MILL WASTES
- (51) Int. Cl.  
*C05F 7/00* ( 2006.01 )  
*C05F 3/00* ( 2006.01 )  
*C05F 17/05* ( 2020.01 )  
*C05F 17/20* ( 2020.01 )  
*C05F 17/80* ( 2020.01 )  
*C12N 1/20* ( 2006.01 )  
*C12N 1/22* ( 2006.01 )  
*C12Q 1/02* ( 2006.01 )  
*C12Q 1/6869* ( 2018.01 )  
*C12Q 1/689* ( 2018.01 )  
*G01N 33/34* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )
- (45) 01.04.2021
- (72) Kumar Ganguly, Ram; Kumar Chakraborty, Susanta
- (74) Ram Kumar Ganguly
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 (21) 2021100091
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- (71) Lakshman Pratap, N.; Vallabhuni, R.R.; Ramesh Babu, K.; Sravani, K.; Krishna Kumar, B.; Srikanth, A.; Dutta, P.; V Papineni, S.L.; Biswas, N.; Krishna Mohan, K.
- (11) AU-A-2020104414
- (21) 2020104414 (22) 31.12.2020
- (54) A Novel Method of Effective Sentiment Analysis System by Improved Relevance Vector Machine
- (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*G06F 17/18* ( 2006.01 )  
*G06F 40/00* ( 2020.01 )  
*G06N 20/00* ( 2019.01 )  
*G06Q 30/02* ( 2012.01 )
- (45) 01.04.2021
- (72) Lakshman Pratap, Nalajala; Vallabhuni, Rajeev Ratna; Ramesh Babu, K.; Sravani, K.; Krishna Kumar, Bhagy-anagar; Srikanth, Angothu; Dutta, Pijush; V Papineni, Swarajya Lakshmi; Biswas, Nupur; Krishna Mohan, K.V.S.N.Sai
- (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- Latha, M. see Subbarao, D.  
 (21) 2020104250
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(11) AU-A-2020104377

(21) 2020104377 (22) 29.12.2020

(54) Intelligent Safe Home System for the Elderly People

(51) Int. Cl.

G08B 21/00 ( 2006.01 )

G08B 1/08 ( 2006.01 )

(45) 01.04.2021

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(74) ARUN SUNDARAM

M., M. see Ankalu Vuyyuru, V.

(21) 2021100088

(71) M. Alarifi, I.; Majmaah University

(11) AU-A-2020104387

(21) 2020104387 (22) 29.12.2020

(54) ARTIFICIAL BONE STRUCTURE AND METHOD OF MANUFACTURING ARTIFICIAL BONE STRUCTURE

(51) Int. Cl.

A61F 2/28 ( 2006.01 )

B33Y 50/02 ( 2015.01 )

B33Y 80/00 ( 2015.01 )

(45) 01.04.2021

(72) M. Alarifi, Ibrahim

(74) Ibrahim M. Alarifi

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(21) 2020104250

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(21) 2020104387

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(21) 2021100091

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(21) 2020103989

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(21) 2020103828

Misra, R. see Shinghal, K.

(21) 2021100024

MITAL, V. see R, M.

(21) 2021100096

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(21) 2020103761

N, M. see R, M.

(21) 2021100096

Naddunoori, M. see Subbarao, D.

(21) 2020104250

(71) Nagpure, V.S.; Subhash Nikam, D.; Kejariwal, M.; Deepak Nagvekar, Y.; Sukhadeo Thorat, V.; Ajay Rudrawar, A.; Vinayak Joshi, G.; Shashikant Gangatire, O.; Harun Shaikh, S.; Kumar, S.

(11) AU-A-2020104381

(21) 2020104381 (22) 29.12.2020

(54) Low-cost Brick: Environment-Friendly Low-Cost Multi Color Brick

(51) Int. Cl.

C04B 18/08 ( 2006.01 )

B28B 3/00 ( 2006.01 )

B28B 3/20 ( 2006.01 )

B28B 7/16 ( 2006.01 )

B28B 11/24 ( 2006.01 )

C04B 18/20 ( 2006.01 )

C04B 24/26 ( 2006.01 )

C04B 26/02 ( 2006.01 )

E04C 1/40 ( 2006.01 )

(45) 01.04.2021

(72) Nagpure, Vineet Santosh; Subhash Nikam, Dattatreya; Kejariwal, Mona; Deepak Nagvekar, Yogesh; Sukhadeo Thorat, Vinesh; Ajay Rudrawar, Ajinkya; Vinayak Joshi, Girish; Shashikant Gangatire, Omkar; Harun Shaikh, Sharif; Kumar, Shiv

(74) Vineet Santosh Nagpure

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(21) 2021100092

Naureen, A. see Ankalu Vuyyuru, V.

(21) 2021100088

Navaneethan, C. see Bhatnagar, M.

(21) 2021100084

Nidhi Singh, P. see Sangno, R.

(21) 2021100085

(71) North China Institute of Science and Technology; University of Science & Technology Beijing; Henan Polytechnic University; Hengchuang Ningan (Beijing) Technology Co., Ltd.; Jiangsu Hengyichuang Intelligent Technology Co., Ltd.

(11) AU-A-2021100086

(21) 2021100086 (22) 07.01.2021

(54) FLEXIBLE CONNECTION STRUCTURE OF GAS EXTRACTION DRILLING STABILITY MAINTENANCE DEVICE

(51) Int. Cl.

E21B 17/10 ( 2006.01 )

E21B 41/00 ( 2006.01 )

E21F 7/00 ( 2006.01 )

(45) 01.04.2021

(72) CHENG, Zhiheng; LIU, Biao; WANG, Hongbing; CHEN, Liang; YAN, Dahe; LI, Zhenhua; ZHAO, Can; YIN, Shuaifeng; DU, Feng; ZHANG, Jian

(74) LAMINAR IP PTY LTD

(71) Northwest Agriculture & Forestry University

(11) AU-A-2021100101

(21) 2021100101 (22) 08.01.2021

(54) A whitening health care drink of traditional Chinese medicine and its preparation method

(51) Int. Cl.

A61K 36/8994 ( 2006.01 )

A23L 2/74 ( 2006.01 )

A23L 33/105 ( 2016.01 )

A61K 8/9789 ( 2017.01 )

A61K 8/9794 ( 2017.01 )

A61K 36/284 ( 2006.01 )

A61K 36/42 ( 2006.01 )

A61K 36/48 ( 2006.01 )

A61K 36/481 ( 2006.01 )

A61K 36/484 ( 2006.01 )

A61K 36/65 ( 2006.01 )

A61K 36/752 ( 2006.01 )

A61Q 19/02 ( 2006.01 )

(45) 01.04.2021

(72) Ma, Tingting; Geng, Tonghui; Liu, Xuebo; Sun, Xiangyu

(74) Alder IP Pty Ltd

(71) Northwest Agriculture & Forestry University

(11) AU-A-2021100102

(21) 2021100102 (22) 08.01.2021

(54) A wine lees handmade soap and its preparation method

(51) Int. Cl.

C11D 9/04 ( 2006.01 )

A61Q 19/08 ( 2006.01 )

A61Q 19/10 ( 2006.01 )

(45) 01.04.2021

(72) Fang, Yulin; He, Shuang; Wang, Jiexing; Sun, Xiangyu; Wei, Mengyuan

(74) Alder IP Pty Ltd

(71) Norton, M.

(11) AU-A-2021100073

(21) 2021100073 (22) 07.01.2021

(54) The Brush Cutter Accessory Invention

(51) Int. Cl.

B25F 3/00 ( 2006.01 )

B24D 3/02 ( 2006.01 )

B24B 23/00 ( 2006.01 )

(31) 2019904501 (32) 28.11.19 (33) AU

(45) 01.04.2021

(72) Norton, Mathew Raymund

(74) Mathew Raymund Norton

P., S. see M, M.

(21) 2020104377

(71) Pandu, J.; Prabhakar Rao, B.; Satyanaraya Reddy, S.S.; Prabhakara

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**(11)** AU-A-2021100092  
**(21)** 2021100092 **(22)** 07.01.2021  
**(54)** IMCP-High Stake Examinations: Intelligent Method for Conducting High Stake Examinations Using Machine Learning Platform  
**(51)** Int. Cl.  
*G06Q 50/20* ( 2012.01 )  
**(45)** 01.04.2021  
**(72)** Pandu, J.; Prabhakar Rao, B.; Satyanaraya Reddy, S. Sai; Prabhakara Rao, Saggurthi; Prasad, R. Murali; Sudha, D. Naga; Narayana, G.; Rao, Ch. Sreenivasa; Chakrapani, Y.; Reddy, N. Sudhakar  
**(74)** J. Pandu
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- Pittala, S.K. see Bhatnagar, M.**  
**(21)** 2021100084
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- Ponnada, G.N. see Satyanarayana, S.**  
**(21)** 2020103761
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- Poojari, A. see M, M.**  
**(21)** 2020104377
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- (71)** Pop This Pop That Pty Ltd  
**(11)** AU-A-2021100080  
**(21)** 2021100080 **(22)** 07.01.2021  
**(54)** Display Stand Stabiliser for Merchandise Hook  
**(51)** Int. Cl.  
*A47F 5/08* ( 2006.01 )  
**(31)** 2020900428 **(32)** 14.02.20 **(33)** AU  
**(45)** 01.04.2021  
**(72)** Frost, Clayton  
**(74)** Alder IP Pty Ltd
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- (71)** Poultry Institute, Shandong Academy of Agricultural Sciences  
**(11)** AU-A-2021100081  
**(21)** 2021100081 **(22)** 07.01.2021  
**(54)** Biomarker for diagnosis of bovine tuberculosis and application thereof  
**(51)** Int. Cl.  
*C12Q 1/6883* ( 2018.01 )  
*G01N 21/64* ( 2006.01 )  
**(45)** 01.04.2021  
**(72)** Fang, Lichun; Wu, Jiaqiang; Qi, Lihong; Xin, Ting; Song, Lingling; Liu, Tao; Lv, Junfeng; Ju, Yan; Ai, Wu  
**(74)** Alder IP Pty Ltd
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- Prabhakara Rao, S. see Pandu, J.**  
**(21)** 2021100092
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**(21)** 2021100092
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- Prasad, R.M. see Pandu, J.**
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- Purushotham, G.R. see Satyanarayana, S.**  
**(21)** 2020103761
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- Purushottam Pawar, V. see Sangno, R.**  
**(21)** 2021100085
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- (71)** Qilu University of Technology  
**(11)** AU-A-2021100042  
**(21)** 2021100042 **(22)** 05.01.2021  
**(54)** WATER TRANSFER PAPER AND PREPARATION METHOD THEREOF  
**(51)** Int. Cl.  
*B44C 1/165* ( 2006.01 )  
*B05C 21/00* ( 2006.01 )  
*B05D 1/28* ( 2006.01 )  
*B44C 1/175* ( 2006.01 )  
*C09D 129/04* ( 2006.01 )  
*C09D 177/08* ( 2006.01 )  
*D21H 19/40* ( 2006.01 )  
*D21H 19/42* ( 2006.01 )  
*D21H 19/60* ( 2006.01 )  
*D21H 19/78* ( 2006.01 )  
*D21H 23/00* ( 2006.01 )  
**(31)** 202010458410.6 **(32)** 27.05.20 **(33)** CN  
**(45)** 01.04.2021  
**(72)** JIANG, Yifei; HAN, Wenjia; DING, Qijun; LI, Xia; XU, Qihong; LV, Gaojin; KONG, Fangong; JI, Xingxiang  
**(74)** LAMINAR IP PTY LTD
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- (71)** R, M.; G.G, M.; ALAPARTHI, N.; KUMAR, N.; MITAL, V.; BINDLE, A.; JIT SINGH, B.; RENJITH, S.; RAO, K.R.; N, M.  
**(11)** AU-A-2021100096  
**(21)** 2021100096 **(22)** 08.01.2021  
**(54)** AI-BASED CROP RECOMMENDATION SYSTEM FOR SMART FARMING TOWARDS AGRICULTURE 5.0  
**(51)** Int. Cl.  
*A01B 79/00* ( 2006.01 )  
*G06N 3/08* ( 2006.01 )  
**(45)** 01.04.2021  
**(72)** R, MUTHUKUMAR; G.G, MUTHUKUMAR; ALAPARTHI, NARMADA; KUMAR, NEERAJ; MITAL, VIKAS; BINDLE, ABHAY; JIT SINGH, BIKRAM; RENJITH, SHINI; RAO, K. RAJESHWAR; N, MADHANAKKUMAR  
**(74)** FORWARD INTELLECTUAL PROPERTY PTY LTD
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- R. D., S. see Jain, S.**  
**(21)** 2020103828
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- Rafee, S.M. see M, M.**  
**(21)** 2020104377
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- Raj, B. see Sangno, R.**  
**(21)** 2021100085
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- Rajak, U. see Chaurasiya, P.K.**  
**(21)** 2021100083
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- Ramesh Babu, K. see Lakshman Pratap, N.**  
**(21)** 2020104414
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- Rani, M.G. see Jain, S.**  
**(21)** 2020103828
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- Rani, S. see Kaur, H.**  
**(21)** 2021100089
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- Rao, T. see Subbarao, D.**  
**(21)** 2020104250
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- Rao, N.S. see Ankalu Vuyyuru, V.**  
**(21)** 2021100088
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- Rao, C.S. see Pandu, J.**  
**(21)** 2021100092
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- RAO, K.R. see R, M.**  
**(21)** 2021100096
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- Reddy, D.C. see Satyanarayana, S.**  
**(21)** 2020103761
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- Reddy, R.H.N. see Chaurasiya, P.K.**  
**(21)** 2021100083
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- Reddy, N.S. see Pandu, J.**  
**(21)** 2021100092
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- RENJITH, S. see R, M.**  
**(21)** 2021100096
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- (71)** S, P.; Ganesh, E.; S., M.; D., N.  
**(11)** AU-A-2020104386  
**(21)** 2020104386 **(22)** 29.12.2020  
**(54)** A SYSTEM AND METHOD FOR MONITORING, SENSING, ANALYZING AND HANDLING THE PRE-DETERMINED STATUS OF THE LIQUID METALS  
**(51)** Int. Cl.  
*G01N 33/205* ( 2019.01 )  
*G01N 21/01* ( 2006.01 )  
*G01N 22/02* ( 2006.01 )  
*G01S 17/88* ( 2006.01 )  
*G06F 16/10* ( 2019.01 )  
*G06N 20/00* ( 2019.01 )  
**(45)** 01.04.2021  
**(72)** S., Praveen; Ganesh, E.N.; S., Mahesh; D., Nagaraj  
**(74)** ARUN SUNDARAM
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- S., M. see S, P.**  
**(21)** 2020104386

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 (11) AU-A-2019101787  
 (21) 2019101787 (22) 23.08.2019  
 (54) Energy absorbing bollard assembly  
 (51) Int. Cl.  
     E01F 15/14 ( 2006.01 )  
     E01F 9/692 ( 2016.01 )  
     E01F 15/00 ( 2006.01 )  
     E01F 9/60 ( 2016.01 )  
 (31) 2018903131 (32) 24.08.18 (33) AU  
 (45) 01.04.2021  
 (72) HOTCHKIN, Thomas Luke  
 (74) Griffith Hack

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(71) SAFE SYSTEM SOLUTIONS PTY LTD  
 (11) AU-A-2021100100  
 (21) 2021100100 (22) 08.01.2021  
 (54) Frangible Pole  
 (51) Int. Cl.  
     E01F 9/635 ( 2016.01 )  
     E04H 12/08 ( 2006.01 )  
     E01F 9/658 ( 2016.01 )  
 (45) 01.04.2021  
 (72) Beer, Kenn  
 (74) SAFE SYSTEM SOLUTIONS PTY LTD

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 (21) 2021100097

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**Samanta, D. see Jain, S.**  
 (21) 2020103989

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(71) Sangno, R.; Gopal Nagpure, S.; Veer-  
 raju, M.S.; Shahuraj Shankar, S.;  
 Asghari Baighout, S.; Chordiya, S.B.;  
 Purushottam Pawar, V.; Raj, B.; Nidhi  
 Singh, P.; Sarkar, B.K.  
 (11) AU-A-2021100085  
 (21) 2021100085 (22) 07.01.2021  
 (54) ELC- Car Charging Location: Electric  
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 (51) Int. Cl.  
     H04L 29/08 ( 2006.01 )  
     B60L 53/66 ( 2019.01 )  
     G06Q 30/02 ( 2012.01 )  
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     G06Q 50/06 ( 2012.01 )  
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     B60L 53/62 ( 2019.01 )  
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     G07F 15/00 ( 2006.01 )  
     G08B 5/36 ( 2006.01 )  
     H02J 7/00 ( 2006.01 )  
     H04W 4/80 ( 2018.01 )  
 (45) 01.04.2021  
 (72) Sangno, Ralli; Gopal Nagpure, San-  
 tosh; Veerajaru, Mortha Sai; Shahuraj  
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 (74) Ralli Sangno

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 Purushotham, G.R.; Murthy, G.V.K.; Ku-  
 mar, M.R.; Ponnada, G.N.; Vinnakoti, S.  
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 (51) Int. Cl.  
     H02M 3/157 ( 2006.01 )  
     H02J 1/08 ( 2006.01 )  
 (45) 01.04.2021  
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 V.; Jayavani, Lagudu; Reddy, De-  
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 (11) AU-A-2021100094  
 (21) 2021100094 (22) 07.01.2021  
 (54) An Intelligent Solar Power Generation  
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 ternet of Things  
 (51) Int. Cl.  
     H02J 13/00 ( 2006.01 )  
     G08B 21/18 ( 2006.01 )  
     G16Y 40/35 ( 2020.01 )  
     H02J 7/35 ( 2006.01 )  
     H02J 15/00 ( 2006.01 )  
     H02S 20/32 ( 2014.01 )  
     H02S 40/30 ( 2014.01 )  
     H02S 50/00 ( 2014.01 )  
     H02M 1/00 ( 2007.01 )  
 (45) 01.04.2021  
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     G01R 23/02 ( 2006.01 )  
     G01J 4/04 ( 2006.01 )  
     G01J 5/28 ( 2006.01 )  
     G01R 29/08 ( 2006.01 )  
     H04B 10/70 ( 2013.01 )  
 (31) 202010435638.3 (32) 21.05.20 (33) CN  
 (45) 01.04.2021  
 (72) Hu, Jianyong; Chen, Ruiyun; Qin,  
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(71) Shinghal, K.; Saxena, A.; Misra, R.;  
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 (11) AU-A-2021100024  
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 (51) Int. Cl.  
     A01G 27/00 ( 2006.01 )  
     A01G 27/02 ( 2006.01 )  
     A01G 9/02 ( 2018.01 )  
 (45) 01.04.2021  
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 (74) Amit Saxena

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(11) AU-A-2019101785  
(21) 2019101785 (22) 06.08.2019  
(54) Systems and methods for selectively enabling the operation of a device  
(51) Int. Cl.  
H02J 7/00 ( 2006.01 )  
B25F 5/00 ( 2006.01 )  
G06K 19/07 ( 2006.01 )
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(45) 01.04.2021  
(72) HUGGINS, Mark; ROWE, Tyler J.; BRYAN, Frederick W.; THOMAS, Gian S.E.; STOKES, Mark K.; MCNABB, William M.  
(74) Griffith Hack
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(21) 2021100047 (22) 05.01.2021  
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(51) Int. Cl.  
E04H 12/32 ( 2006.01 )  
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(45) 01.04.2021  
(62) PCT/CN2019/095451  
(72) TIAN, Mingguang  
(74) LAMINAR IP PTY LTD
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(11) AU-A-2019101783  
(21) 2019101783 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(51) Int. Cl.  
G05D 1/02 ( 2020.01 )  
A01D 34/00 ( 2006.01 )  
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(45) 01.04.2021  
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(72) HAHN, Klaus; RICKEY, Todd Brandon; MONTGOMERY, Benjamin Edgar  
(74) Spruson & Ferguson
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- (71) White, C.  
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(21) 2021100077 (22) 07.01.2021  
(54) SnowGo  
(51) Int. Cl.  
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(45) 01.04.2021  
(72) White, Clive William  
(74) Clive William White
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- (71) Yangzhou University  
(11) AU-A-2021100074  
(21) 2021100074 (22) 07.01.2021  
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(51) Int. Cl.  
E01F 13/04 ( 2006.01 )  
E01F 9/529 ( 2016.01 )  
E01F 9/615 ( 2016.01 )  
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E01F 9/692 ( 2016.01 )  
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(11) AU-A-2021100019  
(21) 2021100019 (22) 04.01.2021  
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(51) Int. Cl.  
G05B 19/18 ( 2006.01 )  
B25J 5/00 ( 2006.01 )  
B25J 19/02 ( 2006.01 )  
G01J 5/00 ( 2006.01 )  
G01N 21/88 ( 2006.01 )  
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<b><u>A61Q 19 /-</u></b>	<b><u>B62B 15 /-</u></b>	<b><u>E01F 11 /-</u></b>	<b><u>G01N 22 /-</u></b>	<b><u>G07F 15 /-</u></b>	<b><u>H02J 13 /-</u></b>
2021100101 2021100102	2021100077	2021100074	2020104386 2021100093	2021100085	2021100094
<b><u>B05C 17 /-</u></b>	<b><u>B62B 17 /-</u></b>	<b><u>E01F 13 /-</u></b>	<b><u>G01R 23 /-</u></b>	<b><u>G07F 15 /-</u></b>	<b><u>H02J 15 /-</u></b>
2020104418	2021100077	2021100074	2021100076	2021100085	2021100094
<b><u>B05C 21 /-</u></b>	<b><u>B62D 57 /-</u></b>	<b><u>E01F 15 /-</u></b>	<b><u>G01R 29 /-</u></b>		
2021100042	2021100083	2019101787 2021100074	2021100076		
<b><u>B05D 1 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>G01S 17 /-</u></b>		
2021100042	2020104381	2019101787	2020104386		

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**H02J 3 /-**                      **No IPC Mark**

2020103828

**H02J 7 /-**

2019101785  
2020103828  
2021100085  
2021100094

**H02M 1 /-**

2021100094

**H02M 3 /-**

2020103761

**H02S 10 /-**

2020103828

**H02S 20 /-**

2021100094

**H02S 40 /-**

2021100094

**H02S 50 /-**

2021100094

**H04B 10 /-**

2021100076

**H04B 5 /-**

2019101783

**H04L 12 /-**

2021100084

**H04L 29 /-**

2020103989  
2021100085

**H04W 28 /-**

2021100084

**H04W 4 /-**

2020104250  
2021100019  
2021100084  
2021100085

**H04W 40 /-**

2021100084

**H04W 52 /-**

2021100084

**H04W 84 /-**

2021100084

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- . (\*\*) Title not given

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*A61K 31/497* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 27/00* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )  
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 (21) 2019343750 (22) 20.09.2019  
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*A43B 13/12* ( 2006.01 )  
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**A61M 13/00** ( 2006.01 )  
**B05B 7/14** ( 2006.01 )  
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**A61M 11/00** ( 2006.01 )  
**A61M 13/00** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**B05B 7/14** ( 2006.01 )  
**B05B 12/08** ( 2006.01 )  
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**G05D 16/04** ( 2006.01 )  
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**E04F 13/10** ( 2006.01 )  
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 (54) Binding machine  
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     C01G 37/00 ( 2006.01 )  
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     C01G 49/00 ( 2006.01 )



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B01J 21/18 (2006.01)  
B01J 23/04 (2006.01)  
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B82Y 30/00 (2011.01)  
C01B 3/40 (2006.01)  
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B01J 23/42 (2006.01)  
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B01J 23/652 (2006.01)  
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<p>(71) Tiko Energy Solutions AG (11) AU-A-2019323117 (21) 2019323117 (22) 13.08.2019 (54) System and method for electrical power and/or energy metering on multiple channels (51) Int. Cl. G01R 19/25 ( 2006.01 ) G01R 21/133 ( 2006.01 ) G01R 22/06 ( 2006.01 ) (87) WO2020/035507 (31) 985/18 (32) 14.08.18 (33) CH (43) 20.02.2020 (72) SELVAGGI, Yuri (74) AJ PARK</p>	<p>(71) United Biopharma Inc (11) AU-A-2018438163 (21) 2018438163 (22) 29.08.2018 (54) Afucosylated antibodies and manufacture thereof (51) Int. Cl. C12N 15/53 ( 2006.01 ) C12N 9/10 ( 2006.01 ) C12N 15/54 ( 2006.01 ) C12P 21/00 ( 2006.01 ) (87) WO2020/042022 (43) 05.03.2020 (72) PENG, Wen-Jiun; CHEN, Hui-Jung (74) Spruson &amp; Ferguson</p>	<p>(71) Vanda Pharmaceuticals Inc.. (11) AU-A-2019337627 (21) 2019337627 (22) 12.09.2019 (54) Improving sleep or post-sleep performance (51) Int. Cl. A61K 31/133 ( 2006.01 ) A61K 31/165 ( 2006.01 ) A61K 31/343 ( 2006.01 ) A61K 31/405 ( 2006.01 ) G01N 33/50 ( 2006.01 ) (87) WO2020/056117 (31) 62/730,467 (32) 12.09.18 (33) US (43) 19.03.2020 (72) POLYMEROPOULOS, Mihael H.; POLYMEROPOULOS, Christos; XIAO, Changfu (74) Cotters Patent &amp; Trade Mark Attorneys</p>
<p>(71) Transfert Plus, S.E.C. (11) AU-A-2019324747 (21) 2019324747 (22) 26.08.2019 (54) Methods and compounds for targeting sortilin receptors and inhibiting vasculogenic mimicry (51) Int. Cl. C07K 16/28 ( 2006.01 ) A61K 47/64 ( 2017.01 ) A61K 47/68 ( 2017.01 ) A61P 9/00 ( 2006.01 ) A61P 35/00 ( 2006.01 ) C07K 7/08 ( 2006.01 ) C07K 14/00 ( 2006.01 ) C07K 14/705 ( 2006.01 ) C07K 16/18 ( 2006.01 ) C40B 30/04 ( 2006.01 ) (87) WO2020/037434 (31) 62/722,726 (32) 24.08.18 (33) US 62/804,063 11.02.19 US (43) 27.02.2020 (72) BÉLIVEAU, Richard; ANNABI, Borhane; DEMEULE, Michel; LAROCQUE, Alain; CURRIE, Jean-christophe; ZGHEIB, Alain (74) Spruson &amp; Ferguson</p>	<p>(71) United Biopharma Inc (11) AU-A-2018438767 (21) 2018438767 (22) 29.08.2018 (54) Afucosylated antibodies and manufacture thereof (51) Int. Cl. C12N 5/10 ( 2006.01 ) C07K 16/00 ( 2006.01 ) (87) WO2020/042015 (43) 05.03.2020 (72) PENG, Wen-Jiun; CHEN, Hui-Jung (74) Spruson &amp; Ferguson</p>	<p>(71) Vivo Mobile Communication Co., Ltd. (11) AU-A-2019318317 (21) 2019318317 (22) 06.08.2019 (54) Connection failure recovery method and device (51) Int. Cl. H04W 76/19 ( 2018.01 ) (87) WO2020/029936 (31) 201810898696.2 (32) 08.08.18 (33) CN (43) 13.02.2020 (72) KIMBA DIT ADAMOU, Boubacar; YANG, Xiaodong; ZHENG, Qian (74) Adams Pluck</p>
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<p>(71) University of Rochester (11) AU-A-2019362029 (21) 2019362029 (22) 18.10.2019 (54) Immune modulators in combination with radiation treatment for advanced pancreatic cancer (51) Int. Cl. A61K 38/20 ( 2006.01 ) A61K 38/19 ( 2006.01 ) A61P 35/00 ( 2006.01 ) (87) WO2020/081929 (31) 62/747,830 (32) 19.10.18 (33) US</p>	<p>(71) Warsaw Orthopedic, Inc. (11) AU-A-2019325224 (21) 2019325224 (22) 14.08.2019 (54) Surgical implant including a body portion and at least one attached tier (51) Int. Cl. A61F 2/44 ( 2006.01 ) A61B 17/70 ( 2006.01 ) A61F 2/30 ( 2006.01 ) (87) WO2020/041055 (31) 16/107,694 (32) 21.08.18 (33) US (43) 27.02.2020 (72) DAVIS, Darren L.; LANGE, Eric C.; MELKENT, Anthony J. (74) FB Rice Pty Ltd</p>	<p>(71) Warsaw Orthopedic, Inc. (11) AU-A-2019325224 (21) 2019325224 (22) 14.08.2019 (54) Surgical implant including a body portion and at least one attached tier (51) Int. Cl. A61F 2/44 ( 2006.01 ) A61B 17/70 ( 2006.01 ) A61F 2/30 ( 2006.01 ) (87) WO2020/041055 (31) 16/107,694 (32) 21.08.18 (33) US (43) 27.02.2020 (72) DAVIS, Darren L.; LANGE, Eric C.; MELKENT, Anthony J. (74) FB Rice Pty Ltd</p>

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<b>2018438163</b>	United Biopharma Inc	<b>2019323824</b>	Fugro N.V.
<b>2018438767</b>	United Biopharma Inc	<b>2019324188</b>	Avalyn Pharma Inc.
<b>2018438845</b>	Terns Pharmaceuticals, Inc.	<b>2019324747</b>	Transfert Plus, S.E.C.
<b>2018440558</b>	GuaNovation Limited	<b>2019325224</b>	Warsaw Orthopedic, Inc.
<b>2018441217</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019325367</b>	Genius IP Ltd
<b>2018443517</b>	Brentwood Industries, Inc.	<b>2019325994</b>	SALENBIEN, R.H.
<b>2018445726</b>	Sanexen Services Environnementaux Inc.	<b>2019326067</b>	THIRUMAVALAVAN, V.
<b>2018446174</b>	Pujing Chemical Industry Co., Ltd	<b>2019326298</b>	Becton, Dickinson and Company
<b>2018446326</b>	Freeport-McMoran Inc.	<b>2019327700</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
<b>2018446335</b>	Pujing Chemical Industry Co., Ltd	<b>2019328530</b>	X4 Pharmaceuticals, Inc.
<b>2018446394</b>	Pujing Chemical Industry Co., Ltd	<b>2019328677</b>	Invectys SA
<b>2018446483</b>	Pujing Chemical Industry Co., Ltd	<b>2019329007</b>	Excalibur Pharmaceuticals, Inc.
<b>2018446680</b>	Pujing Chemical Industry Co., Ltd	<b>2019329433</b>	Avent, Inc.
<b>2018447034</b>	Pujing Chemical Industry Co., Ltd	<b>2019330418</b>	Yunjing Intelligence Technology (Dongguan) Co., Ltd.
<b>2018447125</b>	Pujing Chemical Industry Co., Ltd	<b>2019331552</b>	New-tec Integration (xiamen) Co. Ltd.,
<b>2018447545</b>	Societe Des Produits Nestle S.A.	<b>2019331670</b>	Invectys SA
<b>2018448123</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019331721</b>	Advamedica Inc.
<b>2018454451</b>	Multikraft Probiotics Australia Pty Ltd	<b>2019331866</b>	Noile-Immune Biotech, Inc.; Takeda Pharmaceutical Company Limited
<b>2019273774</b>	PIETERS, M.H.E.	<b>2019332400</b>	Metcela Inc.
<b>2019292557</b>	Marizyme Biotech	<b>2019332711</b>	Huawei Technologies Co., Ltd.
<b>2019301232</b>	Airbus Defence and Space Limited; Airbus Defence and Space SAS	<b>2019334608</b>	Max Co., Ltd.
<b>2019303771</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019334676</b>	Centre Léon-Bérard; Université Claude Bernard Lyon 1; Centre National De La Recherche Scientifique; Institut National de la Sante et de la Recherche Medicale (INSERM)
<b>2019315823</b>	TAN, W.	<b>2019335011</b>	Gatekeeper Systems, Inc.
<b>2019316651</b>	Ascendo Biotechnology, Inc.	<b>2019335392</b>	Ecolab USA Inc.
<b>2019316662</b>	Solenis Technologies, L.P.	<b>2019335513</b>	The Regents of The University of California
<b>2019316869</b>	ZTE Corporation	<b>2019335542</b>	Sanofi
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<b>2019317388</b>	Sharp Kabushiki Kaisha	<b>2019335607</b>	Stone Three Digital (Pty) Ltd
<b>2019317441</b>	JAMF Software, LLC	<b>2019335839</b>	Huawei Technologies Co., Ltd.
<b>2019317939</b>	Lemonex Inc.	<b>2019335963</b>	Max Co., Ltd.
<b>2019318209</b>	Diapin Therapeutics, LLC; The Regents of the University of Michigan	<b>2019335976</b>	LG Electronics Inc.
<b>2019318317</b>	Vivo Mobile Communication Co., Ltd.	<b>2019335977</b>	LG Electronics Inc.
<b>2019318440</b>	Arnolds Innovations Pty Ltd	<b>2019336038</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2019318441</b>	Nucleotrace Pty. Ltd.	<b>2019336245</b>	Beam Therapeutics Inc.
<b>2019318453</b>	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	<b>2019336308</b>	Bockatech Ltd
<b>2019318477</b>	Xarkle Ltd.	<b>2019336532</b>	Sanofi
<b>2019318583</b>	Huawei Technologies Co., Ltd.	<b>2019336598</b>	Baker Hughes Oilfield Operations LLC
<b>2019318859</b>	Vivo Mobile Communication Co., Ltd.	<b>2019336799</b>	R.P. Scherer Technologies, LLC
<b>2019319043</b>	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	<b>2019336870</b>	LG Electronics Inc.
<b>2019319257</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited	<b>2019337040</b>	Unitika Ltd.
<b>2019319606</b>	Brook Orthopaedics Ltd	<b>2019337093</b>	Can Technologies, Inc.
<b>2019319610</b>	Galapagos NV	<b>2019337591</b>	Cellphire, Inc.
<b>2019319942</b>	Equinox Ophthalmic, Inc.	<b>2019337618</b>	FMC Corporation
<b>2019320099</b>	New York University	<b>2019337627</b>	Vanda Pharmaceuticals Inc..
<b>2019320123</b>	FU, X.	<b>2019337733</b>	SACK, A.
<b>2019320140</b>	Xuzhou Xugong Foundation Construction Machinery Co., Ltd.	<b>2019337958</b>	Eni S.P.A.
<b>2019321177</b>	Boehringer Ingelheim International GmbH	<b>2019337970</b>	Brabender GmbH & Co. KG
<b>2019321449</b>	The Regents of The University of California	<b>2019338059</b>	Zenith Epigenetics Ltd.
<b>2019321470</b>	Innate Tumor Immunity, Inc.	<b>2019338124</b>	Fresenius Kabi Deutschland GmbH
<b>2019321645</b>	Christopherson, K.	<b>2019338169</b>	Huntsman International LLC
<b>2019321649</b>	Lone Gull Holdings, Ltd.	<b>2019338200</b>	Rewyndr, LLC
<b>2019321784</b>	Persi Del Marmo, P.	<b>2019338229</b>	iXblue
<b>2019321879</b>	Meunier Technologies Inc.	<b>2019338297</b>	TuSimple, Inc.
<b>2019322017</b>	Franke Technology and Trademark Ltd	<b>2019338446</b>	[24]7 .AI, INC.
<b>2019322858</b>	MEI Pharma, Inc.	<b>2019338450</b>	Juarez, I.
<b>2019322936</b>	New south Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd	<b>2019338540</b>	Lancium LLC
<b>2019323117</b>	Tiko Energy Solutions AG	<b>2019338541</b>	Lancium LLC
		<b>2019338602</b>	Kindred Biosciences, Inc.
		<b>2019338669</b>	Appario Global Solutions (AGS) AG
		<b>2019338923</b>	Rajaratnam, K.
		<b>2019338927</b>	Integral Systems Pty Ltd

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2019339006	Suzhou Zanrong Pharma Limited	2019362802	General Mills, Inc.
2019339090	Kyocera Corporation; The University of Tokyo	2019363679	Hilti Aktiengesellschaft
2019339446	Sinclair & Rush, Inc.	2019363840	Pfizer Inc.
2019339498	Lancium LLC	2019366767	Société des Produits Nestlé S.A.
2019339588	Giesecke+devrient Currency Technology GmbH	2019370713	Société des Produits Nestlé S.A.
2019339631	Fisher & Paykel Healthcare Limited	2019373665	Société des Produits Nestlé S.A.
2019339740	F. Hoffmann-La Roche AG	2019374925	Société des Produits Nestlé S.A.
2019339749	Louver-Lite Limited	2019377564	Mugen General Incorporated Association
2019339906	JPMorgan Chase Bank, N.A.	2019381748	Siemens Mobility, Inc.
2019340238	Built Environment Compliance Pty Ltd	2019383290	Huawei Technologies Co., Ltd.
2019340366	Mirati Therapeutics, Inc.	2019392683	Mirati Therapeutics, Inc.
2019340472	QuiaPEG Pharmaceuticals AB	2019397574	Peleman Industries, Naamloze Vennootschap
2019340588	Atlante S.R.L.	2019397990	Northrop Grumman Systems Corporation
2019340606	Stopak India Pvt. Ltd.	2019398023	Decision Scenarios Pty Ltd
2019340961	Shimadzu Corporation; The University of Tokyo	2019419376	Jand, Inc.
2019342136	Tautona Group IP Holding Company, L.L.C.	2019420129	Furna Inc.
2019342730	Lentigen Technology, Inc.	2019441553	ClearStream Technologies Limited
2019343110	PepsiCo, Inc.	2020233704	PPG Industries Ohio, Inc.
2019343627	i-SENS, Inc.	2020239762	State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.; Xi'an Maorong Electric Power Equipment Co., Ltd.
2019343750	BECK, H.; SCHUMACHER, T.	2020256308	First Institute of Oceanography, Ministry of Natural Resources; Qingdao National Laboratory for Marine Science and Technology Development Center
2019344557	Bayer Aktiengesellschaft	2020260542	Coupang Corp.
2019344927	Sangamo Therapeutics, Inc.	2020283042	Freenome Holdings, Inc.
2019346118	Novartis AG	2020289819	Equinix, Inc.
2019346134	Janssen Biotech, Inc.	2020323961	Institute of Geochemistry, Chinese Academy of Sciences
2019346373	Stryker Corporation	2020328701	China University of Mining and Technology
2019346381	Becton, Dickinson and Company	2020343994	Huawei Technologies Co., Ltd.
2019346652	Align Technology, Inc.		
2019347729	Conmed Corporation		
2019348135	Sunshine Lake Pharma Co., Ltd.		
2019348187	Dunlop, C.		
2019348400	Syngenta Crop Protection AG		
2019348401	Syngenta Crop Protection AG		
2019348407	Medela Holding AG		
2019349416	Becton, Dickinson and Company		
2019349642	Conmed Corporation		
2019349861	Reckitt Benckiser LLC		
2019349983	Cw Products Pty Ltd		
2019350257	Eiken Kagaku Kabushiki Kaisha		
2019350281	Syngenta Crop Protection AG		
2019350457	Li&Co AG		
2019350592	Novartis AG		
2019350701	Conmed Corporation		
2019352722	Synthon B.V.		
2019352740	Fronius International GmbH		
2019352968	Boston Scientific Scimed, Inc.		
2019353165	Smartcone Technologies Inc.		
2019353174	Novartis AG		
2019353693	Société des Produits Nestlé S.A.		
2019354340	Nipro Corporation		
2019354372	Capital One Services, LLC		
2019354390	The Board of Trustees of the Leland Stanford Junior University		
2019354771	The Board of Trustees of the University of Illinois		
2019355252	F. Hoffmann-La Roche AG		
2019355852	Boston Scientific Scimed, Inc.		
2019356011	Forma Therapeutics, Inc.		
2019356511	Evoqua Water Technologies LLC		
2019356772	The Regents of the University of Michigan		
2019357479	Edwards Lifesciences Corporation		
2019358615	Israel Atomic Energy Commission Nuclear Research Center - NEGEV		
2019359383	The Regents of the University of California		
2019359414	Advanced Accelerator Applications International SA		
2019359880	AAH Holdings, LLC		
2019360017	Autifony Therapeutics Limited		
2019360443	Johnson & Johnson Consumer Inc.		
2019361227	ETH Zürich		
2019361253	Janssen Vaccines & Prevention B.V.		
2019361340	Automobili Lamborghini S.p.A.		
2019361766	Eli Lilly and Company		
2019362029	University of Rochester		
2019362084	Ossia Inc.		

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<b><u>A01C 5 /-</u></b>	<b><u>A41D 27 /-</u></b>	<b><u>A61B 6 /-</u></b>	2019362029	<b><u>A61M 1 /-</u></b>	2019363840
2019335597	2019337733	2019339090	<b><u>A61K 39 /-</u></b>	2019346373	<b><u>A61P 19 /-</u></b>
<b><u>A01N 25 /-</u></b>	<b><u>A43B 13 /-</u></b>	<b><u>A61C 7 /-</u></b>	2019316651	2019348407	2019323455
2019349861	2019343750	2019346652	2019317939	<b><u>A61M 11 /-</u></b>	2019339740
<b><u>A01N 43 /-</u></b>	<b><u>A43B 7 /-</u></b>	<b><u>A61F 2 /-</u></b>	2019322858	2019355852	2019363840
2019337618	2019343750	2019325224	2019328677	<b><u>A61M 13 /-</u></b>	<b><u>A61P 21 /-</u></b>
2019348400	<b><u>A47B 3 /-</u></b>	2019357479	2019334676	2019352968	2019374925
2019348401	2019331552	<b><u>A61F 7 /-</u></b>	2019338602	2019355852	<b><u>A61P 25 /-</u></b>
2019350281	<b><u>A47C 27 /-</u></b>	2019348187	2019339740	<b><u>A61M 15 /-</u></b>	2019328530
<b><u>A01N 59 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61F 9 /-</u></b>	<b><u>A61K 45 /-</u></b>	2019355852	2019356011
2019349861	2019338923	2019319942	2019328530	2019420129	2019360017
<b><u>A01P 11 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61J 15 /-</u></b>	2019339740	<b><u>A61M 16 /-</u></b>	2019363840
2019349861	2019338923	2019329433	<b><u>A61K 47 /-</u></b>	2019339631	<b><u>A61P 27 /-</u></b>
<b><u>A23C 9 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61K 31 /-</u></b>	2019320099	<b><u>A61M 25 /-</u></b>	2019323455
2019370713	2018440558	2018438845	2019324747	2019292557	2019353174
<b><u>A23F 5 /-</u></b>	2019318477	2019315823	2019335513	<b><u>A61M 31 /-</u></b>	2019360017
2019366767	2019373665	2019319610	2019336799	<b><u>A61M 31 /-</u></b>	2019363840
<b><u>A23K 50 /-</u></b>	<b><u>A47K 7 /-</u></b>	2019322858	2019339740	2019352968	<b><u>A61P 29 /-</u></b>
2019370713	2019320123	2019323455	2019353174	2019355852	2019323455
<b><u>A23L 2 /-</u></b>	<b><u>A47L 11 /-</u></b>	2019328530	2019359414	<b><u>A61M 39 /-</u></b>	<b><u>A61P 3 /-</u></b>
2019377564	2019330418	2019329007	2019360443	2019326298	2019315823
<b><u>A23L 27 /-</u></b>	<b><u>A47L 9 /-</u></b>	2019337627	<b><u>A61K 51 /-</u></b>	2019338124	2019340472
2018447545	2019335977	2019338059	2019335513	<b><u>A61M 5 /-</u></b>	2019363840
<b><u>A23L 33 /-</u></b>	2019336870	2019339006	2019359414	2019329433	2019370713
2019370713	<b><u>A61B 1 /-</u></b>	2019340366	<b><u>A61K 8 /-</u></b>	<b><u>A61M 1 /-</u></b>	2019374925
2019374925	2019335392	2019342136	2019342136	2019359880	<b><u>A61P 31 /-</u></b>
<b><u>A23L 7 /-</u></b>	<b><u>A61B 17 /-</u></b>	2019346118	<b><u>A61K 9 /-</u></b>	<b><u>A61N 2 /-</u></b>	<b><u>A61P 35 /-</u></b>
2018447545	2019292557	2019348135	2019317939	2019359880	2019317939
<b><u>A23N 12 /-</u></b>	2019319606	2019350592	2019324188	<b><u>A61N 1 /-</u></b>	2019323455
2019366767	2019325224	2019352722	2019329007	2019359880	2019324747
<b><u>A24F 47 /-</u></b>	2019347729	2019354771	2019336799	<b><u>A61P 1 /-</u></b>	2019328677
2019420129	2019349642	2019356011	2019339740	2018438845	2019331866
<b><u>A41B 13 /-</u></b>	2019350701	2019360017	2019352722	2019353693	2019338059
2019337733	2019352968	2019360443	2019374925	2019361766	2019339006
<b><u>A41D 11 /-</u></b>	2019441553	<b><u>A61K 35 /-</u></b>	<b><u>A61L 15 /-</u></b>	2019363840	2019339740
2019337733	<b><u>A61B 18 /-</u></b>	2019331866	2019331721	<b><u>A61P 11 /-</u></b>	2019346118
<b><u>A41D 15 /-</u></b>	2019359880	2019332400	<b><u>A61L 2 /-</u></b>	2019319610	2019350592
2019337733	<b><u>A61B 3 /-</u></b>	2019337591	2019335392	<b><u>A61P 13 /-</u></b>	2019355252
<b><u>A41D 15 /-</u></b>	<b><u>A61B 5 /-</u></b>	2019353693	<b><u>A61L 27 /-</u></b>	<b><u>A61P 15 /-</u></b>	2019356772
2019337733	2019319942	2019292557	2019335392	2019323455	2019359414
<b><u>A41D 15 /-</u></b>	2018434640	2019316651	<b><u>A61L 29 /-</u></b>	2019363840	2019362029
2019337733	2019319942	2019317939	2019354340	<b><u>A61P 17 /-</u></b>	2019363840
2019337733	2019337093	2019318209	2019335392	2019323455	<b><u>A61P 5 /-</u></b>
		2019320099	<b><u>A61L 27 /-</u></b>	2019323455	2019338602
		2019321449	2019335392	2019323455	2019363840
		2019334676	2019346381	<b><u>A61P 17 /-</u></b>	
		2019335513	2019349416	2019323455	
		2019340472		2019329007	

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<b><u>A61P 7 /-</u></b>	<b><u>B01J 37 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07C 67 /-</u></b>	<b><u>C07D 411 /-</u></b>
2019363840	2018446680 2018447034	2019339446	2019318477	2018447125	2019337618
<b><u>A61P 9 /-</u></b>	<b><u>B02C 4 /-</u></b>	<b><u>B29C 55 /-</u></b>	<b><u>B82Y 10 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C07D 413 /-</u></b>
2019323455 2019324747 2019332400 2019338059	2019362802	2019337040	2019397990	2018447125	2018438845 2019337618
<b><u>A62C 2 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B31D 5 /-</u></b>	<b><u>B82Y 30 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07D 417 /-</u></b>
2019363679	2019355852	2019340606	2019317222	2019335542 2019336532	2019337618 2019356011
<b><u>A63B 69 /-</u></b>	<b><u>B05B 15 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07D 209 /-</u></b>	<b><u>C07D 471 /-</u></b>
2019318440 2019321645	2019355852	2019337040	2019317222	2019324188	2019338059 2019348135
<b><u>A63F 13 /-</u></b>	<b><u>B05B 7 /-</u></b>	<b><u>B32B 21 /-</u></b>	<b><u>C01G 37 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07D 487 /-</u></b>
2019317441	2019352968 2019355852	2019350457	2019322936	2019346118	2019339006 2019356011 2019356772 2019363840
<b><u>A63F 9 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 491 /-</u></b>
2019273774	2020328701	2019350457	2019322936	2019350592	2019323455 2019346118 2019350592
<b><u>B01D 53 /-</u></b>	<b><u>B21F 15 /-</u></b>	<b><u>B42C 5 /-</u></b>	<b><u>C01G 51 /-</u></b>	<b><u>C07D 231 /-</u></b>	<b><u>C07K 14 /-</u></b>
2018446174 2018446335 2018446394 2019337958	2019334608 2019335963	2019397574	2019322936	2019337618	2019321449 2019324747 2019334676 2019338602 2019344927 2019346134
<b><u>B01D 61 /-</u></b>	<b><u>B23D 45 /-</u></b>	<b><u>B42D 1 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07K 16 /-</u></b>
2019356511	2019325367	2019397574	2019356511	2019321470	2018438845 2019348400 2019348401 2019350281
<b><u>B01D 63 /-</u></b>	<b><u>B23D 47 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07D 261 /-</u></b>	<b><u>C07D 263 /-</u></b>
2019356511	2019325367	2019339588	2019321879	2019337618	2019337618
<b><u>B01F 3 /-</u></b>	<b><u>B23D 49 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>C05C 9 /-</u></b>	<b><u>C07D 275 /-</u></b>	<b><u>C07D 277 /-</u></b>
2019318477	2019325367	2019340606	2018454451	2019337618	2018438767 2019324747 2019328677 2019338602 2019339740 2019350257 2019355252 2019361253
<b><u>B01J 20 /-</u></b>	<b><u>B23D 51 /-</u></b>	<b><u>B61L 29 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07K 19 /-</u></b>
2019340961	2019325367	2019381748	2018454451	2019337618	2019336245
<b><u>B01J 21 /-</u></b>	<b><u>B25B 25 /-</u></b>	<b><u>B62B 5 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07D 275 /-</u></b>	<b><u>C07K 7 /-</u></b>
2018446335 2018446680 2019317222	2019325367	2019335011	2018454451	2019337618	2019324747 2019335513
<b><u>B01J 23 /-</u></b>	<b><u>B25J 11 /-</u></b>	<b><u>B62D 35 /-</u></b>	<b><u>C07C 201 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C08G 18 /-</u></b>
2018446335 2018446394 2018446680 2018447034 2018447125 2019317222	2019334608 2019335963	2019361340	2018446483	2019337618	2019338169
<b><u>B01J 31 /-</u></b>	<b><u>B25J 19 /-</u></b>	<b><u>B63B 22 /-</u></b>	<b><u>C07C 203 /-</u></b>	<b><u>C07D 317 /-</u></b>	<b><u>C08G 65 /-</u></b>
2019338169	2019335976 2019335977 2019336870	2020256308	2018446483	2019337618	2019343627
<b><u>B01J 35 /-</u></b>	<b><u>B25J 19 /-</u></b>	<b><u>B63B 25 /-</u></b>	<b><u>C07C 29 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C08J 5 /-</u></b>
2018446335 2019317222	2019336870	2019340606	2018446680 2018447034	2019323455 2019346118 2019350592 2019356011	2019337040
	<b><u>B25J 9 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>C07C 31 /-</u></b>	<b><u>C07D 403 /-</u></b>	
	2020256308	2020256308	2018446680 2018447034	2019321470 2019324188 2019356011 2019360017	
	2019335976 2019335977 2019336870	<b><u>B65B 13 /-</u></b>	<b><u>C07C 55 /-</u></b>		
		2019335963	2019336532		
	<b><u>B27B 19 /-</u></b>	<b><u>B65D 8 /-</u></b>	<b><u>C07C 59 /-</u></b>	<b><u>C07D 405 /-</u></b>	
	2019325367	2019337040	2019336532		
	<b><u>B29C 44 /-</u></b>	<b><u>B65H 45 /-</u></b>			
	2019336308	2019397574			

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<b>C10J 3 /-</b>		<b>F16L 55 /-</b>	<b>G01S 13 /-</b>	2020260542	<b>G16H 15 /-</b>
2019317222	<b>E03F 9 /-</b>	2018445726	2019338297	<b>G06Q 20 /-</b>	2019338927
	2018445726				
<b>C12G 3 /-</b>	<b>E04B 1 /-</b>	<b>F16L 57 /-</b>	<b>G01S 15 /-</b>	2019339906	<b>G16H 20 /-</b>
2019377564	2019363679	2018445726	2019338229	<b>G06Q 30 /-</b>	2019321177
	2019363679		2019338297		
<b>C12N 15 /-</b>	<b>E04F 13 /-</b>	<b>F16L 58 /-</b>	<b>G01S 17 /-</b>	2019318441	<b>G16H 30 /-</b>
2018438163	2019350457	2018445726	2019338297	<b>G06Q 50 /-</b>	2019338927
2019321449					
2019331866	<b>E04F 15 /-</b>	<b>F23G 7 /-</b>	2019338446	2019338446	<b>H01B 13 /-</b>
2019336245	2019350457	2018446174	<b>G06Q 90 /-</b>	2019343627	
2019354390					
2019359383	<b>E04G 21 /-</b>	<b>F28F 25 /-</b>	2018446326	2019340238	<b>H01H 33 /-</b>
2019361227	2019334608	2018443517	<b>G01S 7 /-</b>	<b>G06T 1 /-</b>	2020239762
	2019335963		2019338229		
<b>C12N 5 /-</b>	<b>E06B 5 /-</b>	<b>G01C 3 /-</b>	<b>G05D 16 /-</b>	2019335607	<b>H01H 47 /-</b>
2018438767	2019363679	2019353165	2019355852	<b>G06T 11 /-</b>	2019352740
2019331866					
2019332400	<b>E06B 9 /-</b>	<b>G01J 3 /-</b>	<b>G06F 1 /-</b>	2020233704	<b>H01L 39 /-</b>
2019354390	2019337093	2019337093	2019338540	<b>G06T 15 /-</b>	2019397990
2019359383	2019339749	<b>G01M 3 /-</b>	2019338541	2019316662	<b>H01Q 1 /-</b>
	2019349983	2019321784	2019339498	<b>G06T 19 /-</b>	2019301232
<b>C12N 9 /-</b>	<b>E21B 23 /-</b>	<b>G01N 11 /-</b>	2019340238	2019419376	<b>H01Q 15 /-</b>
2018438163	2019336598	2019337970		<b>G06T 7 /-</b>	2019301232
2019336245			2019358615		
2019344927	<b>E21B 43 /-</b>	<b>G01N 15 /-</b>	2019398023	2019335607	<b>H01Q 19 /-</b>
2019359383	2019336598	2019335607	<b>G06F 17 /-</b>	2019338200	2019301232
2019361227				2019419376	
<b>C12P 19 /-</b>	<b>E21C 35 /-</b>	<b>G01N 21 /-</b>	2018446326	<b>G06T 9 /-</b>	<b>H02J 3 /-</b>
2019359383	2019320140	2019335607	2019398023	2019338927	2019338540
		2019337093	<b>G06F 3 /-</b>	2019338541	2019338541
<b>C12P 21 /-</b>	<b>F01D 25 /-</b>	<b>G01N 30 /-</b>	2018434640	<b>G07D 7 /-</b>	2019339498
2018438163	2019325994	2019340961	2019338927	2019339588	2019352740
2019316651	<b>F01D 5 /-</b>	<b>G01N 33 /-</b>	<b>G06F 9 /-</b>	<b>G07F 11 /-</b>	<b>H02J 5 /-</b>
2019320099	2019325994	2019331670	2019354372	2019343110	2019338450
		2019335607	2020343994	<b>G08B 13 /-</b>	<b>H02J 50 /-</b>
<b>C12Q 1 /-</b>	<b>F02C 6 /-</b>	2019337627	<b>G06K 19 /-</b>	2019335011	2019362084
2019318441	2019325994	2019337970	2019359880	<b>G08B 21 /-</b>	<b>H02M 1 /-</b>
2019343627	<b>F03B 7 /-</b>	2019350257	2019362084	2019340238	2019352740
2019354390	2018445726	2019354390	<b>G06K 9 /-</b>	2019340238	
2020283042	<b>F04D 29 /-</b>	2019361227		<b>G08B 25 /-</b>	<b>H02M 7 /-</b>
	2019325994	<b>G01R 19 /-</b>	2019323824	2019340238	2019338450
<b>C22B 26 /-</b>		2019323117	2019338200	<b>G09B 1 /-</b>	<b>H03K 19 /-</b>
2020323961	<b>F03B 7 /-</b>	<b>G01R 21 /-</b>	2019358615	2019273774	2019397990
	2018445726	2019323117	2019397990	<b>G16C 20 /-</b>	<b>H04L 29 /-</b>
<b>C25B 1 /-</b>	<b>F16L 23 /-</b>	<b>G01R 22 /-</b>	<b>G06N 10 /-</b>	2019344557	2019318859
2019322936	2019348187	2019323117	2019335607	<b>G16H 10 /-</b>	2020289819
	<b>F16L 33 /-</b>	<b>G01R 31 /-</b>	<b>G06Q 10 /-</b>	2019338927	<b>H04L 5 /-</b>
<b>C25B 11 /-</b>	2019338124	2019352740	2019318441		2018448123
2019322936	<b>F16L 5 /-</b>		2019326067		2019303771
	2019348187				
<b>C40B 30 /-</b>	2019363679				
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**C07K 16/28** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
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**A61M 5/00** ( 2006.01 )  
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**A61M 5/142** ( 2006.01 )  
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**(51)** Int. Cl.  
**G01G 21/28** ( 2006.01 )  
**G01G 19/00** ( 2006.01 )  
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**A47J 31/40** ( 2006.01 )  
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**G01C 21/26** ( 2006.01 )  
**G01C 21/34** ( 2006.01 )  
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**C07D 403/12** ( 2006.01 )  
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**A61P 1/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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**B60T 7/20** ( 2006.01 )  
**B60T 8/17** ( 2006.01 )  
**G08G 1/00** ( 2006.01 )

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**A61P 17/00** ( 2006.01 )  
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 A61K 31/708 ( 2006.01 )  
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poration  
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distributor circuitry for sending an amp-  
litude-scaled current to digital-to-analog  
converters at the electrodes  
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**A61N 1/378** ( 2006.01 )  
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**A61N 1/36** ( 2006.01 )  
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**A61B 17/28** ( 2006.01 )  
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**G01V 1/38** ( 2006.01 )  
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Limited  
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duction arising from a low salinity wa-  
terflood  
**(51)** Int. Cl.  
**E21B 43/20** ( 2006.01 )  
**C09K 8/58** ( 2006.01 )  
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     **E03F 1/00** ( 2006.01 )  
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**C07D 401/12** ( 2006.01 )  
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**(54)** Anti-Orai1 antibody  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
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**A61P 29/00** ( 2006.01 )  
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**C07K 16/18** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Daiichi Sankyo Company, Limited  
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**(54)** Griseofulvin compound  
**(51)** Int. Cl.  
**C07D 307/94** ( 2006.01 )  
**A61K 31/343** ( 2006.01 )  
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**A61P 29/00** ( 2006.01 )  
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**F24F 13/30** ( 2006.01 )  
**F25B 49/02** ( 2006.01 )  
**F28D 15/02** ( 2006.01 )  
**H01L 23/467** ( 2006.01 )  
**H05K 7/20** ( 2006.01 )  
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**H02M 7/48** ( 2007.01 )  
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**H04W 16/04** ( 2009.01 )  
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**(51)** Int. Cl.  
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*G10L 19/02* ( 2006.01 )  
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 (74) Patenteur Pty Ltd

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 (74) FPA Patent Attorneys Pty Ltd

(71) DYNOMAX DRILLING TOOLS USA, INC.  
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 (51) Int. Cl.  
*E21B 21/08* ( 2006.01 )  
*E21B 34/14* ( 2006.01 )  
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 (74) Houlihan<sup>2</sup> Pty Ltd

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 (51) Int. Cl.  
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*A01N 43/36* ( 2006.01 )

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**C07D 207/26** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
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**(71)** Ecolab USA Inc.  
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**(21)** 2018229264 **(22)** 26.02.2018  
**(54)** Alkaline cleaning compositions comprising an alkylamino hydroxy acid and/or secondary amine and methods of reducing metal corrosion  
**(51)** Int. Cl.  
**C23F 11/14** ( 2006.01 )  
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**(54)** Molecules having one hydrophobic group and two identical hydrophilic ionic groups and compositions thereof  
**(51)** Int. Cl.  
**C07C 237/06** ( 2006.01 )  
**C09K 8/54** ( 2006.01 )  
**C09K 15/22** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
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**(71)** Edwards Lifesciences Corporation  
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**A61F 2/24** ( 2006.01 )  
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**(54)** Anti-human Notch 4 antibody  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Elbex Video Ltd.  
**(11)** AU-B-2017233676  
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**(54)** Decorative cover and keys for electrical wiring devices  
**(51)** Int. Cl.  
**H01H 25/00** ( 2006.01 )  
**H01H 13/14** ( 2006.01 )  
**H01H 13/28** ( 2006.01 )  
**H01H 23/14** ( 2006.01 )

**H01R 13/04** ( 2006.01 )  
**H01R 103/00** ( 2006.01 )  
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**(43)** 21.09.2017  
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**(71)** Electrolux Appliances Aktiebolag  
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**(21)** 2016218048 **(22)** 09.02.2016  
**(54)** Oven door and oven comprising an oven door  
**(51)** Int. Cl.  
**F24C 7/08** ( 2006.01 )  
**F24C 15/02** ( 2006.01 )  
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**(71)** Electrolux Appliances Aktiebolag  
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**(21)** 2016223750 **(22)** 04.02.2016  
**(54)** Rubber foot for a heatable metal device  
**(51)** Int. Cl.  
**F24C 15/10** ( 2006.01 )  
**A47B 91/06** ( 2006.01 )  
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**(43)** 01.09.2016  
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**(74)** Halfords IP

**(71)** Electrolux Appliances Aktiebolag  
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**(21)** 2016257610 **(22)** 20.04.2016  
**(54)** Locking device for a door of a domestic appliance  
**(51)** Int. Cl.  
**E05B 63/20** ( 2006.01 )  
**F24C 14/02** ( 2006.01 )  
**F24C 15/02** ( 2006.01 )  
**(87)** WO2016/177574  
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**(74)** Halfords IP

**(71)** Electrolux Appliances Aktiebolag  
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**(54)** Cooking oven  
**(51)** Int. Cl.  
**F16B 25/00** ( 2006.01 )  
**F24C 15/08** ( 2006.01 )  
**F16B 1/00** ( 2006.01 )  
**F16B 5/02** ( 2006.01 )

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**(74)** Halfords IP

**(71)** Elixiron Immunotherapeutics (Hong Kong) Limited  
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**(54)** Methods for treatment of HBV infection  
**(51)** Int. Cl.  
**A61K 38/02** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 39/44** ( 2006.01 )  
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**C07K 14/02** ( 2006.01 )  
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**C07K 16/24** ( 2006.01 )  
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**(54)** Multi-spectral three dimensional imaging system and method  
**(51)** Int. Cl.  
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**G01N 21/64** ( 2006.01 )  
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**(74)** Wallington-Dummer

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**(54)** Hepatitis B antiviral agents  
**(51)** Int. Cl.  
**C07D 261/20** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
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**(74)** Griffith Hack

**(71)** Endotronix, Inc.  
**(11)** AU-B-2016318038  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**(54)** Wear assembly  
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**B65H 3/54** ( 2006.01 )  
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**(51)** Int. Cl.  
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**C07D 471/04** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
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**C04B 41/45** ( 2006.01 )  
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**G02B 21/24** ( 2006.01 )  
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**G02B 21/36** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**C08L 77/06** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 215/22** ( 2006.01 )  
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 A61K 31/41 ( 2006.01 )  
 A61K 31/437 ( 2006.01 )  
 A61K 31/5365 ( 2006.01 )  
 A61P 25/16 ( 2006.01 )  
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 A61K 9/08 ( 2006.01 )  
 A61K 31/454 ( 2006.01 )  
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 A61K 47/38 ( 2006.01 )  
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 C12N 15/09 ( 2006.01 )  
 A01H 5/00 ( 2006.01 )  
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 C07K 7/14 ( 2006.01 )  
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 H01R 13/24 ( 2006.01 )  
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 H01R 35/04 ( 2006.01 )  
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 A61M 16/16 ( 2006.01 )  
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 F41J 1/01 ( 2006.01 )  
 F41J 9/16 ( 2006.01 )  
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**(54)** Immunoregulatory agents  
**(51)** Int. Cl.  
**C07D 215/06** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
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**A61K 31/496** ( 2006.01 )  
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**(74)** AJ PARK

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**(54)** Volute design for lower manufacturing  
 cost and radial load reduction  
**(51)** Int. Cl.  
**F04D 29/00** ( 2006.01 )  
**F04D 29/40** ( 2006.01 )  
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 tion module  
**(51)** Int. Cl.  
**E21B 33/035** ( 2006.01 )  
**H05K 7/14** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** FNAPen LLC  
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**A61B 10/02** ( 2006.01 )  
**A61B 10/00** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
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**E04H 4/14** ( 2006.01 )  
**E04G 17/14** ( 2006.01 )  
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**(43)** 23.03.2017  
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**(74)** Lord & Company

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 layered injection-moulded products  
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**B29C 45/16** ( 2006.01 )  
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**(74)** Griffith Hack

**(71)** FRANK'S INTERNATIONAL, LLC  
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**(54)** Remote fluid grip tong  
**(51)** Int. Cl.  
**E21B 19/16** ( 2006.01 )  
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**(62)** 2017327721  
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**(74)** Origin Patent and Trade Mark Attorneys

**(71)** Fred Hutchinson Cancer Research  
 Center  
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 receptors thereof  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )

**A61K 35/17** ( 2015.01 )  
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 C07D 277/62 ( 2006.01 )  
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 E21B 17/00 ( 2006.01 )  
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**(51)** Int. Cl.  
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**H01L 31/04** ( 2006.01 )  
**C01G 23/04** ( 2006.01 )  
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**C12Q 1/68** ( 2006.01 )  
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**A61B 17/56** ( 2006.01 )  
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**A61F 2/00** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** Wear-resistant iron-based alloy compositions comprising nickel  
**(51)** Int. Cl.  
**B23K 9/04** ( 2006.01 )  
**B23K 10/02** ( 2006.01 )  
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**C22C 1/04** ( 2006.01 )  
**C22C 38/02** ( 2006.01 )  
**C22C 38/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**B23K 9/04** ( 2006.01 )  
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**B23K 26/342** ( 2014.01 )  
**C22C 38/02** ( 2006.01 )  
**C22C 38/22** ( 2006.01 )  
**C22C 38/24** ( 2006.01 )  
**C22C 38/32** ( 2006.01 )

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**(51)** Int. Cl.  
**A61L 15/58** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
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**(54)** A barrier system  
**(51)** Int. Cl.  
**E01F 15/04** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**H04W 76/00** ( 2018.01 )  
**H04W 72/04** ( 2009.01 )  
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**H04W 36/04** ( 2009.01 )  
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**H04W 28/10** ( 2009.01 )

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**(51)** Int. Cl.  
**H04W 72/08** ( 2009.01 )  
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**(51)** Int. Cl.  
**B02C 18/36** ( 2006.01 )  
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**G05D 1/02** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
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**G01P 3/36** ( 2006.01 )  
**G01V 8/10** ( 2006.01 )  
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**G08B 15/00** ( 2006.01 )  
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**E04B 1/38** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
**A61K 35/74** ( 2006.01 )  
**A61K 39/04** ( 2006.01 )  
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 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A01N 43/62** ( 2006.01 )  
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**A61B 17/425** ( 2006.01 )  
**A61F 6/22** ( 2006.01 )  
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 (74) WRAYS PTY LTD

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 (51) Int. Cl.

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(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
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**C07C 69/34** ( 2006.01 )
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**A61N 1/36** ( 2006.01 )  
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**A61K 31/55** ( 2006.01 )  
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(51) Int. Cl.

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**A61B 34/10** ( 2016.01 )  
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 K.U.Leuven R&D; VIB VZW  
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 tolerance in yeast  
**(51)** Int. Cl.  
**C12N 9/88** ( 2006.01 )  
**C12P 7/10** ( 2006.01 )  
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**A61M 1/00** ( 2006.01 )  
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**B02C 13/06** ( 2006.01 )  
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 agent, and method for removing undif-  
 ferentiated stem cells  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/336** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
**A61K 31/4458** ( 2006.01 )  
**A61K 31/7004** ( 2006.01 )  
**A61K 35/12** ( 2015.01 )  
**A61K 35/34** ( 2015.01 )  
**A61K 45/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 9/99** ( 2006.01 )  
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 Fujita, Jun; Tanosaki, Sho  
**(74)** FPA Patent Attorneys Pty Ltd

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**(54)** A method for producing a sizing agent  
 composition, a sizing agent composition  
 and use thereof  
**(51)** Int. Cl.  
**D21H 21/16** ( 2006.01 )  
**D21H 17/00** ( 2006.01 )  
**D21H 17/23** ( 2006.01 )  
**D21H 17/28** ( 2006.01 )  
**D21H 19/54** ( 2006.01 )  
**D21H 19/58** ( 2006.01 )  
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**(21)** 2019201616 **(22)** 08.03.2019  
**(54)** SINGLE SERVE CAPSULE WITH A  
 CALENDERED FIBROUS MATERIAL  
**(51)** Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**(43)** 04.04.2019  
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**(72)** Empl, Günter; Hanisch, Marco  
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 ING A FILTER ELEMENT CONNec-  
 TED THERETO BY SEALING  
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**B65D 85/804** ( 2006.01 )  
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 Marco  
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 of skin aging  
**(51)** Int. Cl.  
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**A61Q 19/00** ( 2006.01 )  
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 VandeVen; Seidling, Jeffery Richard  
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**(11)** AU-B-2015390011  
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**(54)** Absorbent article with selectively posi-  
 tioned waist containment member  
**(51)** Int. Cl.  
**A61F 13/49** ( 2006.01 )  
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 Faulks, Michael J.  
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**(54)** Topically treated patterned tissue  
 product  
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**D21H 27/02** ( 2006.01 )  
**A47K 10/16** ( 2006.01 )  
**D21H 27/40** ( 2006.01 )  
**B31F 1/07** ( 2006.01 )  
**B31F 1/36** ( 2006.01 )  
**D21F 11/00** ( 2006.01 )  
**D21H 23/26** ( 2006.01 )  
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 Holz, Jeffrey Dean; Logut, Tara Marie;



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**(54)** Applicator for applying a microneedle array to skin  
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**A61M 37/00** ( 2006.01 )  
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**(54)** Method for monomerizing matrix metalloproteinase-7 (MMP-7) aggregate  
**(51)** Int. Cl.  
**C12N 9/64** ( 2006.01 )  
**A61K 38/46** ( 2006.01 )  
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**C12N 9/96** ( 2006.01 )  
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**(11)** AU-B-2016266484  
**(21)** 2016266484 **(22)** 22.03.2016  
**(54)** Plastic container product  
**(51)** Int. Cl.  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
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**(72)** Spallek, Michael; Geser, Johannes; Groh, Martin; Spreng, Philipp  
**(74)** FB Rice Pty Ltd
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- (71)** Kocher-plastik Maschinenbau GmbH  
**(11)** AU-B-2017227811  
**(21)** 2017227811 **(22)** 10.02.2017  
**(54)** Container consisting of plastic material, and method for producing a container of this type  
**(51)** Int. Cl.  
**A61J 1/05** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
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**(54)** Geographic information processing device, geographic information processing method, and program  
**(51)** Int. Cl.  
**G06T 17/05** ( 2011.01 )  
**G01C 11/06** ( 2006.01 )  
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**(54)** Elevator with linear motor  
**(51)** Int. Cl.  
**B66B 7/04** ( 2006.01 )  
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**B66B 11/04** ( 2006.01 )  
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- (71)** Koninklijke Douwe Egberts B.V.  
**(11)** AU-B-2016286224  
**(21)** 2016286224 **(22)** 30.06.2016  
**(54)** A container for containing a beverage base material, a beverage preparation system including an automatic beverage preparation apparatus and such a container, an automatic beverage preparation apparatus for use in such a beverage preparation system and a method of preparing a beverage using such a beverage preparation system  
**(51)** Int. Cl.  
**A47J 31/06** ( 2006.01 )  
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**B65D 85/804** ( 2006.01 )  
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**(54)** Smoking product to which triple care technology for reducing tobacco smell is applied  
**(51)** Int. Cl.  
**A24D 1/04** ( 2006.01 )  
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**(43)** 11.03.2021  
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**(72)** SEO, Man Seok; LEE, Hyoung Seok; CHO, Hyun Suk; KIM, Jong Yeol; LEE, Seung Hwan; LEE, Ik Pyo  
**(74)** H & H Lawyers
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**(54)** Method and device for video signal processing  
**(51)** Int. Cl.  
**H04N 19/593** ( 2014.01 )  
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**H04N 19/70** ( 2014.01 )  
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**(54)** Generation of haploid plants  
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**C12N 15/82** ( 2006.01 )  
**A01H 1/08** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**A01H 5/06** ( 2006.01 )  
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**C07K 14/415** ( 2006.01 )  
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 C10J 3/02 ( 2006.01 )  
 B01J 8/00 ( 2006.01 )  
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 A61K 31/196 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
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 (72) Atilio Los, Mario  
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 (54) APPARATUS FOR APPLICATION OF A CONDUCTIVE PATTERN TO A SUBSTRATE  
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 H05K 3/20 ( 2006.01 )  
 B41M 1/12 ( 2006.01 )  
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 G01D 4/00 ( 2006.01 )  
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 B81C 1/00 ( 2006.01 )  
 G02F 1/1343 ( 2006.01 )  
 G03F 7/00 ( 2006.01 )  
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 G05B 15/00 ( 2006.01 )  
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 (51) Int. Cl.  
 A21D 8/04 ( 2006.01 )  
 A21D 10/00 ( 2006.01 )  
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 C07F 9/6561 ( 2006.01 )  
 A61K 31/519 ( 2006.01 )  
 A61K 31/661 ( 2006.01 )

- A61P 35/00 ( 2006.01 )  
 C07D 495/04 ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys
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 A47C 21/06 ( 2006.01 )  
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 A47L 15/00 ( 2006.01 )  
 A47L 15/42 ( 2006.01 )  
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 H04W 28/06 ( 2009.01 )  
 H04W 8/02 ( 2009.01 )  
 H04W 80/10 ( 2009.01 )  
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 (51) Int. Cl.  
 D06F 39/02 ( 2006.01 )  
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*F25C 5/20* ( 2018.01 )  
*F25D 11/02* ( 2006.01 )  
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 (54) Device for detecting the replacement state of wear of a high-strength fibre cable for hoisting devices  
 (51) Int. Cl.  
*D07B 1/14* ( 2006.01 )  
*B66B 7/12* ( 2006.01 )  
*B66C 15/00* ( 2006.01 )  
*B66D 1/54* ( 2006.01 )  
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*A47B 3/087* ( 2006.01 )  
*A47B 3/091* ( 2006.01 )  
*A47B 13/08* ( 2006.01 )  
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*F16B 12/24* ( 2006.01 )  
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*C25B 1/04* ( 2021.01 )  
*A61M 16/10* ( 2006.01 )  
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 (74) A.P.T. Patent and Trade Mark Attorneys

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

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*C09F 9/00* ( 2006.01 )  
*C12H 1/20* ( 2006.01 )  
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*C02F 1/42* ( 2006.01 )  
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presenting turbulence data via commu-  
nication devices located on airplanes  
(51) Int. Cl.  
*B64D 43/00* (2006.01)  
*B64D 45/00* (2006.01)  
*G01C 21/20* (2006.01)  
*G01S 5/02* (2006.01)  
(87) WO2018/011791  
(31) 62/360,818 (32) 11.07.16 (33) US  
(43) 18.01.2018  
(44) 01.04.2021  
(72) Hampel, Oran; Nedivi, Zivi; Shitrit,  
Moshe  
(74) Griffith Hack

(71) Yissum Research Development Com-  
pany of the Hebrew University of Jerusa-  
lem Ltd; Melodea Ltd.  
(11) AU-B-2017266592  
(21) 2017266592 (22) 16.05.2017  
(54) Modified nanocrystalline cellulose ma-  
terials and formulations and products  
made therefrom  
(51) Int. Cl.  
*D21H 11/18* (2006.01)  
*D21H 11/20* (2006.01)  
*D21H 19/34* (2006.01)  
*D21H 19/52* (2006.01)

Applications Accepted - Name Index cont'd

**D21H 21/18** ( 2006.01 )  
**(87)** WO2017/199252  
**(31)** 62/337,014 **(32)** 16.05.16 **(33)** US  
**(43)** 23.11.2017  
**(44)** 01.04.2021  
**(72)** Ben Shalom, Tal; Shoseyov, Oded;  
 Lapidot, Shaul; Azerraf, Clarite; Nevo,  
 Yuval  
**(74)** Collison & Co

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**(71)** YSI, Inc.  
**(11)** AU-B-2016301228  
**(21)** 2016301228 **(22)** 02.08.2016  
**(54)** Multi excitation-multi emission fluoro-  
 meter for multiparameter water quality  
 monitoring  
**(51)** Int. Cl.  
**G01N 21/64** ( 2006.01 )  
**G01N 21/62** ( 2006.01 )  
**G01N 21/63** ( 2006.01 )  
**G01N 21/76** ( 2006.01 )  
**(87)** WO2017/023925  
**(31)** 62/200,336 **(32)** 03.08.15 **(33)** US  
**(43)** 09.02.2017  
**(44)** 01.04.2021  
**(72)** Flanagan, Kevin R.; Palassis, Chris-  
 topher J.  
**(74)** Shelston IP Pty Ltd.

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**Yu, G.S. see Daesan Biotech**  
**(21)** 2019204790

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**Yupo Corporation see Zeon Corporation**  
**(21)** 2017327140

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**(71)** Zeon Corporation; Yupo Corporation  
**(11)** AU-B-2017327140  
**(21)** 2017327140 **(22)** 12.09.2017  
**(54)** Laminated sheet and method for produ-  
 cing the same  
**(51)** Int. Cl.  
**B32B 27/00** ( 2006.01 )  
**B32B 5/32** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**C08J 9/30** ( 2006.01 )  
**C09J 11/06** ( 2006.01 )  
**C09J 133/00** ( 2006.01 )  
**G09F 3/10** ( 2006.01 )  
**(87)** WO2018/051984  
**(31)** 2016-181464 **(32)** 16.09.16 **(33)** JP  
**(43)** 22.03.2018  
**(44)** 01.04.2021  
**(72)** Ashida, Shinsuke; Sone, Atsushi; Shik-  
 ano, Tamio; Koike, Hiroshi  
**(74)** Spruson & Ferguson

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**(71)** Ziz Dental Care S.L.  
**(11)** AU-B-2017331481  
**(21)** 2017331481 **(22)** 22.09.2017  
**(54)** Device for assisted teeth cleaning  
**(51)** Int. Cl.  
**A46B 9/04** ( 2006.01 )  
**A46B 5/00** ( 2006.01 )  
**A46B 7/06** ( 2006.01 )  
**A61C 17/00** ( 2006.01 )  
**(87)** WO2018/055218

**(31)** EP16380033 **(32)** 23.09.16 **(33)** EP  
**(43)** 29.03.2018  
**(44)** 01.04.2021  
**(72)** Agudo Crespo, María Belén  
**(74)** Allens Patent & Trade Mark Attorneys

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**(71)** Zodiac Pool Care Europe  
**(11)** AU-B-2016329776  
**(21)** 2016329776 **(22)** 28.09.2016  
**(54)** Swimming pool cleaning system with  
 image capture device  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**H04N 5/225** ( 2006.01 )  
**(87)** WO2017/055737  
**(31)** 1559339 **(32)** 01.10.15 **(33)** FR  
**(43)** 06.04.2017  
**(44)** 01.04.2021  
**(72)** Pichon, Philippe  
**(74)** FB Rice Pty Ltd

Numerical Index

<b>2014202302</b>	GLOBAL LIFE SCIENCES SOLUTIONS OPERATIONS UK LTD	<b>2015337797</b>	Advanced Alloy Holdings Pty Ltd
<b>2014274555</b>	Strucomp	<b>2015338727</b>	Nemtek Holdings (Pty) Ltd
<b>2014285701</b>	Indian Council of Medical Research	<b>2015339290</b>	California Institute of Technology
<b>2014360328</b>	Celgene Corporation	<b>2015340622</b>	Dolby International AB
<b>2014361781</b>	The Broad Institute Inc.; Massachusetts Institute of Technology	<b>2015342201</b>	FOSTAG Formenbau AG
<b>2014364632</b>	Fresenius Medical Care Deutschland G.m.b.H.	<b>2015342940</b>	Flexus Biosciences, Inc.
<b>2014373588</b>	Centre for Addiction and Mental Health	<b>2015344482</b>	Agresearch Limited
<b>2014375928</b>	Guangdong Qizhi Biotechnology Co., Ltd	<b>2015344934</b>	BAE Systems PLC
<b>2014379438</b>	Oxford Nanopore Technologies Limited	<b>2015349891</b>	Biogen MA Inc.
<b>2014392629</b>	Kimberly-Clark Worldwide, Inc.	<b>2015350166</b>	Massachusetts Institute of Technology
<b>2014410710</b>	Technological Resources Pty Limited	<b>2015350223</b>	Rush University Medical Center
<b>2014413901</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2015353404</b>	American Lithium Energy Corporation
<b>2015203226</b>	AP WALKER DESIGN	<b>2015353703</b>	UCL Business PLC
<b>2015204346</b>	Fisk, S.	<b>2015357769</b>	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
<b>2015207928</b>	Caterpillar Inc.	<b>2015358513</b>	BP Corporation North America Inc.
<b>2015212752</b>	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Danstar Ferment AG	<b>2015358701</b>	Kao Corporation
<b>2015230938</b>	Regeneron Pharmaceuticals, Inc.	<b>2015360282</b>	Pierre Fabre Medicament
<b>2015249147</b>	Illinois Tool Works Inc.	<b>2015360611</b>	Berkeley Lights, Inc.
<b>2015255366</b>	Advanced Gene & Cell Technologies LLC (AGCT LLC)	<b>2015363754</b>	Uddeholms AB
<b>2015258319</b>	SIMPSON, D.C.; SIMPSON, C.	<b>2015364447</b>	SRI International
<b>2015262415</b>	KM Biologics Co., Ltd.	<b>2015365508</b>	Human Brain Wave S.r.l.
<b>2015265431</b>	Philibert, R.	<b>2015367208</b>	Bausch Health Companies Inc.
<b>2015266065</b>	Katholieke Universiteit Leuven, K.U.Leuven R&D; VIB ZVW	<b>2015372661</b>	Nitto Denko Corporation
<b>2015270450</b>	Exosomics S.p.A.	<b>2015377943</b>	Statoil (Beijing) Business Consulting Service Co., Ltd.; Statoil Gulf Services LLC
<b>2015270545</b>	Orion Diagnostica Oy	<b>2015384137</b>	DYNOMAX DRILLING TOOLS USA, INC.
<b>2015273214</b>	AquaGen AS	<b>2015389109</b>	Laboratorios Bago S.A.; Eastbrand Holding GmbH
<b>2015277113</b>	Mersana Therapeutics, Inc.	<b>2015390011</b>	Kimberly-Clark Worldwide, Inc.
<b>2015277376</b>	Arrowhead Pharmaceuticals, Inc.	<b>2015390217</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2015279705</b>	The Rockefeller University	<b>2015397096</b>	Habdank PV-Montagesysteme GmbH & Co. KG
<b>2015280234</b>	ALIOS BioPharma, Inc.	<b>2015399014</b>	CPAC Systems AB
<b>2015284425</b>	Probi USA, Inc.	<b>2015400257</b>	Kone Corporation
<b>2015289533</b>	Merck Sharp and Dohme Corp.; Advaxis, Inc.	<b>2015403475</b>	PerkinElmer Health Sciences, Inc.; PerkinElmer Cellular Technologies Germany GmbH
<b>2015290058</b>	University of Central Florida Research Foundation, Inc.	<b>2015409111</b>	Halliburton Energy Services, Inc.
<b>2015300037</b>	Daiichi Sankyo Company, Limited	<b>2015410690</b>	Halliburton Energy Services, Inc.
<b>2015300080</b>	Astellas Pharma Inc.	<b>2015416589</b>	Menicon Co., Ltd.
<b>2015301504</b>	Masergy Communications, Inc.	<b>2016200130</b>	Auvenco Pty Ltd
<b>2015302419</b>	Gillies McIndoe Research Institute	<b>2016200534</b>	Albert Johnson Pty Ltd
<b>2015305464</b>	IdentiFlight International, LLC	<b>2016201410</b>	Radux Devices, LLC
<b>2015305482</b>	Northwestern University	<b>2016201543</b>	Ace Products Holdings Pty Ltd
<b>2015305763</b>	Corning Optical Communications LLC	<b>2016201660</b>	Tata Consultancy Services Limited
<b>2015306091</b>	Touchgram Pty Ltd	<b>2016201836</b>	Fujitsu General Limited
<b>2015306603</b>	Pacific Biosciences of California, Inc.	<b>2016202287</b>	Delos Living LLC
<b>2015308721</b>	Children's Medical Center Corporation	<b>2016205030</b>	The Board of Trustees of The University of Illinois
<b>2015308822</b>	Matthews International Corporation	<b>2016206243</b>	Grifols, S.A.
<b>2015309289</b>	KWS Saat SE	<b>2016206832</b>	Immunolight, LLC.
<b>2015310913</b>	Vrije Universiteit Brussel; Oxford Nanopore Technologies Limited; VIB vzw	<b>2016207046</b>	Vivus, Inc.
<b>2015311400</b>	Birdie Biopharmaceuticals, Inc.	<b>2016208277</b>	The Heil Co.
<b>2015314771</b>	The Board of Trustees of The Leland Stanford Junior University; The University of Washington	<b>2016208474</b>	Cilian AG
<b>2015316830</b>	CommScope Connectivity Belgium BVBA	<b>2016208673</b>	Belina Pharma AB
<b>2015316991</b>	Innate Pharma	<b>2016214079</b>	Naturex SA
<b>2015317482</b>	Booz Allen Hamilton Inc	<b>2016217658</b>	Cubic Pharmaceuticals Ltd.; Delta Pharmaceuticals Ltd.
<b>2015318801</b>	Amtron Valve Monitoring Device Pty. Ltd.	<b>2016217659</b>	Cubic Pharmaceuticals Ltd.; Delta Pharmaceuticals Ltd.
<b>2015320214</b>	Novozymes A/S	<b>2016218048</b>	Electrolux Appliances Aktiebolag
<b>2015320353</b>	Sunhouse Technologies, Inc.	<b>2016218930</b>	SAS Systems Australia Pty Ltd.
<b>2015322543</b>	Chugai Seiyaku Kabushiki Kaisha	<b>2016218976</b>	Vanderbilt University; Cumberland Pharmaceuticals, Inc.
<b>2015323313</b>	Amgen Inc.	<b>2016219074</b>	The Trustees of the University of Pennsylvania
<b>2015324028</b>	Board of Regents of the University of Nebraska	<b>2016220682</b>	Samsung Electronics Co., Ltd.
<b>2015324111</b>	ChemoCentryx, Inc.	<b>2016222366</b>	Pyett, K.; Craig, W.
<b>2015330888</b>	Rochal Industries, LLC	<b>2016222413</b>	DOSS, J.P.; DOSS, A.X.
<b>2015332701</b>	Telefonaktiebolaget LM Ericsson (Publ)	<b>2016222484</b>	Heraeus Electro-Nite International N.V.
<b>2015335941</b>	AbbVie Inc.	<b>2016222850</b>	Board of Regents, The University of Texas System
		<b>2016223750</b>	Electrolux Appliances Aktiebolag
		<b>2016225000</b>	Curtana Pharmaceuticals, Inc.
		<b>2016225944</b>	Adobe Inc.

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2016226264	The Board of Trustees of the University of Illinois	2016305022	The Mosaic Company
2016226301	Purple Deck Media, Inc.	2016306569	Inspire Medical Systems, Inc.
2016226531	Sheldon, B.	2016307951	Ivantis, Inc.
2016227548	Buster and Punch Limited	2016308175	Warsaw Orthopedic, Inc.
2016228415	Heidelberg Pharma GmbH	2016308193	Abiomed, Inc.
2016231296	Eternit GmbH	2016310549	Arjohuntleigh AB
2016234923	Progress Rail Locomotive Inc.	2016314266	Natural Brew Inc
2016235059	HUVEPHARMA, INC.	2016314782	StraxCorp Pty Ltd
2016235541	The United States of America, as represented by The Secretary, Department of Health and Human Services	2016315477	Fluid Handling LLC
2016236605	Tasly Pharmaceutical Group Co., Ltd.	2016315648	CHDI Foundation, Inc.
2016236607	Tasly Pharmaceutical Group Co., Ltd.	2016316947	Vapotherm, Inc.
2016236608	Tasly Pharmaceutical Group Co., Ltd.	2016318038	Endotronix, Inc.
2016238323	Xpandortho, Inc.	2016318755	Capsol-Eop AS
2016239986	Agence Nationale Pour La Gestion Des Dechets Radioactifs; Constructions Mécaniques Consultants	2016320291	Leibniz-Institut für neue Materialien gemeinnützige GmbH
2016244217	Sears Brands, L.L.C.	2016321239	Nachurs Alpine Solutions, Corp.
2016246524	Intercept Pharmaceuticals, Inc.	2016322813	Pfizer Inc.
2016246616	Biomendics, LLC	2016323324	Casagrande, C.
2016248727	Galapagos NV	2016323412	Henkel AG & Co. KGaA
2016248802	Eisai R & D Management Co., Ltd.	2016323445	Genentech, Inc.
2016249567	Nitto Denko Corporation	2016324344	Foley, T.
2016250406	Fujitsu General Limited	2016325343	Amsted Rail Company, Inc.
2016253706	Adobe Inc.	2016329776	Zodiac Pool Care Europe
2016256552	Pronova BioPharma Norge AS	2016330964	Novira Therapeutics, Inc.
2016257610	Electrolux Appliances Aktiebolag	2016331658	Monash University
2016258868	Commissariat a l'Energie Atomique et aux Energies Alternatives; Centre National de la Recherche Scientifique; Universite de Montpellier	2016332745	McMillan, J.
2016260418	Smith & Nephew, Inc.	2016334381	Videx, Inc.
2016263292	Therapix Biosciences Ltd.	2016338382	Jetoptera, Inc.
2016263801	EMIT Imaging, Inc	2016339148	Intellitech Pty Ltd
2016265045	CCL Secure Pty Ltd	2016342173	BASF SE
2016266484	kocher-plastik Maschinenbau GmbH	2016343543	Liebherr-Components Biberach GmbH
2016267410	NewSouth Innovations Pty Limited	2016343874	Toroz Pte. Ltd.
2016268096	AgeneBio, Inc.	2016344294	Medtronic Navigation, Inc.
2016268222	Livonyx Inc.	2016344721	Karl Leibinger Medizintechnik GmbH & Co. KG
2016270372	Cianna Medical, Inc.	2016345065	IP Reserve Pty Ltd
2016271101	Curegenix Corporation	2016347360	Fischer Connectors Holding S.A.
2016273352	Suez International	2016347644	Amgen Inc.
2016275135	Cala Health, Inc.	2016347724	Sanofi
2016275565	Ventific Holdings Pty Ltd	2016350973	Sony Corporation
2016276509	Mackay Medical Foundation The Presbyterian Church in Taiwan Mackay Memorial Hospital	2016351566	Qualcomm Incorporated
2016277127	Spraying Systems Co.	2016353342	Intrexon Corporation
2016278351	Rope & Plastics Sales Pty Ltd	2016353806	Advanced New Technologies Co., Ltd.
2016278880	SwissLogo AG	2016354444	Ohio State Innovation Foundation
2016278966	Baxalta GmbH; Baxalta Incorporated	2016355438	Gohstand, D.
2016279486	NMD Pharma A/S	2016355653	LifeCell Corporation
2016279761	EPC Engineering & Technologies GmbH	2016357692	FNAPen LLC
2016280071	Stryker European Holdings I, LLC	2016357751	Robert Bosch GmbH; Robert Bosch Tool Corporation
2016280107	Warsaw Orthopedic, Inc.	2016359907	Janssen Sciences Ireland UC
2016280863	Estetra SPRL	2016361421	Cargill, Incorporated
2016282202	6 O'Clock Enterprises Pty Ltd	2016361425	Cargill Incorporated
2016283530	Biomet Manufacturing, LLC.	2016362009	Arjo IP Holding Aktiebolag
2016284054	SIMTEC, LLC	2016363536	Biocompatibility Innovation Srl
2016285140	Lesaffre et Compagnie	2016364014	Chinoïn Gyógyszer És Vegyészeti Termékek Gyára Zrt.
2016286224	Koninklijke Douwe Egberts B.V.	2016364800	Cosmed Pharmaceutical Co., Ltd.
2016287484	First Ray, LLC	2016365311	Disruptive Force LLC
2016287579	Poseida Therapeutics, Inc.	2016366783	The University of Iowa Research Foundation
2016287790	SegreTech Inc.	2016367207	Pieris Pharmaceuticals GmbH
2016291735	Warsaw Orthopedic, Inc.	2016369412	Midatech Pharma (Wales) Limited
2016292713	BASF SE	2016369593	NuVasive, Inc.
2016294750	Nunhems B.V.	2016369915	Electrolux Appliances Aktiebolag
2016295340	Fitzbionics Limited	2016370676	Avent, Inc.
2016298060	Hip Innovation Technology, LLC	2016370711	Alcon Inc.
2016301110	Archer, K.M.	2016371249	Priostar Pty Ltd; Dendritic Nanotechnologies, Inc.
2016301228	YSI, Inc.	2016371779	The University of North Carolina at Chapel Hill
2016301585	Adeka Corporation	2016372489	BioNTech RNA Pharmaceuticals GmbH; TRON Trans-lationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH
2016301764	LG Electronics Inc.	2016372614	Commissariat a l'Energie Atomique et aux Energies Alternatives
2016302127	Crossroads Extremity Systems, LLC	2016372821	Alcon Inc.
2016303209	E. I. du Pont de Nemours and Company	2016373306	Nexans
		2016374491	Evolution International Holdings Pty Ltd

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2016374759	Nippon Kayaku Kabushiki Kaisha	2017286154	Dow Global Technologies LLC; Rohm and Haas Company
2016375011	Bioboone Limited	2017289315	Janssen Pharmaceutica NV
2016375364	Kemira Oyj	2017289317	Janssen Pharmaceutica NV
2016378939	Thermo Pressure Technologies Limited	2017292052	Solo Gelato Ltd.
2016383022	Ascendis Pharma A/S	2017294712	Yamasee, Ltd.
2016384343	ViCentra B.V.	2017298615	Coopers Fire Limited
2016387346	Vertiv Corporation	2017301111	Nutrition Science Design Pte. Ltd
2016387870	Les Laboratoires Servier; Vernalis (R&D) Limited	2017309920	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2016390429	Skinprotect Corporation Sdn Bhd	2017315406	Sangamo Therapeutics, Inc.
2016396132	Halliburton Energy Services, Inc.	2017327140	Zeon Corporation; Yupo Corporation
2016397940	Guardian Glass, LLC; Guardian Europe S.a.r.l.	2017331481	Ziz Dental Care S.L.
2016406379	Nokia Technologies Oy	2017331743	Stephania Holdings Inc.
2016422911	E&S Healthcare Co., Ltd.	2017340920	Raytheon Company
2016427922	Chang Gung Memorial Hospital, Linkou	2017342027	Array Biopharma Inc.
2017200441	Adobe Inc.	2017345352	Cape Industries, LLC
2017200793	Covidien LP	2017346898	Keio University
2017201186	Biosense Webster (Israel) Ltd.	2017350688	Janssen Pharmaceutica NV
2017201338	SK Innovation Co., Ltd.; SK Energy Co., Ltd	2017355295	Indorama Ventures Oxides LLC
2017202280	Howmedica Osteonics Corp.	2017355528	Arizona Board of Regents on behalf of The University of Arizona
2017202987	Afton Chemical Corporation	2017358359	DiNonA
2017203521	Xirasol Pty Ltd	2017359936	Marine Constructions AS
2017204955	CSL Behring Lengnau AG	2017360701	CHEMAS Co., Ltd.
2017205710	Tahmouresinia, F.	2017364725	Japan Tobacco Inc.
2017208831	CareFusion 303, Inc.	2017366693	Arvinas Operations, Inc.
2017209935	Janssen Pharmaceutica NV	2017367277	Pharmafox Therapeutics AG
2017210771	Burcon Nutrascience (MB) Corp.	2017371677	Epiroc Drilling Solutions, LLC
2017211120	Regeneron Pharmaceuticals, Inc.	2017377898	Raytheon Company
2017219189	F. Hoffmann-La Roche AG	2017378316	Amgen Inc.
2017219413	Oorym Optics Ltd.	2017380107	Veterinärmedizinische Universität Wien
2017221070	Araclon Biotech, S.L.	2017380721	Mara Renewables Corporation
2017221142	Qualcomm Incorporated	2017385830	Seegene, Inc. .
2017222212	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft	2017387112	The ESAB Group Inc.
20172227811	kocher-plastik Maschinenbau GmbH	2017388776	China University of Mining and Technology
20172229007	Enanta Pharmaceuticals, Inc.	2017390354	Essity Hygiene and Health Aktiebolag
20172229259	Waldemar Link GmbH & Co. KG	2017390890	Sony Corporation
20172229994	OMS Investments, Inc.	2017395645	Essity Hygiene and Health Aktiebolag
2017232395	Oleon NV	2017397594	Huawei Technologies Co., Ltd.
2017233676	Elbex Video Ltd.	2017401372	Komatsu Ltd.
2017236250	BP Exploration Operating Company Limited	2017405271	LG Electronics Inc.
2017237000	The Quaker Oats Company	2017405325	Baker Hughes Holdings, LLC
2017238246	The Administrators of the Tulane Educational Fund	2017413894	Huawei Technologies Co., Ltd.
2017244736	Husqvarna AB	2017418932	Essity Hygiene and Health Aktiebolag
2017244777	Daiichi Sankyo Company, Limited	2017419266	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017245258	Qualcomm Incorporated	2017425660	Colgate-Palmolive Company
2017246211	Qualcomm Incorporated	2017433464	Evonik Specialty Chemicals (Shanghai) Co., Ltd.
2017246802	Chevron U.S.A. Inc.; Los Alamos National Security, LLC	2017440029	Intuit Inc.
2017248085	Holmes Solutions Limited Partnership	2017440800	Keestrack N.V.
2017248330	Source Global, PBC	2017444441	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017248347	Inolex Investment Corporation	2018204700	Regeneron Pharmaceuticals, Inc.
2017248674	Boehringer Ingelheim Animal Health USA Inc.; Genzyme Corporation	2018208312	Autoscan GmbH
2017252435	Warsaw Orthopedic, Inc.	2018211343	GEA Farm Technologies, Inc.
2017254315	VMI Holland B.V.	2018213153	Olipass Corporation
2017254469	Apogee Enterprises, Inc.	2018214075	Myriad Women's Health, Inc.
2017254618	Warsaw Orthopedic, Inc.	2018214122	The Schepens Eye Research Institute
2017259982	Pneuma Respiratory, Inc.	2018220149	Garrett Thermal Systems Limited
2017260305	Esteve Pharmaceuticals, S.A.	2018220816	Honeywell International Inc.
2017261464	Rural Innovations Pty Ltd	2018223142	Inventio AG
2017264479	Covidien LP	2018223149	AstraZeneca AB
2017264499	Kimberly-Clark Worldwide, Inc.	2018224889	The Yokohama Rubber Co., Ltd.
2017266592	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd; Melodea Ltd.	2018227737	Chengdu Huitai Biomedicine Co., Ltd.
2017268184	Taipei Medical University; National Taiwan University	2018229264	Ecolab USA Inc.
2017268384	United States Gypsum Company	2018229451	Centogene GmbH
2017268479	Excivion Limited	2018240256	Meyer Intellectual Properties Limited
2017271591	Landis+Gyr Innovations, Inc.	2018240337	Welltec A/S
2017272650	Suntory Holdings Limited	2018241327	Rheinmetall Waffe Munition GmbH
2017275748	Ferring B.V.	2018242117	Inventio AG
2017276704	Swedish Algae Factory Ab		
2017279878	Nerviano Medical Sciences S.R.L.		
2017283332	NEC Platforms, Ltd.		

Applications Accepted - Numerical Index cont'd

<b>2018246796</b>	University of Ulsan Foundation for Industry Cooperation; The ASAN Foundation; SNU R&DB Foundation	<b>2018353360</b>	Faes Farma, S.A.
<b>2018246872</b>	Merus N.V.	<b>2018353934</b>	Avixgen Inc.
<b>2018250459</b>	Sener, Ingeniería Y Sistemas, S.A.	<b>2018354167</b>	Cardiac Pacemakers, Inc.
<b>2018253611</b>	Syngenta Participations AG	<b>2018356367</b>	Agfa NV
<b>2018254602</b>	bioMerieux, Inc.	<b>2018359356</b>	CRRC Qingdao Sifang Rolling Stock Research Institute Co., Ltd.
<b>2018257566</b>	Rheinmetall Waffe Munition GmbH	<b>2018361264</b>	Guangdong Zhongsheng Pharmaceutical Co., Ltd; Guangdong Xianqiang Pharmaceutical Co., Ltd
<b>2018258119</b>	NantCell, Inc.	<b>2018361365</b>	AiCuris GmbH & Co. KG
<b>2018262891</b>	Novartis AG	<b>2018364954</b>	Northrop Grumman Systems Corporation
<b>2018263125</b>	Huawei Technologies Co., Ltd.	<b>2018369153</b>	Shanghai Covapor Energy Technology Co., Ltd
<b>2018265566</b>	Baylor University	<b>2018369903</b>	Hollister Incorporated
<b>2018269275</b>	Xiamen University	<b>2018370381</b>	Alphagen NZ Limited
<b>2018270853</b>	KT Corporation	<b>2018375161</b>	Leica Biosystems Imaging, Inc.
<b>2018271442</b>	Daikin Industries, Ltd.	<b>2018376325</b>	Red Bull GmbH
<b>2018271751</b>	Institute for Basic Science; Postech Academy-Industry Foundation	<b>2018377157</b>	Perusi, M.
<b>2018275757</b>	Clarichetti, G.	<b>2018380146</b>	Rotation Medical, Inc.
<b>2018277435</b>	Fujikura Ltd.	<b>2018381397</b>	Sakata Seed Corporation
<b>2018280534</b>	Tianjin Zhongxin Pharmaceutical Group Corp., Ltd. Research Institute Branch Company	<b>2018383864</b>	Nanjing Cavendish Bio-engineering Technology Co., Ltd.; XU, Y.
<b>2018282415</b>	Sharma, A.	<b>2018390121</b>	Nicoventures Trading Limited
<b>2018282427</b>	Glaxo Group Limited	<b>2018390417</b>	Wing Aviation LLC
<b>2018283227</b>	FMC Kongsberg Subsea AS	<b>2018391964</b>	Motorola Solutions, Inc.
<b>2018283902</b>	ExxonMobil Upstream Research Company	<b>2018393009</b>	Wing Aviation LLC
<b>2018283948</b>	CONMED Corporation	<b>2018394522</b>	JFE Steel Corporation
<b>2018287064</b>	EUROIMMUN Medizinische Labordiagnostika AG	<b>2018395837</b>	Waymo LLC
<b>2018288687</b>	Honeywell International Inc.	<b>2018395933</b>	Dropbox, Inc.
<b>2018290735</b>	CONMED Corporation	<b>2018403485</b>	Siemens Aktiengesellschaft
<b>2018290895</b>	MED-EL Elektromedizinische Geraete GmbH; Universidad de Salamanca	<b>2018406327</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018297621</b>	SMF-Holding GmbH	<b>2018407010</b>	Daikin Industries, Ltd.
<b>2018297680</b>	Teleflex Life Sciences Unlimited Company	<b>2018408601</b>	Camera Control at a Distance, LLC
<b>2018300043</b>	F. Hoffmann-La Roche AG	<b>2018408667</b>	Qingdao University of Technology
<b>2018303509</b>	China ENFI Engineering Corporation	<b>2018412750</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018303563</b>	Citrix Systems, Inc.	<b>2018413951</b>	Shanghai Liangxin Electrical Co., Ltd
<b>2018309187</b>	Skyhawk Therapeutics, Inc.	<b>2018420472</b>	China University of Mining and Technology; Xuzhou Olivine Geoscience & Geotech Co., Ltd; China University of Petroleum, East China; Anhui University of Science and Technology; Wuhan Institute of Technology
<b>2018309622</b>	MED-EL Elektromedizinische Geraete GmbH	<b>2018428788</b>	Siemens Mobility, Inc.
<b>2018310872</b>	Wong, L.V.	<b>2019200145</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018311607</b>	GD Midea Air-Conditioning Equipment Co., Ltd.	<b>2019200268</b>	OPKO Ireland Global Holdings, Ltd.
<b>2018311608</b>	GD Midea Air-Conditioning Equipment Co., Ltd.	<b>2019200741</b>	Sweet Green Fields USA LLC
<b>2018311725</b>	Guangzhou BeBetter Medicine Technology Co., Ltd.	<b>2019200789</b>	Translate Bio MA, Inc.
<b>2018313441</b>	Daikin Industries, Ltd.	<b>2019201585</b>	Husqvarna AB
<b>2018313983</b>	Edwards Lifesciences Corporation	<b>2019201606</b>	Ablynx NV
<b>2018315046</b>	Cobalt Blue Holdings Ltd	<b>2019201616</b>	K-fee System GmbH
<b>2018315101</b>	Huawei Technologies Co., Ltd.	<b>2019201669</b>	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
<b>2018317313</b>	General Electric Company	<b>2019201705</b>	Relievent Medsystems, Inc.
<b>2018321947</b>	SharkNinja Operating LLC	<b>2019201726</b>	Aragon Pharmaceuticals, Inc.
<b>2018322143</b>	3M Innovative Properties Company	<b>2019201881</b>	Tata Consultancy Services Limited
<b>2018324001</b>	Ecolab USA Inc.	<b>2019201971</b>	JADHAV, A.
<b>2018328418</b>	Jiangnan Environmental Protection Group Inc.	<b>2019202224</b>	Werner Co.
<b>2018328745</b>	Breville Pty Limited	<b>2019202286</b>	Briscoe, G.
<b>2018330118</b>	Mack Rides GmbH & Co. KG	<b>2019202398</b>	Axon Enterprise, Inc
<b>2018330635</b>	Connect LNG AS	<b>2019202435</b>	ImmunoGen, Inc.
<b>2018331011</b>	GD Midea Air-Conditioning Equipment Co., Ltd.	<b>2019202480</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
<b>2018331431</b>	Bendix Commercial Vehicle Systems LLC	<b>2019202498</b>	VOYAGER THERAPEUTICS, INC.
<b>2018331433</b>	Bendix Commercial Vehicle Systems LLC	<b>2019202530</b>	Seattle Genetics, Inc.
<b>2018334229</b>	Boston Scientific Neuromodulation Corporation	<b>2019202568</b>	Boehringer Ingelheim International GmbH
<b>2018336680</b>	Thales Management & Services Deutschland GmbH	<b>2019202702</b>	Vaxiion Therapeutics, LLC
<b>2018337138</b>	Beijing Scitech-MQ Pharmaceuticals Limited	<b>2019202717</b>	Aristocrat Technologies Australia Pty Limited
<b>2018338774</b>	Fronius International GmbH	<b>2019202743</b>	Tata Consultancy Services Limited
<b>2018339455</b>	Waymo LLC	<b>2019202783</b>	Snap-on Incorporated
<b>2018342223</b>	W. L. Gore & Associates, Inc.	<b>2019202785</b>	Advanced Green Biotechnology Inc.
<b>2018342359</b>	Beijing SMTP Technology Co., Ltd.	<b>2019202862</b>	K-fee System GmbH
<b>2018345621</b>	Amsted Rail Company, Inc.	<b>2019202865</b>	Shire Human Genetic Therapies, Inc.
<b>2018345706</b>	Google LLC	<b>2019202899</b>	LIFETIME PRODUCTS, INC.
<b>2018346712</b>	Fulcrum Therapeutics, Inc.		
<b>2018351966</b>	Edwards Lifesciences Corporation		
<b>2018352317</b>	Kindeva Drug Delivery L.P.		
<b>2018352740</b>	Mitsubishi Heavy Industries Engineering, Ltd.		
<b>2018352750</b>	Mitsubishi Heavy Industries Engineering, Ltd.		
<b>2018352936</b>	Suzhou Microview Medical Technologies Co., Ltd.; Wuxi Hisky Medical Technologies Co., Ltd.		



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2019202954	Aristocrat Technologies Australia Pty Limited	2019257379	Vaccinex, Inc.
2019202992	Rovi Guides, Inc.	2019257395	SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
2019203011	Aristocrat Technologies Australia Pty Limited	2019257493	Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)
2019203052	FISHER & PAYKEL HEALTHCARE LIMITED	2019257536	Globaltech Corporation Pty Ltd; Longyear TM, Inc.
2019203056	Werner Co.	2019264600	Children's Hospital & Research Center at Oakland
2019203114	Battelle Memorial Institute	2019264685	Herlev Hospital; Immudex ApS
2019203174	DexCom, Inc.	2019268044	Boston Scientific Scimed, Inc.
2019203199	Lytix Biopharma AS	2019271926	Vision Engineering Limited
2019203339	ESAB AB	2019272018	Shanghai Golden Leaf Med Tec Co., Ltd.
2019203719	Nuvasive, Inc.	2019272433	Boston Scientific Scimed, Inc.
2019203755	Commhealth Systems Pty Limited	2019275536	Tai Han Electric Wire Co., Ltd.
2019203772	SENSEE, Inc.	2019275589	Avigilon Analytics Corporation
2019203824	Tyco Fire & Security GmbH	2019275594	Syqe Medical Ltd.
2019203938	Levitation Sciences LLC	2019279955	Medlumics S.L.
2019204163	MC Health Tech S.L.	2019280994	Saphyre, Inc.
2019204318	MX Technologies Inc.	2019283781	Intercontinental Great Brands LLC
2019204338	Depuy Spine, Inc.	2019283795	Aurigene Discovery Technologies Limited
2019204368	Snap-on Incorporated	2019283806	Constructions Mecaniques Consultants; Agence Nationale Pour La Gestion Des Dechets Radioactifs
2019204369	Firma Klaus Multiparking GmbH	2019283896	Bimeda Finance S.a.r.l.
2019204381	Gilead Sciences, Inc.	2019283930	Lummus Corporation
2019204561	KCI Licensing, Inc.	2019284105	TRANSELL CO., LTD
2019204607	Covidien LP	2019284136	Intex Holdings Pty Ltd
2019204644	Corning Incorporated	2019284160	Hanwha Corporation
2019204666	Applied Medical Resources Corporation	2019290870	JGC Corporation
2019204698	LIN, H.	2019296941	Höganäs AB (publ)
2019204780	Orangebox Limited	2019296943	Höganäs AB (publ)
2019204790	Daesan Biotech; Lee, G.H.; Yu, G.S.	2019316539	Graymont Western Canada Inc.
2019204811	Implantica Patent Ltd	2019317251	Raytheon Company
2019204916	FarmHannong Co., Ltd.	2019320617	KT&G Corporation
2019204948	Stryker Corporation	2019326288	Intuit Inc.
2019205028	ESCO Group LLC	2019329379	Intuit Inc.
2019205203	Becton, Dickinson and Company	2019329794	AMVAC Hong Kong Limited
2019205977	GE Global Sourcing LLC	2019334235	China University of Mining and Technology
2019206005	Rite-Hite Holding Corporation	2019336264	RUTGERS, J.E.
2019206049	Merck Sharp & Dohme Corp.	2019341066	MabPlex International, Ltd.
2019208242	Intellikine, LLC.	2019345614	Shanghai Guanmei Intelligent Logistics Technology Co., Ltd
2019210414	Jiangxi Caishi Pharmaceutical Technology Co., Ltd.	2019350584	Apple Inc.
2019210531	The Scripps Research Institute	2019369820	CTI Engineering Co., Ltd.
2019210609	LG ELECTRONICS INC.	2019412598	Mizkan Holdings Co., Ltd.
2019210632	Aerie Pharmaceuticals, Inc	2019427987	China University of Mining and Technology; China Mining & Civil New Material Science and Technology Ltd.
2019213301	American Science and Engineering, Inc.	2020200040	ConocoPhillips Company
2019213394	Sage Therapeutics, Inc.	2020200224	Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH
2019213439	The Reliable Automatic Sprinkler Co., Inc.	2020200326	Warren, D.
2019215342	Northrop Grumman Systems Corporation	2020200354	LANDA LABS (2012) LTD
2019222644	Gilead Sciences, Inc.	2020200360	Covidien LP
2019222805	FRANK'S INTERNATIONAL, LLC	2020200435	Shihezi University
2019222809	Bedford Systems LLC	2020200511	Dali Systems Co. Ltd.
2019222859	Apple Inc.	2020200687	LG Electronics Inc.
2019222934	Accenture Global Solutions Limited	2020200941	Beiersdorf AG
2019223716	Qualcomm Incorporated	2020200984	SunPower Corporation
2019226186	Apellis Pharmaceuticals, Inc.	2020201023	Apple Inc.
2019226193	AVI-On Labs, LLC	2020201126	AddOn Optics Ltd.
2019226302	Exelixis, Inc.	2020201174	Bioniz, LLC
2019227507	Sage Therapeutics, Inc.	2020201408	Rearden, LLC
2019228569	NovaScan, Inc.	2020201527	BrightGene Bio-Medical Technology Co., Ltd.
2019229397	The Trustees of the University of Pennsylvania	2020201537	PARIS, J.
2019229421	EUROIMMUN Medizinische Labordiagnostika AG	2020201641	CareFusion 303, Inc.
2019229438	Fred Hutchinson Cancer Research Center	2020201647	Dolby International AB
2019229950	Northrop Grumman Systems Corporation	2020201754	Immodulon Therapeutics Limited
2019232842	Medline Industries, Inc.	2020201902	Acorn Engineering Company
2019232886	ServiceNow, Inc.	2020201957	Novartis AG
2019232941	Rx Bandz, LLC	2020202141	Tableau Software, LLC
2019236643	Hee Solar, L.L.C.	2020202149	Husqvarna AB
2019236655	BISSELL Inc.	2020202229	Becton, Dickinson and Company
2019236706	RxSafe, LLC	2020202363	Apple Inc.
2019240672	Fusion Holdings Limited	2020202561	Cartiva, Inc.
2019243303	Elixiron Immunotherapeutics (Hong Kong) Limited		
2019246921	The Scripps Research Institute		
2019246927	SAMSUNG ELECTRONICS CO., LTD.		
2019246947	Chevron U.S.A. Inc.		
2019250192	Immunomedics, Inc.		
2019250276	Mastercard International Incorporated		

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2020202702 MBP (Mauritius) Ltd  
2020202907 Waymo LLC  
2020203447 Principia Biopharma Inc.  
2020203508 Samsung Electronics Co., Ltd.  
2020203567 Apple Inc.  
2020204039 Medtronic Minimed, Inc.  
2020210243 Covidien LP  
2020213271 Bionime Corporation  
2020220104 Covidien LP  
2020260455 Bareun Co., Ltd.  
2020264357 Western Clinical Engineering Ltd.  
2020264408 Autonomous Healthcare, Inc.  
2020267203 SpyGlass Ophthalmics, Inc.; The Regents of the University of Colorado, a body corporate  
2020286283 Sunflow, Inc.  
2020294165 Surfacide, LLC  
2021200559 Glide Talk Ltd.  
2021200787 Apple Inc.

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2019329794	2016342173 2019283896	2017210771	2017331481	2018321947	2016270372
<b><u>A01C 23 /-</u></b>	<b><u>A01N 53 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A47B 13 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61C 17 /-</u></b>
2019329794	2016342173	2017380721	2019202899	2017244736	2017331481
<b><u>A01D 34 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A47B 3 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61F 13 /-</u></b>
2018297621	2016219074	2017380721	2019202899	2016357692	2015390011 2017395645 2017418932 2018369903 2019232842
<b><u>A01D 41 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47B 81 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61F 2 /-</u></b>
2018297621	2018253611	2017380721	2019236706	2016238323 2016280071 2016283530 2016291735 2016298060 2016302127 2016357692 2017200793 2017202280 2018290735 2018342359 2018380146 2019203719 2019204666 2019204811 2019272433 2020200360 2020202561 2020210243 2020220104 2020264357	2016238323 2016260418 2016287484 2016295340 2016298060 2016307951 2016344721 2016369593 2017201186 2017229259 2017252435 2017254618 2017355528 2018283948 2018313983 2018342223 2018351966 2018380146 2019268044
<b><u>A01G 25 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47B 91 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61F 6 /-</u></b>
2019201585	2016219074	2017210771 2017272650	2016223750	2017264479 2019201705 2019272018 2019279955	2019204811
<b><u>A01H 1 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47C 21 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61F 9 /-</u></b>
2015309289 2018381397	2017232395	2019200741	2019203938	2016307951	2016226531 2016307951 2016370711 2016372821 2020267203
<b><u>A01H 5 /-</u></b>	<b><u>A01P 17 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47C 3 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61G 13 /-</u></b>
2015309289 2015344482 2019204916	2017232395	2018376325 2019412598	2016284054	2016344721 2017264479 2020210243	2016308175
<b><u>A01J 7 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47C 4 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61G 5 /-</u></b>
2018211343	2017232395	2017210771 2017380721 2018246796	2020286283	2015302419 2015372661 2016202287 2016222413 2016270372 2017259982 2018354167 2019203174 2019204163 2019228569 2020213271 2021200787	2016310549
<b><u>A01K 61 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61G 7 /-</u></b>
2017359936	2017232395	2017210771 2017380721 2018246796	2016284054 2020286283	2018351966 2018380146 2019268044	2016310549 2016362009 2019204948
<b><u>A01K 67 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61J 1 /-</u></b>
2015230938 2018204700	2017232395	2016343874	2018275757	2018380146 2019268044	2016266484 2016278966 2017208831 2017227811 2019275594
<b><u>A01K 97 /-</u></b>	<b><u>A21D 10 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A47J 27 /-</u></b>	<b><u>A61B 3 /-</u></b>	
2016374491	2016285140	2016343874 2017237000	2018240256	2016307951	
<b><u>A01N 25 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 34 /-</u></b>	
2016342173 2016371249 2017232395 2019283896	2016285140	2019320617	2016286224 2017292052 2019222809	2016344721 2017264479 2020210243	
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2017232395	2016285140	2018390121 2019275594	2018328745	2015302419 2015372661 2016202287 2016222413 2016270372 2017259982 2018354167 2019203174 2019204163 2019228569 2020213271 2021200787	
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2017232395	2019412598	2016282202	2018240256	2016344294	
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2016303209 2016315648 2016342173 2017232395 2019202435	2017272650	2015203226	2017264499 2017390354		
	<b><u>A23G 9 /-</u></b>	<b><u>A45D 8 /-</u></b>	<b><u>A47L 11 /-</u></b>		
	2019412598	2015203226	2018328745		
	<b><u>A23F 5 /-</u></b>	<b><u>A46B 5 /-</u></b>	<b><u>A47L 15 /-</u></b>		
	2017272650	2017331481	2019236655		
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	2017292052	2017331481			
	2017210771	2017331481			

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<b>A61J 3 /-</b>	2018346712	2019201669	2016249567	<b>A61M 1 /-</b>	<b>A61N 1 /-</b>
	2018353360	2019203199	2016353342		
	2018361264	2019226186	2019200789	2016222413	2016275135
2019236706	2018361365	2019229438	2019201669	2019204561	2016306569
	2019200268	2019243303	2019202498	2019284105	2018290895
<b>A61K 31 /-</b>	2019201669	2019257379	2019202702		2018309622
	2019201726	2020201174		<b>A61M 11 /-</b>	2018334229
	2019202435		<b>A61K 51 /-</b>		2018354167
2014285701	2019202568	<b>A61K 39 /-</b>	2016246524	2016218976	2019203755
2014413901	2019204381		2019250192	2016268222	2019204811
2015280234	2019208242	2015277113		2019275594	
2015302419	2019210414	2015289533	<b>A61K 8 /-</b>		<b>A61N 5 /-</b>
2015311400	2019210632	2015300037		<b>A61M 15 /-</b>	
2015324111	2019213394	2015300080	2014392629	2019275594	2016372614
2015335941	2019222644	2015316991	2017232395		<b>A61P 1 /-</b>
2015342940	20192226302	2015322543	2017425660	<b>A61M 16 /-</b>	
2015349891	2019227507	2015360282	2018353934		2015353703
2015350223	2019246921	2015364447	2020200941	2016275565	2015367208
2015353703	2019257493	2016235059	2020260455	2016316947	2016236605
2015367208	2019283795	2016248802		2018297680	2016236607
2015389109	2020203447	2016271101	<b>A61K 9 /-</b>	2019203052	2016236608
2016205030		2016276509		2019204698	2016249567
2016208673	<b>A61K 33 /-</b>	2016354444	2015324028	2019275594	2016256552
2016217658		2017221070	2015349891		2018337138
2016217659	2015353703	2017248674	2015364447	<b>A61M 25 /-</b>	
2016225000	2015367208	2017358359	2015389109		<b>A61P 11 /-</b>
2016235059	2016219074	2017380107	2015416589	2016201410	
2016236605	2017360701	2018246872	2016217658	2016308193	
2016236607		2018258119	2016217659		<b>A61P 17 /-</b>
2016236608	<b>A61K 35 /-</b>	2018271751	2016236607	<b>A61M 3 /-</b>	
2016246524		2019201669	2016268096		2018227737
2016246616	2014413901	2019202530	2016280107	2020201957	2018282427
2016248727	2015279705	2019202702	2016280863		2018353360
2016249567	2015284425	2019243303	2016287579	<b>A61M 31 /-</b>	
2016256552	2015289533	2019250192	2017254618		2015324028
2016263292	2015324028	2019257379	2018353360	2017355528	2015330888
2016268096	2015339290	2019264600	2019200268	<b>A61M 35 /-</b>	2016236605
2016271101	2016371779	2020201754	2019200789		2016246616
2016279486	2017315406		2020202229	2018352317	2016249567
2016280107	2017346898	<b>A61K 41 /-</b>	2020260455		2018337138
2016280863	2019229438			<b>A61M 36 /-</b>	
2016330964	2020201754	2016206832	<b>A61L 15 /-</b>		<b>A61P 19 /-</b>
2016347724	2020202702			2019250192	2015262415
2016359907	2020260455	<b>A61K 45 /-</b>	2016366783	<b>A61M 37 /-</b>	2018227737
2016374759			2018369903		2018337138
2016387870	<b>A61K 36 /-</b>	2015311400		2016364800	<b>A61P 21 /-</b>
2017209935		2016208673	<b>A61L 2 /-</b>	2018352317	
2017211120	2016214079	2016222850		2019204338	2016214079
2017229007	2016236605	2016248727	2018376325		2016279486
2017238246	2016236607	2016249567	2020294165	<b>A61M 39 /-</b>	2018346712
2017244777	2016236608	2017346898			
2017260305	2018370381	2018262891	<b>A61L 24 /-</b>	2016278966	<b>A61P 25 /-</b>
2017268184	2020260455	2018282427		2019205203	
2017279878		2019202498	2018369903		2015262415
2017289315	<b>A61K 38 /-</b>	<b>A61K 47 /-</b>	2020202702	<b>A61M 5 /-</b>	2015335941
2017289317					2015339290
2017342027	2015262415	2015262415	<b>A61L 26 /-</b>	2016278966	2015350223
2017346898	2015277376	2015416589		2016347644	2016263292
2017350688	2015279705	2016236607	2018369903	2016370676	2016322813
2017360701	2015290058	2016236608		2016383022	2017260305
2017364725	2015330888	2016287579	<b>A61L 27 /-</b>	2016384343	2017350688
2017366693	2015364447	2016374759		2017355528	2017378316
2017378316	2016208474	2017248674	2015416589	2018352317	2018300043
2018246796	2016222850	2018223149	2016363536	2019204607	2018309187
2018262891	2016222624	2018287579	2017254618	2019205203	2018370381
2018269275	2016287579	2019201669	2018369903	2020204039	2019202498
2018280534	2016323445	2019341066	2020202702	2020264408	2019213394
2018282415	2016331658	<b>A61K 48 /-</b>	<b>A61L 31 /-</b>	<b>A61M 60 /-</b>	2019227507
2018282427	2016353342				2019246921
2018300043	2016367207	2014361781	2016355653		2019257493
2018309187	2017204955	2015308721		2016308193	
2018311725	2017315406				
2018337138	2018227737				

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<b><u>A61P 27 /-</u></b>	2018269275 2018280534 2018337138 2018361264 2019202530 2019222644 2019226302 2020201754 2020203447	<b><u>A62B 1 /-</u></b>	2016277127	<b><u>B23Q 1 /-</u></b>	
2016226264 2018282415 2018337138 2019210632		2016278880	<b><u>B01F 3 /-</u></b>	2020200224	<b><u>B32B 7 /-</u></b>
<b><u>A61P 29 /-</u></b>		<b><u>A62B 35 /-</u></b>	2016273352	<b><u>B24B 7 /-</u></b>	2018369903
2015300037 2016246616 2017209935 2017244777 2017260305 2017289317 2018227737 2018337138	<b><u>A61P 37 /-</u></b>	2016278880	<b><u>B01J 2 /-</u></b>	2020202149	<b><u>B33Y 30 /-</u></b>
	2014413901 2015300037 2015300080 2016276509 2017209935 2017238246 2017289315 2018337138 2018353360 2019226186 2019246921 2019264600 2020203447	<b><u>A62C 2 /-</u></b>	2016369412	<b><u>B24D 13 /-</u></b>	2018317313
<b><u>A61P 3 /-</u></b>		2017298615 2019204780	<b><u>B01J 3 /-</u></b>	2020202149	<b><u>B33Y 70 /-</u></b>
2015314771 2016236605 2016248727 2017209935 2018311725 2019202568		<b><u>A62C 3 /-</u></b>	2016314266	<b><u>B25B 13 /-</u></b>	2018317313
		2017298615 2019213439	<b><u>B01J 8 /-</u></b>	2019204368	<b><u>B41J 2 /-</u></b>
<b><u>A61P 31 /-</u></b>	<b><u>A61P 39 /-</u></b>	<b><u>A62C 35 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B25B 25 /-</u></b>	2018356367
2014285701 2015280234 2016235541 2016276509 2016322813 2016330964 2016331658 2016354444 2016359907 2018361365 2019210414 2019243303 2019264600 2020260455	2016205030	2019213439	2015357769	2017261464	<b><u>B41M 1 /-</u></b>
		<b><u>A62C 37 /-</u></b>	<b><u>B01L 9 /-</u></b>	<b><u>B25D 11 /-</u></b>	2018356367 2020200354
		2019213439	2015360611 2016222413	2016332745	<b><u>B42C 7 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>A61P 41 /-</u></b>	<b><u>A63B 21 /-</u></b>	<b><u>B02C 13 /-</u></b>	<b><u>B25D 16 /-</u></b>	2019202286
2014413901 2015277113 2015289533 2015300037 2015302419 2015311400 2015314771 2015316991 2015322543 2015323313 2016208673 2016228415 2016249567 2016276509 2016347724 2016374759 2016387870 2017209935 2017211120 2017238246 2017279878 2017289315 2017289317 2017342027 2018223149 2018258119 2018262891	2016205030	2016365311	2017440800	2016332745	<b><u>B42D 25 /-</u></b>
		<b><u>A63B 63 /-</u></b>	<b><u>B02C 18 /-</u></b>	<b><u>B26D 1 /-</u></b>	2016265045
		2019202899	2015365508	2019202286	<b><u>B42D 3 /-</u></b>
	<b><u>A61P 43 /-</u></b>	<b><u>A63B 67 /-</u></b>	<b><u>B02C 19 /-</u></b>	<b><u>B27B 5 /-</u></b>	2019202286
	2015353703 2016249567 2017244777 2017289317 2017346898 2017364725	2019202899	2015358701 2015365508	2020200224	<b><u>B44B 7 /-</u></b>
		<b><u>A63B 71 /-</u></b>	<b><u>B07C 3 /-</u></b>	<b><u>B27C 9 /-</u></b>	2015305763
	<b><u>A61P 7 /-</u></b>	2019336264	2019345614	2016200534	<b><u>B60B 39 /-</u></b>
	2015300037 2016205030 2017204955 2017364725	2019336264	<b><u>B22D 2 /-</u></b>	<b><u>B28B 1 /-</u></b>	2016345065
		<b><u>A63F 13 /-</u></b>	2016222484	2016231296	<b><u>B60P 1 /-</u></b>
		2019202717 2019202954 2019203011 2019240672	<b><u>B22F 3 /-</u></b>	<b><u>B29B 9 /-</u></b>	2016208277
	<b><u>A61P 9 /-</u></b>	2018330118	2018317313	2016217658 2016217659	<b><u>B60P 7 /-</u></b>
	2016207046 2016218976 2016248727 2019202568	<b><u>A63G 7 /-</u></b>	<b><u>B23D 47 /-</u></b>	<b><u>B29C 45 /-</u></b>	2016208277
		2018330118	2020200224	2015342201	<b><u>B60R 11 /-</u></b>
	<b><u>A61Q 11 /-</u></b>	<b><u>A63H 33 /-</u></b>	<b><u>B23K 10 /-</u></b>	<b><u>B29C 49 /-</u></b>	2016323324 2020202907
	2017425660 2020260455	2018377157	2019296941 2019296943	2019202899	<b><u>B60R 22 /-</u></b>
		<b><u>B01D 1 /-</u></b>	<b><u>B23K 26 /-</u></b>	<b><u>B29C 64 /-</u></b>	2018330118
	<b><u>A61Q 17 /-</u></b>	2018283902	2019296941 2019296943	2018317313	<b><u>B60R 9 /-</u></b>
	2020200941	<b><u>B01D 45 /-</u></b>	<b><u>B31F 1 /-</u></b>	<b><u>B32B 17 /-</u></b>	2016323324
		2016287790	2017264499	2019204644	<b><u>B60T 15 /-</u></b>
	<b><u>A61Q 19 /-</u></b>	<b><u>B01D 53 /-</u></b>	<b><u>B32B 17 /-</u></b>	<b><u>B32B 27 /-</u></b>	2016325343
	2016318755 2018328418 2018352740 2018352750	2019296941 2019296943	2017327140	2017327140	<b><u>B60T 7 /-</u></b>
	2014392629 2018353934	<b><u>B23K 37 /-</u></b>	<b><u>B32B 5 /-</u></b>	2017327140	2018331431 2018331433
		2019203339			<b><u>B60T 8 /-</u></b>
	<b><u>A61Q 90 /-</u></b>	<b><u>B01D 61 /-</u></b>			2018331431 2018331433
	2017232395	2015350166			

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<b><u>B60W 10 /-</u></b>	<b><u>B64D 43 /-</u></b>	2018224889	<b><u>C01B 25 /-</u></b>	<b><u>C04B 16 /-</u></b>	2016371249
2018339455	2017294712	<b><u>B65H 1 /-</u></b>	2015367208	2018322143	<b><u>C07C 217 /-</u></b>
<b><u>B60W 30 /-</u></b>	<b><u>B64D 45 /-</u></b>	2017390354	2016321239	<b><u>C04B 24 /-</u></b>	2016371249
2018339455	2017294712	<b><u>B65H 3 /-</u></b>	<b><u>C01B 3 /-</u></b>	2017201338	<b><u>C07C 237 /-</u></b>
2020202907	<b><u>B65B 1 /-</u></b>	2017390354	2018369153	2017268384	2018324001
<b><u>B60W 40 /-</u></b>	2019204338	<b><u>B65H 49 /-</u></b>	<b><u>C01C 3 /-</u></b>	<b><u>C04B 26 /-</u></b>	2019210632
2018395837	<b><u>B65B 35 /-</u></b>	2019275536	2016279761	2017201338	<b><u>C07C 405 /-</u></b>
2020202907	2017254315	<b><u>B65H 75 /-</u></b>	<b><u>C01D 3 /-</u></b>	2018322143	2016364014
<b><u>B60W 50 /-</u></b>	<b><u>B65B 37 /-</u></b>	2019203339	2015367208	<b><u>C04B 28 /-</u></b>	<b><u>C07C 65 /-</u></b>
2018339455	2017254315	<b><u>B66B 11 /-</u></b>	2016277127	2016396132	2018383864
2020202907	<b><u>B65B 5 /-</u></b>	2015400257	<b><u>C01F 5 /-</u></b>	<b><u>C04B 41 /-</u></b>	<b><u>C07C 69 /-</u></b>
<b><u>B61C 17 /-</u></b>	2017254315	<b><u>B66B 23 /-</u></b>	2018369153	2016231296	2017248347
2016234923	<b><u>B65B 55 /-</u></b>	2018223142	<b><u>C01G 23 /-</u></b>	2017222212	2017355295
<b><u>B61F 5 /-</u></b>	2017254315	<b><u>B66B 25 /-</u></b>	2019236643	<b><u>C05B 15 /-</u></b>	2018280534
2018345621	2018376325	2018223142	<b><u>C01G 53 /-</u></b>	2016321239	2018383864
<b><u>B61H 5 /-</u></b>	<b><u>B65B 59 /-</u></b>	2018242117	2019290870	<b><u>C05B 17 /-</u></b>	<b><u>C07D 207 /-</u></b>
2018359356	2017254315	<b><u>B66B 27 /-</u></b>	<b><u>C02F 1 /-</u></b>	2016321239	<b><u>C07D 211 /-</u></b>
<b><u>B61L 1 /-</u></b>	<b><u>B65D 1 /-</u></b>	2018242117	2016273352	<b><u>C05C 11 /-</u></b>	2016330964
2018336680	2017227811	<b><u>B66B 29 /-</u></b>	2016277127	2017229994	2019246921
<b><u>B61L 23 /-</u></b>	<b><u>B65D 33 /-</u></b>	2018242117	2018376325	<b><u>C05C 9 /-</u></b>	<b><u>C07D 215 /-</u></b>
2018336680	2017309920	<b><u>B66B 7 /-</u></b>	<b><u>C02F 101 /-</u></b>	2016321239	2015342940
<b><u>B61L 5 /-</u></b>	<b><u>B65D 65 /-</u></b>	2015400257	2018376325	2017229994	2017268184
2018428788	2018275757	2016343543	<b><u>C02F 103 /-</u></b>	<b><u>C05D 5 /-</u></b>	2019226302
<b><u>B62D 53 /-</u></b>	<b><u>B65D 75 /-</u></b>	2015400257	2018376325	2016305022	<b><u>C07D 217 /-</u></b>
2016222366	2017309920	<b><u>B66B 9 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C05D 9 /-</u></b>	2018383864
<b><u>B63B 27 /-</u></b>	2019283781	<b><u>B66C 15 /-</u></b>	2016273352	2016305022	2019210632
2018330635	<b><u>B65D 77 /-</u></b>	2016343543	<b><u>C02F 3 /-</u></b>	2016321239	<b><u>C07D 233 /-</u></b>
<b><u>B63H 9 /-</u></b>	2019283781	<b><u>B66D 1 /-</u></b>	2016273352	2017229994	<b><u>C07D 241 /-</u></b>
2016355438	<b><u>B65D 85 /-</u></b>	2016343543	<b><u>C03C 17 /-</u></b>	<b><u>C05F 11 /-</u></b>	2019222644
<b><u>B64C 15 /-</u></b>	2016286224	<b><u>B67D 1 /-</u></b>	2016397940	2016375011	<b><u>C07D 261 /-</u></b>
2016338382	2016364800	2016220682	2017254469	<b><u>C05F 3 /-</u></b>	2017229007
<b><u>B64C 29 /-</u></b>	2017292052	2019222809	<b><u>C03C 21 /-</u></b>	2016375011	<b><u>C07D 263 /-</u></b>
2019205977	2019201616	<b><u>B67D 7 /-</u></b>	2019204644	<b><u>C05G 1 /-</u></b>	2016303209
<b><u>B64C 39 /-</u></b>	2019202862	2017309920	<b><u>C03C 3 /-</u></b>	2016375011	<b><u>C07D 265 /-</u></b>
2018393009	<b><u>B65D 90 /-</u></b>	<b><u>B81C 1 /-</u></b>	2019204644	<b><u>C05G 3 /-</u></b>	2018383864
<b><u>B64D 27 /-</u></b>	2016292713	2016320291	<b><u>C04B 103 /-</u></b>	2016305022	<b><u>C07D 277 /-</u></b>
2016338382	<b><u>B65F 3 /-</u></b>	<b><u>B82Y 10 /-</u></b>	2017268384	2016321239	2018311725
<b><u>B64D 29 /-</u></b>	2016208277	2016267410	<b><u>C04B 14 /-</u></b>	2017229994	<b><u>C07D 279 /-</u></b>
2016338382	<b><u>B65G 1 /-</u></b>	<b><u>B82Y 5 /-</u></b>	2018322143	2019202785	2017378316
<b><u>B64D 29 /-</u></b>	2019236706	2015305482	<b><u>C07C 215 /-</u></b>	2020200435	<b><u>C07D 307 /-</u></b>
2016338382	<b><u>B65G 15 /-</u></b>				

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2017244777	2020203447	<b>C07J 43 /-</b>	2019264685	<b>C08L 53 /-</b>	2017202987
2018311725					
<b>C07D 317 /-</b>	<b>C07D 473 /-</b>	2016246524	<b>C07K 5 /-</b>	2017433464	<b>C10M 177 /-</b>
		2019213394			
2018311725	2020203447		2018353934	<b>C08L 63 /-</b>	2017202987
		<b>C07J 9 /-</b>			
<b>C07D 327 /-</b>	<b>C07D 487 /-</b>	2016246524	<b>C07K 7 /-</b>	2020200326	<b>C11C 3 /-</b>
		2019227507			
2018311725	2016359907		2016228415	<b>C08L 77 /-</b>	2017355295
	2017209935		2016331658		
	2017219189	<b>C07K 14 /-</b>	2017221070	2017433464	<b>C11D 1 /-</b>
<b>C07D 401 /-</b>	2017260305		2017275748		
	2017279878	2015309289	2019226186	<b>C08L 9 /-</b>	2017286154
2016225000	2017289317	2015310913	2020201174		
2017209935	2017350688	2015323313		2016390429	<b>C11D 11 /-</b>
2017366693	2018269275	2016294750	<b>C08F 220 /-</b>	2017433464	
2018337138	2018300043	2016323445		2018224889	2017286154
2019210632	2018361365	2016353342	2017268384	<b>C08L 95 /-</b>	<b>C11D 3 /-</b>
<b>C07D 403 /-</b>	2019202435	2016367207			
	2019204381	2016371779	<b>C08F 236 /-</b>	2017201338	2016208474
2016359907	2019208242	2016372489			2016323412
2017209935	2019222644	2017204955	2018224889	<b>C09D 133 /-</b>	2017286154
2017289315		2017221070			
2017289317	<b>C07D 491 /-</b>	2017238246	<b>C08G 59 /-</b>	2018322143	<b>C12C 11 /-</b>
2017366693		2017268479			
2018337138	2017289317	2017315406	2020200326	<b>C09D 5 /-</b>	2016314266
2019222644	2019222644	2017367277			
<b>C07D 405 /-</b>	<b>C07D 495 /-</b>	2017380107	<b>C08G 65 /-</b>	2015344934	<b>C12C 13 /-</b>
		2018204700			
2017209935	2016387870	2018213153	2016374759	<b>C09F 9 /-</b>	2016314266
2017244777		2018253611			
2017289315	<b>C07D 498 /-</b>	2018258119	<b>C08G 69 /-</b>	2018376325	<b>C12G 1 /-</b>
2017289317		2018271751			
2018361264	2017211120	2019201726	2016374759	<b>C09J 11 /-</b>	2015212752
2019222644	2017238246	2019202865	2018223149		
<b>C07D 409 /-</b>	2017260305	2019229397	<b>C08G 81 /-</b>	2017327140	<b>C12G 3 /-</b>
	2017289317	2019229438			
2019210632	2018300043	2019243303	2016374759	<b>C09J 133 /-</b>	2015350166
	2019210414	2019264600			
<b>C07D 413 /-</b>	<b>C07D 513 /-</b>	2019264685	<b>C08G 83 /-</b>	2017327140	<b>C12H 1 /-</b>
		2020201174			
2016347724	2017279878	<b>C07K 16 /-</b>	2018223149	<b>C09K 15 /-</b>	2018376325
2017209935	2019210531				
2017244777		2015230938	<b>C08J 3 /-</b>	2018324001	<b>C12L 3 /-</b>
2017289315	<b>C07D 519 /-</b>	2015277113			
2018361264		2015300037	2016390429	<b>C09K 21 /-</b>	2016314266
2019222644	2016322813	2015300080	<b>C08J 5 /-</b>	2017205710	<b>C12N 1 /-</b>
<b>C07D 417 /-</b>	2018361365	2015311400			
	2019222644	2015314771	2016390429	<b>C09K 8 /-</b>	2014375928
2017289315		2015316991			2015212752
2017366693	<b>C07F 9 /-</b>	2015322543	<b>C08J 9 /-</b>	2016301585	2015300037
2017378316		2015323313		2017236250	2015300080
2018269275	2016387870	2015360282	2017327140	2017246802	2015320214
2019210632		2016235541	<b>C08K 3 /-</b>	2017405325	2015322543
<b>C07D 453 /-</b>	<b>C07H 19 /-</b>	2016248802		2018324001	2015358701
		2016276509	2016390429	<b>C10C 3 /-</b>	2017276704
2019206049	2020201527	2016367207			2017380721
		2016422911	<b>C08L 11 /-</b>	2017201338	2019202702
<b>C07D 471 /-</b>	<b>C07H 21 /-</b>	2017358359			
		2017367277	2016390429	<b>C10J 3 /-</b>	<b>C12N 11 /-</b>
2016322813	2014373588	2018246872			2016366783
2017209935	2019202865	2018271751	<b>C08L 13 /-</b>	2015357769	
2017260305	2019229397	2019201606			
2017289317		2019201726	2016390429	<b>C10L 9 /-</b>	<b>C12N 15 /-</b>
2017342027	<b>C07J 31 /-</b>	2019202530			2014285701
2017364725		2019203199	<b>C08L 23 /-</b>	2016273352	2014361781
2018269275	2019227507	2019229438			2014375928
2018309187		2019243303	2016373306	<b>C10M 141 /-</b>	2015230938
2018361365	<b>C07J 41 /-</b>	<b>C07K 19 /-</b>			2015255366
2019210414			<b>C08L 33 /-</b>	2017202987	2015277376
	2019227507	2017221070			2015300037
			2017433464	<b>C10M 169 /-</b>	2015300080

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2015305482	2017276704	2015337797	<b><u>D21H 17 /-</u></b>	<b><u>E04C 3 /-</u></b>	<b><u>E21B 23 /-</u></b>
2015308721					
2015309289	<b><u>C12P 7 /-</u></b>	<b><u>C23C 18 /-</u></b>	2016375364	2015249147	2016396132
2015322543				2016200130	
2015344482	2015266065	2019290870	<b><u>D21H 19 /-</u></b>		
2016222850	2015320214			<b><u>E04F 11 /-</u></b>	<b><u>E21B 31 /-</u></b>
2016248802	2015358701	<b><u>C23F 11 /-</u></b>	2016375364		
2016353342	2016361421		2017266592	2016218930	2016332745
2016361421	2016361425	2018229264	2018275757		
2016361425	2017237000			<b><u>E04G 17 /-</u></b>	<b><u>E21B 33 /-</u></b>
2016371779		<b><u>C25B 1 /-</u></b>	<b><u>D21H 21 /-</u></b>		
2016372489	<b><u>C12Q 1 /-</u></b>			2016324344	2015410690
2016427922		2016277127	2016375364		2016396132
2017315406	2014360328	2019204698	2017205710	<b><u>E04H 1 /-</u></b>	2017405325
2017380107	2014373588		2017266592		2018240337
2018213153	2014379438	<b><u>C25B 11 /-</u></b>		2019204780	2018283227
2018253611	2015265431		<b><u>D21H 23 /-</u></b>	2019284136	2018403485
2018258119	2015270545	2016277127			
2019202498	2015273214		2017264499	<b><u>E04H 17 /-</u></b>	<b><u>E21B 34 /-</u></b>
2019204916	2015310913	<b><u>C25B 15 /-</u></b>			
2019264685	2016206243		<b><u>D21H 25 /-</u></b>	2016218930	2015384137
2020201174	2016427922	2019204698		2017261464	2015409111
	2017385830		2018275757		2015410690
<b><u>C12N 5 /-</u></b>	2018214075	<b><u>C25C 3 /-</u></b>		<b><u>E04H 4 /-</u></b>	
	2019201726		<b><u>D21H 27 /-</u></b>		<b><u>E21B 4 /-</u></b>
	2019264685	2016277127		2016324344	
2014202302			2017264499	2016329776	2016332745
2014364632	<b><u>C12R 1 /-</u></b>	<b><u>C25D 3 /-</u></b>	2018275757		
2015300037				<b><u>E04H 6 /-</u></b>	<b><u>E21B 41 /-</u></b>
2015300080	2014375928	2019290870	<b><u>E01F 15 /-</u></b>		
2015322543	2015212752			2019204369	2015409111
2015364447		<b><u>C40B 30 /-</u></b>	2017248085		
2016367207	<b><u>C22B 1 /-</u></b>			<b><u>E04H 9 /-</u></b>	<b><u>E21B 43 /-</u></b>
2017346898		2014373588	<b><u>E02B 3 /-</u></b>		
2018204700	2018303509			2018377157	2015410690
2018214122	2018315046	<b><u>C40B 40 /-</u></b>	2015258319		2016301585
2019204916	2018394522			<b><u>E05B 63 /-</u></b>	2017236250
2019226186		2014373588	<b><u>E02D 7 /-</u></b>		2018420472
	<b><u>C22B 23 /-</u></b>	<b><u>D01B 1 /-</u></b>		2016257610	
<b><u>C12N 7 /-</u></b>			2016332745		<b><u>E21B 44 /-</u></b>
	2018315046	2019283930	<b><u>E02F 3 /-</u></b>		
2016206243	2019290870			2016201543	2017371677
2016294750		<b><u>D06F 39 /-</u></b>	2015207928		<b><u>E21B 47 /-</u></b>
	<b><u>C22B 3 /-</u></b>		2015399014	<b><u>E06B 3 /-</u></b>	
<b><u>C12N 9 /-</u></b>		2020200687			2018240337
	2016258868	<b><u>D06F 53 /-</u></b>	<b><u>E02F 9 /-</u></b>	2017254469	
2015255366	2018303509				<b><u>E21B 49 /-</u></b>
2015262415	2018315046	2016278351	2015207928	<b><u>E06B 9 /-</u></b>	
2015266065	2019290870		2015399014		2019257536
2016208474		<b><u>D07B 1 /-</u></b>	2019205028	2017298615	
2016323412	<b><u>C22B 59 /-</u></b>				<b><u>E21B 6 /-</u></b>
2017315406		2016343543	<b><u>E03F 1 /-</u></b>	<b><u>E06C 7 /-</u></b>	
2017346898	2016258868				2016332745
	2018303509	<b><u>D21B 1 /-</u></b>	2019369820	2019202224	
<b><u>C12P 1 /-</u></b>				2019203056	<b><u>E21B 7 /-</u></b>
	<b><u>C22C 1 /-</u></b>	2016378939	<b><u>E03F 5 /-</u></b>		
2015212752				<b><u>E21B 1 /-</u></b>	2016332745
2015320214	2019296941	<b><u>D21C 1 /-</u></b>	2020201902		2017371677
				2016332745	
<b><u>C12P 19 /-</u></b>	<b><u>C22C 19 /-</u></b>	2016378939	<b><u>E04B 1 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>E21D 11 /-</u></b>
2016366783	2015363754	<b><u>D21C 11 /-</u></b>	2015249147		2016239986
2017237000			2017205710	2019257536	2017388776
2018214075	<b><u>C22C 32 /-</u></b>	2016378939	2019204780		2019283806
			2019284136	<b><u>E21B 17 /-</u></b>	
<b><u>C12P 21 /-</u></b>	2015363754	<b><u>D21F 11 /-</u></b>			<b><u>E21D 23 /-</u></b>
			<b><u>E04B 2 /-</u></b>	2015409111	
2015300037	<b><u>C22C 38 /-</u></b>	2017264499			2019427987
2015300080			2018377157	<b><u>E21B 19 /-</u></b>	
2015322543	2015363754	<b><u>D21H 11 /-</u></b>	<b><u>E04B 7 /-</u></b>		<b><u>E21F 15 /-</u></b>
2019202530	2019296941			2019222805	
	2019296943	2017266592			2019334235
<b><u>C12P 3 /-</u></b>	<b><u>C22C 9 /-</u></b>		2019204780	<b><u>E21B 21 /-</u></b>	
					2015384137



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<b><u>F21F 17 /-</u></b>		2018331011	<b><u>F42D 1 /-</u></b>	<b><u>G01N 21 /-</u></b>	
2017388776	<b><u>F16L 9 /-</u></b>		2019284160	2015306603	<b><u>G02B 19 /-</u></b>
	2017222212	<b><u>F24S 10 /-</u></b>		2016263801	2015360611
<b><u>F21F 7 /-</u></b>		2017248330	<b><u>G01B 11 /-</u></b>	2016301228	
2018420472	<b><u>F16M 13 /-</u></b>		2018208312	2018208312	<b><u>G02B 21 /-</u></b>
	2016323324	<b><u>F24S 25 /-</u></b>		2018254602	2015360611
<b><u>F01M 1 /-</u></b>		2015397096	<b><u>G01B 3 /-</u></b>	2018375161	2018287064
2017331743	<b><u>F16N 27 /-</u></b>		2016244217	2019229421	2019229421
	2017331743	<b><u>F24S 30 /-</u></b>		<b><u>G01N 23 /-</u></b>	
<b><u>F02K 1 /-</u></b>		2018250459	<b><u>G01C 11 /-</u></b>	2019213301	<b><u>G02B 27 /-</u></b>
2016338382	<b><u>F16N 29 /-</u></b>		2014274555		2015360611
	2017331743	<b><u>F24S 50 /-</u></b>	2017401372	<b><u>G01N 27 /-</u></b>	2019271926
<b><u>F04D 29 /-</u></b>		2017203521		2019203114	
2016315477	<b><u>F17C 7 /-</u></b>		<b><u>G01C 17 /-</u></b>		<b><u>G02B 3 /-</u></b>
	2018330635	<b><u>F25B 27 /-</u></b>	2020200040	<b><u>G01N 33 /-</u></b>	2018428788
<b><u>F16B 1 /-</u></b>		2018408667		2014379438	2020201126
2016369915	<b><u>F21K 99 /-</u></b>		<b><u>G01C 21 /-</u></b>	2015270450	<b><u>G02B 6 /-</u></b>
	2016227548	<b><u>F25B 49 /-</u></b>	2017294712	2015290058	2015305763
<b><u>F16B 12 /-</u></b>		2018313441	2017419266	2015302419	2015316830
2019202899	<b><u>F21V 33 /-</u></b>			2015310913	2018277435
	2016310549	<b><u>F25C 5 /-</u></b>	<b><u>G01D 4 /-</u></b>	2016206243	
<b><u>F16B 21 /-</u></b>		2016220682	2017271591	2016422911	<b><u>G02B 7 /-</u></b>
2020286283	<b><u>F21V 8 /-</u></b>	2019210609		2017301111	2016265045
	2016227548	<b><u>F25D 11 /-</u></b>	<b><u>G01D 5 /-</u></b>	2017358359	
<b><u>F16B 25 /-</u></b>		2019210609	2018336680	2018229451	<b><u>G02C 11 /-</u></b>
2016369915	<b><u>F23G 5 /-</u></b>			2018346712	
	2016273352	<b><u>F25D 23 /-</u></b>	<b><u>G01G 19 /-</u></b>	2019201606	2016226531
<b><u>F16B 37 /-</u></b>		2016220682	2015399014	2019232842	
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<b><u>F16B 39 /-</u></b>		2016220682	<b><u>G01G 21 /-</u></b>	<b><u>G01P 3 /-</u></b>	2020201126
2016301110	<b><u>F23J 15 /-</u></b>		2020202229	2015305464	<b><u>G02F 1 /-</u></b>
	2016318755	<b><u>F28D 15 /-</u></b>		<b><u>G01R 29 /-</u></b>	2016320291
<b><u>F16B 43 /-</u></b>		2018313441	<b><u>G01H 11 /-</u></b>	2015332701	2017219413
2016301110	<b><u>F24C 14 /-</u></b>		2015320353	<b><u>G01R 33 /-</u></b>	2018265566
	2016257610	<b><u>F41J 1 /-</u></b>		2016267410	<b><u>G03F 7 /-</u></b>
<b><u>F16B 47 /-</u></b>		2015204346	<b><u>G01J 5 /-</u></b>		2016320291
2016323324	<b><u>F24C 15 /-</u></b>		2016222484	<b><u>G01S 1 /-</u></b>	<b><u>G05B 15 /-</u></b>
	2016218048	<b><u>F41J 9 /-</u></b>		2019200145	2018375161
<b><u>F16B 5 /-</u></b>	2016223750	2015204346	<b><u>G01K 1 /-</u></b>	<b><u>G01S 3 /-</u></b>	<b><u>G05B 19 /-</u></b>
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		2018241327	<b><u>G01L 5 /-</u></b>		2018288687
<b><u>F16K 1 /-</u></b>	<b><u>F24C 7 /-</u></b>	2018257566	2015399014	<b><u>G01S 5 /-</u></b>	
2019257395				2017294712	<b><u>G05B 23 /-</u></b>
	<b><u>F24F 1 /-</u></b>	<b><u>F42B 27 /-</u></b>	<b><u>G01M 5 /-</u></b>	2019200145	2018288687
<b><u>F16K 3 /-</u></b>		2018257566	2014274555		
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	2018271442	<b><u>F42B 4 /-</u></b>		2015358513	2015207928
<b><u>F16K 31 /-</u></b>	2018311608	2018257566	2019228569	2015377943	2016201660
2019257395	2018313441		2019232842	2019246947	2017244736
	2018331011	<b><u>F42C 15 /-</u></b>		<b><u>G01V 8 /-</u></b>	2018393009
<b><u>F16K 37 /-</u></b>	<b><u>F24F 13 /-</u></b>		2018220149	2015305464	2018395837
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	2016201836	<b><u>F42C 19 /-</u></b>	<b><u>G01N 17 /-</u></b>	2018408601	<b><u>G06F 1 /-</u></b>
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2020201537	2018311607	2018257566			2021200787
	2018311608				
	2018313441				

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<b>G06F 11 /-</b>	<b>G06K 19 /-</b>	<b>G06T 7 /-</b>	2017205710	2017387112	2020210243 2021200559
2014410710	2015317482 2019326288 2019329379	2015403475 2016225944 2016314782 2016344294 2018352936	<b>H01H 13 /-</b>	<b>H02H 7 /-</b>	<b>H04L 29 /-</b>
<b>G06F 13 /-</b>	<b>G06K 7 /-</b>	<b>G07B 3 /-</b>	2017233676	2018338774	2016306569 2017377898 2018303563 2020201641
2015301504 2019201971	2015317482 2016267410 2019326288 2019329379	2017390354	<b>H01H 23 /-</b>	<b>H02J 13 /-</b>	
<b>G06F 15 /-</b>	<b>G06K 9 /-</b>	<b>G07C 5 /-</b>	2017233676	2020200984	
2019222934	2015403475 2018391964	2019202783	<b>H01H 25 /-</b>	<b>H02J 3 /-</b>	<b>H04L 5 /-</b>
<b>G06F 16 /-</b>	<b>G06N 20 /-</b>	<b>G07C 9 /-</b>	2017233676	2018338774 2020200984	2016351566 2017221142 2017246211 2019223716
2016353806 2018391964 2018395933 2019222934 2019232886 2019280994	2018391964 2019232886 2019369820	2016334381	<b>H01H 71 /-</b>	<b>H02K 1 /-</b>	
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<b>G06F 21 /-</b>	<b>G06N 7 /-</b>	<b>G08B 15 /-</b>	2019203114	<b>H02K 19 /-</b>	<b>H04L 9 /-</b>
2015317482 2016253706 2016306569 2016357751 2017440029 2019204318	2018391964 2019201881	2015305464	<b>H01L 23 /-</b>	2016339148	2016306569 2016357751 2017440029
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2015306091 2015390217 2018310872 2019202992 2019204790 2019246927 2019350584 2020202141 2021200787	2018391964 2019201881	2018220149	<b>H01L 31 /-</b>	2016339148	2018406327
<b>G06F 30 /-</b>	<b>G06Q 20 /-</b>	<b>G08G 1 /-</b>	2017276704 2019236643	<b>H02M 7 /-</b>	<b>H04M 3 /-</b>
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<b>G06F 40 /-</b>	<b>G06Q 30 /-</b>	<b>G09F 3 /-</b>	2015353404	<b>H02S 20 /-</b>	<b>H04N 1 /-</b>
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<b>G06F 7 /-</b>	<b>G06Q 50 /-</b>	<b>G10L 15 /-</b>	2015353404	<b>H03G 3 /-</b>	<b>H04N 19 /-</b>
2019275589	2015410690 2019236706	2018345706 2019222859	<b>H01M 50 /-</b>	2020203567	2018270853 2020201023 2020202363
<b>G06F 9 /-</b>	<b>G06T 11 /-</b>	<b>G10L 17 /-</b>	2015353404	<b>H03K 19 /-</b>	<b>H04N 21 /-</b>
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<b>G06G 7 /-</b>	<b>G06T 15 /-</b>	<b>G10L 19 /-</b>	2018369153	<b>H03K 3 /-</b>	<b>H04N 5 /-</b>
2019246947	2016263801	2018345706	<b>H01Q 1 /-</b>	2018364954 2019215342	2016329776 2018408601 2019202398 2019202992 2019205977 2020202907
	<b>G06T 17 /-</b>	<b>G11B 27 /-</b>	2020203508	<b>H04B 1 /-</b>	<b>H04N 9 /-</b>
	2017200441 2020202141	2019202992	<b>H01R 103 /-</b>	2018412750	2019202992
	<b>G06T 3 /-</b>	<b>G16H 40 /-</b>	2017233676	<b>H04B 17 /-</b>	<b>H04N 9 /-</b>
	2018352936	2020204039	<b>H01R 13 /-</b>	2015332701	<b>H04N 7 /-</b>
	<b>G06T 5 /-</b>	<b>H01B 13 /-</b>	2016347360 2017233676 2017345352	<b>H04B 7 /-</b>	2018391964 2018408601 2019202992 2019205977 2020202907 2021200559
	2016225944	2015305763	<b>H01R 24 /-</b>	2017221142 2019200145	<b>H04N 9 /-</b>
		<b>H01B 7 /-</b>	2016347360	<b>H04H 60 /-</b>	2019202992
		2015305763	<b>H01R 35 /-</b>	2019226193	<b>H04Q 3 /-</b>
		2015305763	2016347360	<b>H04L 1 /-</b>	2019202992
			<b>H02G 1 /-</b>	2018263125	
			2019275536	<b>H04L 12 /-</b>	
			<b>H02H 3 /-</b>	2017377898 2018220816 2020201641	

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<b><u>H04Q 9 /-</u></b>	<b><u>H04W 88 /-</u></b>
2016318038	2015306091
	2017405271
	2020200511
<b><u>H04R 1 /-</u></b>	<b><u>H05B 1 /-</u></b>
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<b><u>H04W 16 /-</u></b>	<b><u>H05K 3 /-</u></b>
2017390890	2020200354
2020200511	
<b><u>H04W 24 /-</u></b>	<b><u>H05K 7 /-</u></b>
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2016406379	2018283227
2017221142	2018313441
2020200511	2019229950
<b><u>H04W 28 /-</u></b>	
2017405271	
2018263125	
<b><u>H04W 36 /-</u></b>	
2017413894	
<b><u>H04W 4 /-</u></b>	
2016226301	
2016351566	
2019203755	
2020201408	
<b><u>H04W 40 /-</u></b>	
2020200511	
<b><u>H04W 48 /-</u></b>	
2016406379	
<b><u>H04W 72 /-</u></b>	
2016406379	
2017245258	
2017397594	
2017444441	
2018315101	
<b><u>H04W 74 /-</u></b>	
2017390890	
<b><u>H04W 76 /-</u></b>	
2017397594	
2017413894	
<b><u>H04W 8 /-</u></b>	
2017405271	
<b><u>H04W 80 /-</u></b>	
2017405271	
<b><u>H04W 84 /-</u></b>	
2017390890	

**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) B&D Australia Pty Ltd  
 (11) AU-B-2019101345  
 (21) 2019101345 (22) 05.11.2019  
 (54) Overhead sectional door top hanger  
 (51) Int. Cl.  
*E05D 15/16* ( 2006.01 )  
*E05D 15/24* ( 2006.01 )  
*E06B 3/48* ( 2006.01 )  
 (45) 01.04.2021  
 (72) Santoso, Bianto; Nicholls, Grant  
 (74) Davies Collison Cave Pty Ltd

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(71) CHUANGHONG MOTOR CO., LTD  
 (11) AU-B-2020100846  
 (21) 2020100846 (22) 26.05.2020  
 (54) A production device of melt blown filter fabric  
 (51) Int. Cl.  
*D01D 7/00* ( 2006.01 )  
*D04H 3/03* ( 2012.01 )  
*D04H 5/08* ( 2012.01 )  
 (31) 202020168366.0 (32) 13.02.20 (33) CN  
 (45) 01.04.2021  
 (72) Zhang, Tony  
 (74) Shelston IP Pty Ltd.

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(71) HSIEH, H.  
 (11) AU-B-2020101251  
 (21) 2020101251 (22) 03.07.2020  
 (54) EASILY ASSEMBLED PANEL FOR A WINDOW  
 (51) Int. Cl.  
*E06B 7/10* ( 2006.01 )  
*E06B 1/60* ( 2006.01 )  
 (45) 01.04.2021  
 (72) HSIEH, HSIAO-WEN  
 (74) Michael Buck IP

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(71) Marine Composites IP Pty Ltd  
 (11) AU-B-2020101166  
 (21) 2020101166 (22) 26.06.2020  
 (54) A marine pile joiner  
 (51) Int. Cl.  
*E02D 5/64* ( 2006.01 )  
*E02D 5/52* ( 2006.01 )  
 (45) 01.04.2021  
 (72) Jebbink, Daniel; Morris, David  
 (74) Spruson & Ferguson

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(71) OREX HOLDINGS PTY LIMITED  
 (11) AU-B-2016101574  
 (21) 2016101574 (22) 07.09.2016  
 (54) Elimination of Light leak at and around the end plate and elimination of visible I.P. gaskets in extruded Linear lighting systems  
 (51) Int. Cl.  
*F21V 15/015* ( 2006.01 )  
*F21V 15/01* ( 2006.01 )

*F21V 17/10* ( 2006.01 )  
*F21V 31/00* ( 2006.01 )  
 (45) 01.04.2021  
 (72) Grant, Thomas; Sargeant, Edwin  
 (74) LAMINAR IP PTY LTD

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(71) SDIP Holdings Pty Ltd  
 (11) AU-B-2020102426  
 (21) 2020102426 (22) 25.09.2020  
 (54) COLLECTION OF BLEPHAROMETRIC DATA VIA A CAMERA SYSTEM  
 (51) Int. Cl.

*A61B 5/1171* ( 2016.01 )  
*A61B 3/10* ( 2006.01 )  
*A61B 3/113* ( 2006.01 )  
*A61B 5/11* ( 2006.01 )  
*A61B 5/16* ( 2006.01 )  
*A61B 5/18* ( 2006.01 )  
*G06K 9/46* ( 2006.01 )  
*G06N 5/00* ( 2006.01 )  
*G16H 50/20* ( 2018.01 )  
 (45) 01.04.2021  
 (62) PCT/AU2019/051156,PCT/AU2019/051157,PCT/AU2019/051159  
 (72) Coles, Scott; Morgan, Trefor  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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**Seed, Q. see Seed, R.**  
 (21) 2020102407

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(71) Seed, R.; Seed, Q.  
 (11) AU-B-2020102407  
 (21) 2020102407 (22) 24.09.2020  
 (54) BREAKOUT WRENCH  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
 (45) 01.04.2021  
 (72) Seed, Robert; Seed, Quenton  
 (74) Mann IP

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(71) Slack Technologies, Inc.  
 (11) AU-B-2020103430  
 (21) 2020103430 (22) 13.11.2020  
 (54) Method, apparatus, and computer program product for encryption key management within a group-based communication system  
 (51) Int. Cl.  
*H04L 9/08* ( 2006.01 )  
*H04L 9/14* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
 (45) 01.04.2021  
 (62) PCT/US2019/035870  
 (72) CROWLEY, Richard; DRUMMOND, Andrei; FAIN, Jessica; JONES, Leah; FRANK, Ilan; KINKEL, Nikolas  
 (74) FB Rice Pty Ltd

(71) Wang, Y.  
 (11) AU-B-2020101276  
 (21) 2020101276 (22) 07.07.2020  
 (54) Systems and methods for processing GNSS data streams for determination of hardware and atmosphere-delays  
 (51) Int. Cl.  
*G01S 19/00* ( 2010.01 )  
 (31) 2020900185 (32) 23.01.20 (33) AU  
 (45) 01.04.2021  
 (72) Wang, Yongchao  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) Wareing, C.  
 (11) AU-B-2020101250  
 (21) 2020101250 (22) 03.07.2020  
 (54) GATE STOP  
 (51) Int. Cl.  
*E05C 17/02* ( 2006.01 )  
*E06B 11/02* ( 2006.01 )  
 (45) 01.04.2021  
 (62) 2018241229  
 (72) Wareing, Colin  
 (74) Sandercock & Cowie

**Numerical Index**

2016101574 OREX HOLDINGS PTY LIMITED  
2019101345 B&D Australia Pty Ltd  
2020100846 CHUANGHONG MOTOR CO., LTD  
2020101166 Marine Composites IP Pty Ltd  
2020101250 Wareing, C.  
2020101251 HSIEH, H.  
2020101276 Wang, Y.  
2020102407 Seed, R.; Seed, Q.  
2020102426 SDIP Holdings Pty Ltd  
2020103430 Slack Technologies, Inc.

IPC Index

<b><u>A61B 3 /-</u></b>	<b><u>G06N 5 /-</u></b>
2020102426	2020102426
<b><u>A61B 5 /-</u></b>	<b><u>G16H 50 /-</u></b>
2020102426	2020102426
<b><u>D01D 7 /-</u></b>	<b><u>H04L 9 /-</u></b>
2020100846	2020103430
<b><u>D04H 3 /-</u></b>	
2020100846	
<b><u>D04H 5 /-</u></b>	
2020100846	
<b><u>E02D 5 /-</u></b>	
2020101166	
<b><u>E05C 17 /-</u></b>	
2020101250	
<b><u>E05D 15 /-</u></b>	
2019101345	
<b><u>E06B 1 /-</u></b>	
2020101251	
<b><u>E06B 11 /-</u></b>	
2020101250	
<b><u>E06B 3 /-</u></b>	
2019101345	
<b><u>E06B 7 /-</u></b>	
2020101251	
<b><u>E21B 19 /-</u></b>	
2020102407	
<b><u>F21V 15 /-</u></b>	
2016101574	
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<b><u>G01S 19 /-</u></b>	
2020101276	
<b><u>G06K 9 /-</u></b>	
2020102426	

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Dismissed - Proceed to Grant**

2015243012 **Roto-gro Inc. ( Brown, P. )**

**Patents Granted**

**Standard Patents**

2013388053	2014277874	2014305838	2014321101
2014336555	2014351348	2014412382	2015202929
2015205612	2015206272	2015226855	2015232048
2015235986	2015237864	2015241422	2015243012
2015243236	2015261737	2015263055	2015271068
2015271824	2015274589	2015274731	2015294052
2015301952	2015305430	2015305515	2015305673
2015308790	2015309176	2015311483	2015312623
2015314049	2015317748	2015330095	2015336086
2015336853	2015343095	2015349866	2015353815
2015367295	2015401012	2015401019	2015404416
2015405065	2015407920	2015413333	2015415509
2016201622	2016202016	2016202253	2016202611
2016204580	2016215127	2016217648	2016219835
2016222455	2016222629	2016222865	2016223617
2016229147	2016231515	2016232433	2016233247
2016233609	2016238624	2016244061	2016247293
2016247382	2016247626	2016248343	2016249742
2016250012	2016250935	2016251402	2016251470
2016252995	2016255559	2016257149	2016258837
2016261407	2016263579	2016264493	2016269153
2016270422	2016271140	2016274764	2016278100
2016280243	2016280303	2016280624	2016281197
2016283424	2016284755	2016288367	2016289271
2016289755	2016290464	2016291069	2016292808
2016294584	2016295663	2016296472	2016297654
2016297794	2016303731	2016306667	2016307325
2016314146	2016320772	2016324082	2016324495
2016327456	2016330395	2016331076	2016334382
2016335074	2016335761	2016337508	2016337532
2016342285	2016346311	2016347533	2016351211
2016352274	2016359627	2016364938	2016368637
2016369464	2016374874	2016376034	2016381988
2016387348	2016407229	2016421837	2017200959
2017206531	2017207323	2017210987	2017214993
2017216082	2017226674	2017236289	2017242650
2017253536	2017262706	2017265347	2017265445
2017269453	2017288035	2017289701	2017291216
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2017366375	2017375308	2017385510	2017388691
2017388692	2017394052	2017405558	2017417132
2017425949	2017426099	2017436554	2017443223
2018202713	2018203077	2018210155	2018210690
2018217864	2018222954	2018222971	2018223031
2018230730	2018236672	2018236699	2018241088
2018241089	2018241568	2018241694	2018248766
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2018271107	2018272381	2018280753	2018286661
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2019203896	2019204270	2019204493	2019204495

**Patents Granted**

**Standard Patents**

2019204533	2019204667	2019204670	2019204697
2019206013	2019206060	2019208222	2019213315
2019216664	2019219810	2019219864	2019236586
2019240554	2019240694	2019240735	2019242546
2019246872	2019250125	2019253914	2019255786
2019257398	2019261739	2019261779	2019266049
2019271907	2019271913	2019272039	2019275643
2019284017	2019309601	2019384923	2020200357
2020200364	2020200666	2020201005	2020201212
2020201353	2020201402	2020201577	2020201953
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2020244513	2020267151		

**Innovation Patents**

2018102194	2019101783	2019101785	2019101786
2019101787	2020103761	2020103828	2020103989
2020104250	2020104377	2020104381	2020104386
2020104387	2020104403	2020104414	2020104418
2021100019	2021100024	2021100042	2021100047
2021100072	2021100073	2021100074	2021100075
2021100076	2021100077	2021100080	2021100081
2021100083	2021100084	2021100085	2021100086
2021100088	2021100089	2021100091	2021100092
2021100093	2021100094	2021100095	2021100096
2021100097	2021100100	2021100101	2021100102

**Revocation**

It is hereby notified that the offer by the Patentee **Asceneuron S. A.** to surrender Patent 2017222958 which was advertised in the Official Journal of 11.02.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Asceneuron S. A.** to surrender Patent 2017222964 which was advertised in the Official Journal of 11.02.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that as a consequence of a court order dated 22.01.2019 by the Federal Court of New South Wales in proceedings number NSD532/2016 , Patent 2003301807 in the name of **Alkermes Pharma Ireland Limited; BGP Products Operations GmbH** has been revoked in relation to Partial Revocation of Claims .

It is hereby notified that as a consequence of a court order dated 22.01.2019 by the Federal Court of New South Wales in proceedings number NSD532/2016 , Patent 2006313711 in the name of **BGP Products Operations GmbH** has been revoked in relation to Partial Revocation of Claims .

**Assignments Registered**

2001040285	ABB Schweiz AG	The patent has been assigned to <b>ABB Power Grids Switzerland AG</b>
2002300426	ABB Schweiz AG	The patent has been assigned to <b>ABB Power Grids Switzerland AG</b>
2003235146	Simcro Tech Limited	The patent has been assigned to <b>Datamars Limited</b>
2003283890	Simcro Tech Limited	The patent has been assigned to <b>Datamars Limited</b>
2004227475	ABB Schweiz AG	The patent has been assigned to <b>ABB Power Grids Switzerland AG</b>
2005200514	ABB Schweiz AG	The patent has been assigned to <b>ABB Power Grids Switzerland AG</b>

**Assignments Registered**

2005201311 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2005250503 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2005250504 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2005282719 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2006325350 BASF SE; JGC Corporation The patent has been assigned to **BASF SE; JGC Corporation**

2007288182 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2007324344 Orica Explosives Technology Pty Ltd The patent has been assigned to **Mineral Carbonation International Pty Ltd**

2008224180 GELITA AG; Carl Freudenberg KG The patent has been assigned to **GELITA AG**

2008253832 Simcro Tech Limited The patent has been assigned to **Datamars Limited**

2008363966 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009256926 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009256991 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009257891 Pliant LLC The patent has been assigned to **ABX Solutions, LLC**

2009287345 Orica Explosives Technology Pty Ltd The patent has been assigned to **Mineral Carbonation International Pty Ltd**

2009347587 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009355281 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009356456 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2009356476 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2010227018 AUSSIE PEAT PTY LTD The patent has been assigned to **Merdel Building & Renovations Pty Ltd**

2010252079 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2010291222 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2010344989 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2010360603 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011212636 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

**Assignments Registered**

2011218614 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011263774 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011274281 Lampl, Stephan The patent has been assigned to **edelweiss dentistry products gmbh**

2011344119 Accelergy Corporation The patent has been assigned to **C2XX CORPORATION**

2011362347 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011370736 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011370773 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011372741 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2011373434 Luxcel Biosciences Limited The patent has been assigned to **Agilent Technologies, Inc.**

2012219663 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2012245083 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2012264701 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2012311554 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2012337260 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2012341137 Skjold, Lars The patent has been assigned to **Møllerodden AS**

2012345975 Perosphere Pharmaceuticals Inc. The patent has been assigned to **Covis Pharma GmbH**

2013286233 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013307521 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013347028 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013351364 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013361806 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013376448 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013394122 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2013396770 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**



**Assignments Registered**

2013407826 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014202564 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014203221 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014203314 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014245860 Lampl, Stephan The patent has been assigned to **edelweiss dentistry products gmbh**

2014246942 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014296613 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014308188 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014351474 OmniActive Health Technologies (Canada) Limited The patent has been assigned to **OmniActive Health Technologies Limited**

2014358910 Design Reality Ltd The patent has been assigned to **Core Protection Systems Ltd**

2014358911 Design Reality Ltd The patent has been assigned to **Core Protection Systems Ltd**

2014377330 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2014410506 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2015101368 Flight Plastics Limited The patent has been assigned to **Alto Packaging Limited**

2015220811 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2015258859 InCube Labs, LLC The patent has been assigned to **Rani Therapeutics, LLC**

2015273825 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2015317446 Herlev Hospital The patent has been assigned to **IO Biotech ApS**

2015371617 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2015416888 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2016264034 NeRRre Therapeutics Limited The patent has been assigned to **KaNdy Therapeutics Limited**

2016394894 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2016395961 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2016424708 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

**Assignments Registered**

2016426958 ABB Schweiz AG The patent has been assigned to **ABB Power Grids Switzerland AG**

2018101194 Loyyal Corporation The patent has been assigned to **Loyyal Holdings Incorporated**

2018101795 OXTI CORPORATION The patent has been assigned to **Zgonic Pty Ltd**

2020100739 Arrow Plastics Pty Ltd The patent has been assigned to **ATH (Australia) Pty Limited**

2020102460 DECKEN BIOTECH, INC. The patent has been assigned to **DECKEN BIOTECH, INC.; Hau Cheng Food Biotechnology Co., Ltd.**

2020103968 Arrow Plastics Pty Limited The patent has been assigned to **ATH (Australia) Pty Limited**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2018274883 **Novartis AG; Astex Therapeutics Ltd**

The earliest first regulatory approval date provided by the patentee 23 Oct 2017

For the goods KISQALI ribociclib

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

**Extensions granted**

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

2014267041 **Diurnal Limited**

The earliest first regulatory approval date provided by the patentee 18 Aug 2020

For the goods ALKINDI hydrocortisone

Extension of Term of patent pursuant to Section 77 expires on 18 Aug 2035

**Corrigenda**

In Vol 31 , No 43 , Page(s) 6283 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name L'AIR LIQUIDE, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, Application No. 2016238624, under INID (54) correct the title to read Method for producing oxygen by VPSA comprising four adsorbers

In Vol 34 , No 48 , Page(s) 6968 under the heading **Applications Accepted - Name Index** Under the name L'AIR LIQUIDE, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, Application No. 2016238624, under INID (54) correct the title to read Method for producing oxygen by VPSA comprising four adsorbers

In Vol 35 , No 12 , Page(s) 1884 under the heading **Amendments - Application for Amendments** Under the name Arvinas, Inc., Patent Application No. 2016232705 correct the date of the statements to 18 Feb 2021 and 5 Mar 2021

## Corrigenda

In Vol 35 , No 4 , Page(s) 516 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2020** Delete all reference to 2020257138.

## Specifications Republished

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

2003301807	<b>Alkermes Pharma Ireland Limited; BGP Products Operations GmbH</b>
2006313711	<b>BGP Products Operations GmbH</b>
2015208919	<b>Oxford Nanopore Technologies Limited</b>
2015217260	<b>The Board of Trustees of the Leland Stanford Junior University</b>
2015283270	<b>Merck Patent GmbH</b>
2015317622	<b>LI-COR, Inc.</b>
2015324347	<b>RMH Tech LLC</b>
2015348801	<b>Société des Produits Nestlé S.A.</b>
2015387704	<b>Gree Electric Appliances, Inc. of Zhuhai</b>
2017388066	<b>DexCom, Inc.</b>
2017445624	<b>Fluor Technologies Corporation</b>
2018203146	<b>Fisher &amp; Paykel Healthcare Limited</b>
2018290633	<b>Korea Advanced Institute of Science and Technology</b>
2019203606	<b>Cyclerion Therapeutics, Inc.</b>