



Australian Government

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
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>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
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>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
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>
E) Patents Certified – Name Index	
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)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Phoenix Contact GmbH & Co. KG v Pivot Electronics Pty Ltd [2021] APO 16

Patent Application:	2014253680
Title:	Terminal and Disconnection Link
Patent Applicant:	Pivot Electronics Pty Ltd
Opponent:	Phoenix Contact GmbH & Co. KG
Delegate:	M. G. Kraefft
Decision Date:	29 March 2021
Hearing Date:	Written submissions completed on 1 March 2021.
Catchwords:	PATENTS – section 59 – final determination – whether amendments overcome defects identified in previous decision – amendments do not overcome deficiencies – further opportunity to amend allowed.
Representation:	Patent attorneys for the applicant: FB Rice. Patent attorneys for the opponent: Griffith Hack.

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Mar 2021 .

<hr/> <p>(71) A.C.N. 602 586 952 PTY LTD (21) 2021900876 (22) 24.03.2021 (54) CONTACTLESS PAYMENT VIA MOBILE DEVICES USING HYBRID COMMUNICATIONS APPROACH</p> <hr/> <p>(71) Abbot, I. (21) 2021900912 (22) 28.03.2021 (54) A building anchoring system to anchor buildings in severe weather conditions. System uses a ballast process</p> <hr/> <p>(71) AEROMECH PTY LTD (21) 2021900838 (22) 22.03.2021 (54) Unmanned Surface Vehicle</p> <hr/> <p>(71) AFFINITY BIOSCIENCES PTY LTD (21) 2021900873 (22) 24.03.2021 (54) BINDING AGENTS FOR KLK3 PEPTIDE-MHC COMPLEX</p> <hr/> <p>(71) AgriX; AgriX IP Pty Ltd (21) 2021900883 (22) 25.03.2021 (54) Soil Sample Collection Device</p> <hr/> <p>AgriX IP Pty Ltd see AgriX (21) 2021900883</p> <hr/> <p>(71) AI MOTOR PTY LTD (21) 2021900833 (22) 22.03.2021 (54) STRAW</p> <hr/> <p>(71) AirSpayce Pty Ltd (21) 2021900867 (22) 24.03.2021 (54) A FLUID-DAMPED VALVE</p> <hr/> <p>(71) Anns, R. (21) 2021900822 (22) 21.03.2021 (54) Quick Connect Junction Box</p> <hr/>	<p>(71) ASSA ABLOY Australia Pty Limited (21) 2021900866 (22) 24.03.2021 (54) ELECTRONIC LOCK SYSTEM WITH MOTION DETECTION</p> <hr/> <p>(71) Aucentra Therapeutics Pty Ltd (21) 2021900853 (22) 23.03.2021 (54) NOVEL INHIBITORS</p> <hr/> <p>(71) AUT Ventures Limited (21) 2021900849 (22) 23.03.2021 (54) A RESPIRATORY HUMIDIFYING DEVICE AND A METHOD OF OPERATION</p> <hr/> <p>(71) AUT Ventures Limited (21) 2021900851 (22) 23.03.2021 (54) REMOVEABLE RESPIRATORY HUMIDIFYING DEVICE MODULE</p> <hr/> <p>(71) Bartos, I. (21) 2021900823 (22) 21.03.2021 (54) A Multiball Playfield Exchange Device</p> <hr/> <p>(71) Bartos, I. (21) 2021900824 (22) 21.03.2021 (54) A Changeable Arcade Game Device</p> <hr/> <p>(71) BRADLEY, M. (21) 2021900909 (22) 26.03.2021 (54) ROTARY CLAW DRILL BIT</p> <hr/> <p>(71) Breville Pty Limited (21) 2021900875 (22) 24.03.2021 (54) Group head for an espresso machine</p> <hr/> <p>(71) BULGER, S. (21) 2021900884 (22) 25.03.2021 (54) S L BULGER</p> <hr/>	<p>(71) Buluro, O. (21) 2021900864 (22) 23.03.2021 (54) A game where players talk to different types of customers to understand them and sell to them.</p> <hr/> <p>(71) CALPAIN THERAPEUTICS PTY LTD (21) 2021900844 (22) 23.03.2021 (54) METHODS AND COMPOSITIONS FOR TREATING OCULAR ISCHEMIC DISEASES, CONDITIONS OR STATES</p> <hr/> <p>(71) CALPAIN THERAPEUTICS PTY LTD (21) 2021900845 (22) 23.03.2021 (54) INTRAOCULAR COMPOSITIONS FOR DELIVERY OF POORLY SOLUBLE DRUGS</p> <hr/> <p>(71) Central Queensland University (21) 2021900891 (22) 25.03.2021 (54) A System and Method for Dispensing Water</p> <hr/> <p>(71) Chin, D. (21) 2021900847 (22) 23.03.2021 (54) A method of treatment</p> <hr/> <p>(71) Climb Stop Pty Ltd as Trustee for Fence Safe Trust (21) 2021900890 (22) 25.03.2021 (54) AN ANTI-CLIMBING DEVICE</p> <hr/> <p>(71) CMTE Development Limited (21) 2021900850 (22) 23.03.2021 (54) A carbon fibre rock bolt</p> <hr/> <p>Coleman, W. see Vowles, R. (21) 2021900885</p> <hr/>
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Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2021900826 (22) 22.03.2021
(54) METHOD FOR FORMING A METAL MATRIX COMPOSITE STRUCTURE

(71) Conen, A.
(21) 2021900906 (22) 26.03.2021
(54) Exercise Device

(71) Cube Industrial Design Pty Ltd
(21) 2021900911 (22) 26.03.2021
(54) Above-ground ash interment system

(71) Dimerix Bioscience Pty Ltd
(21) 2021900862 (22) 23.03.2021
(54) Treatment of Inflammatory Diseases

(71) ELMASRI, D.
(21) 2021900846 (22) 23.03.2021
(54) CUTTING TOOL

(71) Freeman, C.
(21) 2021900905 (22) 26.03.2021
(54) Boat trailer loader system

(71) Garrido Sanchis, A.
(21) 2020904730 (22) 18.12.2020
(54) Sustainable Water Treatment and Energy Generating Technology

Georgievski, P. see Reaby, L.
(21) 2021900843

(71) GREAT WRAP PTY LTD
(21) 2021900904 (22) 26.03.2021
(54) Film and method

(71) Hegab, A.S.; Sadek, N.
(21) 2021900869 (22) 24.03.2021
(54) 2021 Method for Generating Medical Before and After Photos

(71) Hexion Australia Pty Ltd
(21) 2021900863 (22) 23.03.2021
(54) Fire Retardant Composition

(71) HUMPHREYS, L.
(21) 2021900820 (22) 20.03.2021
(54) Energy harvesting conveyor roller and arrangement

(71) Illinois Tool Works Inc.
(21) 2021900889 (22) 25.03.2021
(54) Post bracket and blank for forming same

(71) immersifAI Pty Ltd
(21) 2021900901 (22) 26.03.2021
(54) Ball Projecting Apparatus

(71) Integrated Plastics Pty Limited
(21) 2021900907 (22) 26.03.2021
(54) BLOW AND FILL SYSTEM FOR CONTAINERS WITH INTEGRAL HANDLES

(71) IP Reserve Pty Ltd
(21) 2021900827 (22) 22.03.2021
(54) LEVELLING RAMP ASSEMBLY

(71) Jakovcevich, C.
(21) 2021900839 (22) 22.03.2021
(54) SOLAR ENGINE

(71) Jak Technologies Pty Ltd
(21) 2021900755 (22) 16.03.2021
(54) A Rail System for a Firearm

(71) JTL3 Pty Ltd
(21) 2021900897 (22) 26.03.2021
(54) A BRUSH CLEANING DEVICE

(71) Kadekodi, V.
(21) 2021900825 (22) 21.03.2021
(54) Currently front load washing machines can be run in hot or cold water modes. It is proven that hot water wash results in cleaner and better wash but is slightly more expensive. My invention is a middle ground but make the washing more efficient with minimal extra cost over cold water wash. It is to add hot water to the detergent in front loading machine to make it work harder. Typically a front loading machine uses about 2 litre of water to wash the detergent and I want to use hot water to wash down the detergent to make the washing more efficient than cold water wash with minimal extra cost.

(71) Kalyan, S.
(21) 2021900887 (22) 25.03.2021
(54) Optically corrected dynamic image scaling

Karimi, M. see Kashani, J.
(21) 2021900821

(71) Kashani, J.; Vanaki, S.; Karimi, M.
(21) 2021900821 (22) 21.03.2021
(54) Method for manufacturing a patient-specific radiotherapy treatment dosimetry phantom

(71) Leigh de la Motte
(21) 2021900868 (22) 24.03.2021
(54) Text input method

(71) Lions Eye Institute Limited
(21) 2021900788 (22) 18.03.2021
(54) Determining Intracranial Pressure

(71) MacGillivray, D.J.
(21) 2021900829 (22) 22.03.2021
(54) Training Aid

(71) MacGregor, F.
(21) 2021900835 (22) 22.03.2021
(54) An Illuminated Lead or Cable

(71) Maytronics Australia Pty Ltd
(21) 2021900900 (22) 26.03.2021
(54) Delivery Housing

(71) McGrath, G.
(21) 2021900828 (22) 22.03.2021
(54) IMPROVED DOOR LOCK SYSTEM

(71) MINETOMETAL PTY LTD
(21) 2021900840 (22) 22.03.2021
(54) Copper and Zinc Recovery from Residues

(71) MITCHELL, P.
(21) 2021900899 (22) 26.03.2021
(54) SYSTEM AND METHOD FOR FACILITATING DRIVERS IN FOREIGN COUNTRIES

(71) Modibodi Australia Pty Ltd
(21) 2021900852 (22) 23.03.2021
(54) A bra cup

(71) Modsel Pty Ltd
(21) 2021900902 (22) 26.03.2021
(54) Headrest for surgical procedures

(71) Monash University
(21) 2021900888 (22) 25.03.2021
(54) A co-pyrolysis method for rubber containing materials

(71) Moore, D.
(21) 2021900805 (22) 19.03.2021
(54) Move Left

(71) Murdoch University
(21) 2021900859 (22) 23.03.2021
(54) Methods for Treating Axonal Degeneration-Related Conditions

(71) Plexum Pty Ltd
(21) 2021900856 (22) 23.03.2021
(54) A charging and connectivity station

Provisional Applications Filed - Name Index cont'd

(71) Power, R.
(21) 2021900832 (22) 22.03.2021
(54) Jetloo watersaving toilet

(71) Power, R.
(21) 2021900834 (22) 22.03.2021
(54) Powerspinner reaction turbine generat-
or

(71) Power, R.
(21) 2021900837 (22) 22.03.2021
(54) Scaffgrip, scaffolding wall anchor

(71) Puffe, M.
(21) 2021900896 (22) 26.03.2021
(54) Rated Platform

(71) Reaby, L.; Georgievski, P.
(21) 2021900843 (22) 23.03.2021
(54) An improved polyurethane core building
panel

(71) Refra Labs Pty Ltd
(21) 2021900908 (22) 26.03.2021
(54) A REFERRAL SYSTEM

(71) Repeller Pty Ltd
(21) 2021900857 (22) 23.03.2021
(54) Anti-Mollusc Composition (4)

(71) ResMed Pty Ltd
(21) 2021900871 (22) 24.03.2021
(54) POSITIONING, STABILISING, AND
INTERFACING STRUCTURES AND
SYSTEM INCORPORATING SAME

Sadek, N. see Hegab, A.S.
(21) 2021900869

(71) SAL National Pty Ltd
(21) 2021900910 (22) 26.03.2021
(54) Wireless control and communication

(71) Samson Coffee House Pty Ltd
(21) 2021900784 (22) 18.03.2021
(54) APPARATUS FOR BREWING FILTER
COFFEE

(71) SKARRATT, K.
(21) 2021900861 (22) 23.03.2021
(54) Phonology teaching arrangement and
methodology

(71) South East Water Corporation
(21) 2021900836 (22) 22.03.2021
(54) Method and system of leak detection

(71) Starboard Co. Ltd
(21) 2021900872 (22) 24.03.2021
(54) Inflatable water-sports board with
raised protrusions along its sides

**Sydney Local Health District see The Heart
Research Institute Ltd**
(21) 2021900882

(71) Technofast Industries Pty Ltd
(21) 2021900831 (22) 22.03.2021
(54) Radial Fit Coupling Bolts

(71) The Council of The Queensland Insti-
tute of Medical Research
(21) 2021900670 (22) 09.03.2021
(54) BIOMARKERS FOR ALLERGIC SENS-
ITIVITY RISK

(71) The Heart Research Institute Ltd; The
University of Sydney; Sydney Local
Health District
(21) 2021900882 (22) 25.03.2021
(54) Treatment methods for pulmonary arter-
ial hypertension

(71) The Trustee for Hada Family Trust
(21) 2021900841 (22) 22.03.2021
(54) Keyed Ballast for Solar

(71) The University of Melbourne
(21) 2021900874 (22) 24.03.2021
(54) BUOYANT BEADS WITH CARBONIC
ANHYDRASE FOR ALGAE PRODUC-
TION

(71) The University of Queensland
(21) 2021900854 (22) 23.03.2021
(54) Method for stabilising PVC and method
for forming carbon fibres from PVC

**The University of Sydney see The Heart
Research Institute Ltd**
(21) 2021900882

(71) Trevor J. Umback
(21) 2021900860 (22) 23.03.2021
(54) Selectively limiting functionality of a mo-
bile terminal

(71) UON Pty Ltd
(21) 2021900855 (22) 23.03.2021
(54) Powering of submersible pumps via re-
newable energy sources

Vanaki, S. see Kashani, J.
(21) 2021900821

(71) Vanderputt, A.
(21) 2021900878 (22) 24.03.2021
(54) Heating system control

(71) Vater, L.
(21) 2021900830 (22) 22.03.2021
(54) A BUILDING ARRANGEMENT AND
A METHOD OF CONSTRUCTION
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(71) Vertigo3.org Pty Ltd
(21) 2021900879 (22) 24.03.2021
(54) VEHICLE FOR UNDERWATER SUR-
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(71) Volt Power Group Limited
(21) 2021900858 (22) 23.03.2021
(54) AN ENERGY STORAGE AND POWER
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(71) Vowles, R.; Coleman, W.
(21) 2021900885 (22) 25.03.2021
(54) Automotive Ride Control System

(71) Vuly 122 Ingleston Road Pty Ltd
(21) 2021900848 (22) 23.03.2021
(54) Gamification of a Sports Game

(71) Western Sydney Local Health District
(21) 2021900877 (22) 24.03.2021
(54) Surgical tool for dissecting tissues

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2021900874	The University of Melbourne		
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2021900882	The Heart Research Institute Ltd; The University of Sydney; Sydney Local Health District		
2021900883	AgriX; AgriX IP Pty Ltd		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Mar 2021 .

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

<hr/> <p>(71) 4D Pharma León, S.L.U. (21) 2021201767 (22) 22.03.2021 (54) Process for lyophilising a product (62) 2018300358</p> <hr/> <p>(71) A. Raymond Et Cie (21) 2021201751 (22) 19.03.2021 (54) PIN (31) 63/020,856 (32) 06.05.20 (33) US FR2004660 12.05.20 FR</p> <hr/> <p>(71) Acres Technology (21) 2021201769 (22) 22.03.2021 (54) Method and Apparatus for Monitoring a Network of Gaming Machines and Dispatching Service Providers (62) 2019200122</p> <hr/> <p>(71) AdvanTec Global Innovations Inc. (21) 2021201715 (22) 18.03.2021 (54) Repowering system for vehicles and vessels (31) 3,076,403 (32) 19.03.20 (33) CA</p> <hr/> <p>(71) Allergan Industrie, SAS (21) 2021201803 (22) 23.03.2021 (54) Polysaccharide gel formulation (62) 2018260925</p> <hr/> <p>(71) Allergan Pharmaceuticals International Limited (21) 2021201321 (22) 01.03.2021 (54) Preparation and/or formulation of proteins cross-linked with polysaccharides (62) 2018222971</p> <hr/> <p>(71) Alliqua BioMedical, Inc. (21) 2021201720 (22) 18.03.2021 (54) Systems and methods for producing and delivering ultrasonic therapies for wound treatment and healing (62) 2019219713</p> <hr/> <p>(71) Allnex Netherlands B.V. (21) 2021201739 (22) 19.03.2021 (54) RMA crosslinkable compositions and RMA crosslinkable resins for easy to clean coatings (62) 2016250029</p> <hr/>	<p>(71) Amgen Inc.; ConnectMeSmart GmbH (21) 2021201762 (22) 22.03.2021 (54) System and method for detecting activation of a medical delivery device (62) 2015292918</p> <hr/> <p>(71) Amylyx Pharmaceuticals Inc. (21) 2021201770 (22) 22.03.2021 (54) Compositions for improving cell viability and methods of use thereof (62) 2019200658</p> <hr/> <p>(71) Anhui University of Science and Technology (21) 2021201711 (22) 18.03.2021 (54) VIDEO RECOGNITION-BASED MINE UNDERGROUND MONORAIL CRANE TRANSPORT SYSTEM</p> <hr/> <p>(71) Apple Inc. (21) 2021201687 (22) 17.03.2021 (54) Portable multifunction device with interface reconfiguration mode (62) 2019204835</p> <hr/> <p>(71) Apple Inc. (21) 2021201748 (22) 19.03.2021 (54) User interface for manipulating user interface objects (62) 2019206101</p> <hr/> <p>(71) Apple Inc. (21) 2021201777 (22) 22.03.2021 (54) Devices, methods, and graphical user interfaces for wireless pairing with peripheral devices and displaying status information concerning the peripheral devices (62) 2019203626</p> <hr/> <p>(71) Apple Inc. (21) 2021201780 (22) 22.03.2021 (54) User interface for manipulating user interface objects (62) 2019272034</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2021201792 (22) 23.03.2021 (54) Laparoscopic suturing system (62) 2016321317</p> <hr/> <p>(71) Arcadia Power Inc. (21) 2021201743 (22) 19.03.2021</p>	<p>(54) Methods of optimizing energy usage from energy suppliers (31) 16/925,707 (32) 10.07.20 (33) US 62/992,560 20.03.20 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2021201753 (22) 19.03.2021 (54) SYSTEMS AND METHODS FOR WAGER AND TURNOVER TRACKING AND RELATED INCENTIVES (31) 16/825,695 (32) 20.03.20 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2021201754 (22) 19.03.2021 (54) PROGRESSIVE GAMING SYSTEM WITH VARIABLE ESCROW CONTRIBUTION OR APPLICATION (31) 16/826,124 (32) 20.03.20 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021201698 (22) 17.03.2021 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2019200464</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021201699 (22) 17.03.2021 (54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME (62) 2018278882</p> <hr/> <p>(71) Baylor Research Institute (21) 2021201773 (22) 22.03.2021 (54) Methods and compositions for treating autoimmune and inflammatory conditions (62) 2015258875</p> <hr/> <p>(71) BEYONDSRING PHARMACEUTICALS, INC. (21) 2021201784 (22) 22.03.2021 (54) Plinabulin compositions (62) 2016291708</p> <hr/> <p>(71) BioMadison, Inc. (21) 2021201668 (22) 17.03.2021 (54) BOTULINUM NEUROTOXINS WITH MODIFIED LIGHT CHAIN SPECIFICITY AND METHODS FOR PRODUCING SAME (62) 2015301737</p>
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(71) Bioerativ USA Inc.
(21) 2021201759 (22) 22.03.2021
(54) Anti-complement C1s antibodies and uses thereof
(62) 2019200448

(71) Bluescope Steel Limited
(21) 2021201732 (22) 19.03.2021
(54) Roof Clip
(62) 2016206190

(71) Capital Hardware Supply, LLC
(21) 2021201568 (22) 11.03.2021
(54) STANDOFF FOR DUCTWORK DAMPER ASSEMBLY, DUCTWORK DAMPER ASSEMBLY INCORPORATING SAME AND METHOD OF ASSEMBLING DUCTWORK DAMPER ASSEMBLY
(31) 62/972,371 (32) 10.02.20 (33) US

(71) Cedars-Sinai Medical Center
(21) 2021201667 (22) 17.03.2021
(54) Compositions and methods for treating cancers
(62) 2015274334

(71) CFPH, LLC
(21) 2021201764 (22) 22.03.2021
(54) COMPUTER BASED GAMING
(62) 2019201126

(71) Charles Sturt University
(21) 2021201778 (22) 22.03.2021
(54) Novel, heavy vitamin B12 derivatives
(62) 2020217355

(71) Children's Hospital Medical Center
(21) 2021201783 (22) 22.03.2021
(54) SARS CoV2 infection biomarkers and uses thereof
(31) 63/007,477 (32) 09.04.20 (33) US
63/024,020 13.05.20 US
63/055,975 24.07.20 US
PCT/ 22.12.20 WO
US2020/066621

(71) Children's Hospital Medical Center
(21) 2021201786 (22) 22.03.2021
(54) Compositions and methods for the treatment of severe acute respiratory syndrome coronavirus 2 (SARS-COV-2) infection
(31) 63/007,477 (32) 09.04.20 (33) US

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(21) 2021201707

(71) CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD.; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.
(21) 2021201707 (22) 18.03.2021
(54) Vibration Damping Device, Vibration Damping Method and Long-Span Bridge
(31) 202010826922.3 (32) 17.08.20 (33) CN

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2021201735 (22) 19.03.2021
(54) Representing an interior of a volume
(62) 2015299765

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(21) 2021201762

(71) ConocoPhillips Company; University of Kansas
(21) 2021201719 (22) 18.03.2021
(54) DELAYED GELATION OF POLYMERS
(62) 2019257441

(71) Crystal Lagoons (Curacao) B.V.
(21) 2021201713 (22) 18.03.2021
(54) A publicly accessible urban beach entertainment complex with a centerpiece man-made tropical-style lagoon and method for providing efficient utilization of limited use land
(62) 2018405539

(71) Einhell Germany AG
(21) 2021201701 (22) 17.03.2021
(54) Battery pack for an electrical appliance
(31) 10 2020 109 105.2 (32) 01.04.20 (33) DE

(71) Epizyme, Inc.
(21) 2021201705 (22) 18.03.2021
(54) EZH2 INHIBITORS FOR TREATING LYMPHOMA
(62) 2016275051

(71) Fate Therapeutics, Inc.
(21) 2021201791 (22) 23.03.2021
(54) Improved hematopoietic stem and progenitor cell therapy
(62) 2019200134

(71) Fisher & Paykel Healthcare Limited
(21) 2021201712 (22) 18.03.2021
(54) APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM
(62) 2016242101

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021201727 (22) 19.03.2021

(54) A FAN UNIT WITH IMPROVED SURGE CHARACTERISTICS
(62) 2019203968

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021201728 (22) 19.03.2021
(54) BREATHING CONTROL USING HIGH FLOW RESPIRATION ASSISTANCE
(62) 2019201462

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021201787 (22) 22.03.2021
(54) HUMIDIFICATION SYSTEM CONNECTIONS
(62) 2019210575

(71) Fometix LLC
(21) 2021201768 (22) 22.03.2021
(54) Encryption deployment discovery
(62) 2016332203

(71) Givens, R.; Klein, J.A.; McDorman, D.; Reuther, J.J.; Seidt, J.D.
(21) 2021201685 (22) 17.03.2021
(54) Oxygen concentrating self-rescuer device
(62) 2016343828

(71) GLOBERIDE, Inc.
(21) 2021201746 (22) 19.03.2021
(54) Reel seat
(31) 2020-127191 (32) 28.07.20 (33) JP

(71) Gogo Business Aviation LLC
(21) 2021201697 (22) 17.03.2021
(54) Dynamic Time Based Products
(62) 2015266753

(71) Grand Performance Online Pty Limited
(21) 2021201766 (22) 22.03.2021
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
(62) 2018360619

(71) Grand Performance Online Pty Ltd
(21) 2021201744 (22) 19.03.2021
(54) A computer-enabled method, system and computer program for providing an intuitive user interface arranged to create a dynamic floor plan utilisable by an allocation algorithm to perform the task of allocating a space, furniture, equipment or service
(62) 2020200608

(71) Hangzhou DAC Biotech Co., Ltd
(21) 2021201765 (22) 22.03.2021

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(54) Hydrophilic Linkers for Conjugate
(62) 2015242210

(71) Hegel Industrial Solutions Pty Ltd
(21) 2021201598 (22) 12.03.2021
(54) DATA CAPTURE DEVICE AND SYSTEM
(62) 2015263855

(71) Honeywell International Inc.
(21) 2021201799 (22) 23.03.2021
(54) Apparatus and method for using a distributed systems architecture (DSA) in an internet of things (IoT) edge appliance
(62) 2016366997

(71) IMASCAP
(21) 2021201702 (22) 17.03.2021
(54) Methods, systems and devices for pre-operatively planned glenoid placement guides and uses thereof
(62) 2019236698

(71) Info Wise Limited
(21) 2021201689 (22) 17.03.2021
(54) WIRELESS ACCESS TAG DUPLICATION SYSTEM AND METHOD
(62) 2016299960

(71) J.C. Bamford Excavators Limited
(21) 2021201722 (22) 18.03.2021
(54) A CONTROLLER
(31) 2004691.8 (32) 31.03.20 (33) GB

(71) JJS Application Technologies Ltd
(21) 2021201761 (22) 22.03.2021
(54) Adhesive tape dispenser head

(71) JJS Application Technologies Ltd
(21) 2021201785 (22) 22.03.2021
(54) Adhesive tape dispenser

(71) Juganu Ltd.
(21) 2021201804 (22) 23.03.2021
(54) LIGHTING SYSTEMS FOR GENERAL ILLUMINATION AND DISINFECTION
(31) 62/993,295 (32) 23.03.20 (33) US
16/850,760 16.04.20 US
2013198.3 24.08.20 GB

(71) KB8, Inc.
(21) 2021201703 (22) 18.03.2021
(54) CALCIUM CYANAMIDE FERTILIZER WITH TRIAZONE
(31) 17/196,147 (32) 09.03.21 (33) US
62/991,240 18.03.20 US

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(21) 2021201685

(71) La Jolla Pharma, LLC
(21) 2021201669 (22) 17.03.2021
(54) Methods for treating hypotension
(62) 2015287955

(71) LanzaTech New Zealand Limited
(21) 2021201796 (22) 23.03.2021
(54) Gas testing unit and method
(62) 2015335917

(71) LG ELECTRONICS INC.
(21) 2021201317 (22) 01.03.2021
(54) LAUNDRY TREATING APPARATUS
(31) 10-2020-0027209 (32) 04.03.20 (33) KR

(71) Light Field Lab, Inc.
(21) 2021201774 (22) 22.03.2021
(54) Encoded energy waveguides for holographic super resolution
(62) 2019200194

(71) Ludwig Institute for Cancer Research Ltd.
(21) 2021201724 (22) 18.03.2021
(54) Specific binding proteins and uses thereof
(62) 2017276184

(71) MAC Valves, Inc.
(21) 2021201700 (22) 17.03.2021
(54) Digital Proportional Pressure Control
(31) 16/847,029 (32) 13.04.20 (33) US

(71) Manitou Italia S.r.l.
(21) 2021201733 (22) 19.03.2021
(54) Simulator for telehandlers
(31) 102020000006757 (32) 31.03.20 (33) IT

(71) Mashtraxx Limited
(21) 2021201716 (22) 18.03.2021
(54) Rhythmic Synchronization Of Cross Fading For Musical Audio Section Replacement For Multimedia Playback
(62) 2016281746

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(21) 2021201685

(71) Memorial Sloan-Kettering Cancer Center
(21) 2021201731 (22) 19.03.2021
(54) Effective generation of tumor-targeted T-cells derived from pluripotent stem cells
(62) 2019229342

(71) MEMORIAL SLOAN-KETTERING CANCER CENTER
(21) 2021201736 (22) 19.03.2021

(54) Method and composition for targeted delivery of therapeutic agents
(62) 2015292515

(71) Microsoft Technology Licensing, LLC
(21) 2021201763 (22) 22.03.2021
(54) Mobile device distance tracking
(62) 2015296778

(71) murphy, b.; Naughton, D.
(21) 2021201752 (22) 19.03.2021
(54) Micro anti theft tracking device system

(71) Nact Engineering Pte. Ltd.
(21) 2021201717 (22) 18.03.2021
(54) TETHERED ROBOTIC SYSTEM WITH ENHANCED MOBILITY
(31) 62/991,596 (32) 19.03.20 (33) US

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(21) 2021201752

(71) NBE-Therapeutics AG
(21) 2021201710 (22) 18.03.2021
(54) Binding protein drug conjugates comprising anthracycline derivatives
(62) 2015370918

(71) Nelson Irrigation Corporation
(21) 2021201734 (22) 19.03.2021
(54) Sprinkler Assembly Having Coiled Weight
(62) 2019202192

(71) Netflix, Inc.
(21) 2021201757 (22) 22.03.2021
(54) Staggered key frame video encoding
(62) 2018282738

(71) Netflix, Inc.
(21) 2021201760 (22) 22.03.2021
(54) Iterative techniques for encoding video content
(62) 2018223831

(71) NEXTREMITTY SOLUTIONS, INC.
(21) 2021201706 (22) 18.03.2021
(54) BONE CUT GUIDE APPARATUS AND METHOD
(31) 62/991,879 (32) 19.03.20 (33) US

(71) Northrop Grumman Systems Corporation
(21) 2021201692 (22) 17.03.2021
(54) Clock distribution system
(62) 2018367387

(71) Pact Group Industries (ANZ) Pty Ltd
(21) 2021201723 (22) 18.03.2021

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(54) PLASTIC CONTAINER
(31) 2020900825 (32) 18.03.20 (33) AU

(71) Palmaya Pty Ltd
(21) 2021201709 (22) 18.03.2021
(54) Syringe Infusion Devices And Systems For Delivery Of Active Agents
(62) 2015318803

(71) Panasonic Intellectual Property Management Co., Ltd.
(21) 2021201793 (22) 23.03.2021
(54) Transmission apparatus and transmission method
(62) 2016385204

(71) Patriot Research Center, LLC
(21) 2021201718 (22) 18.03.2021
(54) METAL TO METAL VEE SEAL
(31) 16/848,500 (32) 14.04.20 (33) US

(71) Pfizer Inc
(21) 2021201721 (22) 18.03.2021
(54) Neisseria meningitidis compositions and methods thereof
(62) 2019204425

(71) Price Holyoake (NZ) Limited
(21) 2021201795 (22) 23.03.2021
(54) Fire Damper
(62) 2019203399

(71) Price Holyoake (NZ) Limited
(21) 2021201797 (22) 23.03.2021
(54) Fire Damper
(62) 2019203399

(71) Prysmian S.p.A.
(21) 2021201729 (22) 19.03.2021
(54) Radiating coaxial cable
(31) 102020000005983 (32) 20.03.20 (33) IT

(71) Qualcomm Incorporated
(21) 2021201730 (22) 19.03.2021
(54) HYBRID AUTOMATIC REPEAT REQUEST (HARQ) PAYLOAD MAPPING FOR SHORT PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) ON A SHARED COMMUNICATION MEDIUM
(62) 2016358103

(71) Quantum Servo Pumping Technologies Pty Ltd
(21) 2021201775 (22) 22.03.2021
(54) High pressure seals
(31) 2020901922 (32) 11.06.20 (33) AU

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(21) 2021201685

(71) ReveraGen BioPharma, Inc.
(21) 2021201790 (22) 23.03.2021
(54) Non-hormonal steroid modulators of NF-kB for treatment of disease
(62) 2019203077

(71) Ricoh Company, Limited
(21) 2021201750 (22) 19.03.2021
(54) Powder Container and Image Forming Apparatus
(62) 2019203103

(71) Rovi Guides, Inc.
(21) 2021201688 (22) 17.03.2021
(54) Systems and methods for identifying content corresponding to a language spoken in a household
(62) 2016277774

(71) Scarab Genomics, LLC
(21) 2021201686 (22) 17.03.2021
(54) Enhanced Production Of Recombinant CRM197 In E.Coli
(62) 2015225439

(71) Secturion Systems, Inc.
(21) 2021201714 (22) 18.03.2021
(54) CLIENT(S) TO CLOUD OR REMOTE SERVER SECURE DATA OR FILE OBJECT ENCRYPTION GATEWAY
(62) 2016323147

Seidt, J.D. see Givens, R.
(21) 2021201685

(71) SG Gaming, Inc.
(21) 2021201781 (22) 22.03.2021
(54) Gaming machine and method with persistence feature
(31) 17/184,891 (32) 25.02.21 (33) US
63/027,417 20.05.20 US

(71) SharkNinja Operating LLC
(21) 2021201726 (22) 18.03.2021
(54) SURFACE CLEANING HEAD WITH LEADING ROLLER
(62) 2019253786

(71) Siemens Aktiengesellschaft
(21) 2021201690 (22) 17.03.2021
(54) Method, computer-implemented tool and power plant control device for detecting power production degradation of solar power plants and solar power plant system
(31) 20165141.1 (32) 24.03.20 (33) EP

(71) Siemens Aktiengesellschaft
(21) 2021201771 (22) 22.03.2021
(54) Method, computer-implemented tool and battery management system for estimating states of health of batteries

storing electrical energy and battery energy storage system
(31) 20165139.5 (32) 24.03.20 (33) EP

(71) Société des Produits Nestlé S.A.
(21) 2021201671 (22) 17.03.2021
(54) Confectionery composition comprising bran-like material
(62) 2017240082

(71) Société des Produits Nestlé S.A.
(21) 2021201741 (22) 19.03.2021
(54) Treatment or prevention of surgery-induced cachexia and/or expression of myeloid-derived suppressor cells and pro-inflammatory cytokines
(62) 2016217818

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(71) Somers, R.; Somers, S.
(21) 2021201725 (22) 18.03.2021
(54) FULLY EMBEDDED NODE FOR EXTENDING THE LIFE OF POLYURETHANE USED IN RESTORING SHOES

(71) Sony Interactive Entertainment Inc.
(21) 2021201737 (22) 19.03.2021
(54) INPUT DEVICE
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(71) Tasmanian Oyster Company Limited
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(54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSAHEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH
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(54) Rectangular/Square Delineator Adapter Sign Mount Joiner

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(54) FRICTION MEASURING DEVICE
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(54) A Manual Production Method of Aluminum Free Potato Starch Noodles

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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
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- 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
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- 27 Application Lapsed Reg. 3.5AF(2F)
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Assignments before Grant, Section 113

2015

2015219097 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016

2016246738 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016280663 Järver, Peter; SPETZ, Anna-Lena Marie; Sköld, Annette The application has been assigned to **TIRmed Pharma AB**

2016306653 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016336431 SunPower Corporation The application has been assigned to **Enphase Energy, Inc.**

2016340826 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016344321 SunPower Corporation The application has been assigned to **Enphase Energy, Inc.**

2016366557 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016372159 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2017

2017220100 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2017246404 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2017261496 Guinea, Robert The application has been assigned to **JJ & D Innovations Pty Ltd**

2017281193 Energy Frontier Solutions S.I. The application has been assigned to **Tubacex Upstream Technologies, S.A.**

2017325983 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2017325986 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2017325999 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments before Grant, Section 113

2017339417 TLL Pharmaceutical, LLC The application has been assigned to **Highlightll Pharmaceutical (Hainan) Co., Ltd**

2017371384 Rotacaster Wheel Pty Ltd The application has been assigned to **McKinnon, Peter**

2018

2018200255 KOHEN, Albert The application has been assigned to **GINO-AKA**

2018200824 Waste Diamond Solutions Pty Ltd; Mint Development Pty Ltd The application has been assigned to **Waste Diamond Solutions Pty Ltd; Jihany Pty Ltd**

2018213055 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018213637 Medshine Discovery Inc. The application has been assigned to **CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.**

2018217437 Laing O'Rourke Australia Pty Ltd The application has been assigned to **Presien Pty Ltd**

2018266893 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018277043 Episode Six Limited; Episode Six Limited The application has been assigned to **Episode Six Inc.; Episode Six Limited**

2018280534 Tianjin Zhongxin Pharmaceutical Group Corp., Ltd. Research Institute Branch Company The application has been assigned to **Tianjin Zhongxin Pharmaceutical Research Institute Ltd.**

2018309662 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018311976 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018328827 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018354318 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019

2019200797 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019211495 Rite Taste, LLC; Nawana, Namal The application has been assigned to **Graphene-DX, Inc.**

2019225853 Siemens Aktiengesellschaft The application has been assigned to **Siemens Energy AS**

2019232249 Breen, Irene The application has been assigned to **Bellamoon Limited**

Assignments before Grant, Section 113

2019234670 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019269361 Children's Research Institute, Children's National Medical Center; Oncolmmune, Inc. The application has been assigned to **OncoC4, Inc.; Children's Research Institute, Children's National Medical Center**

2019295715 Metropolitan Washington Airports Authority The application has been assigned to **veriScan, LLC**

2020

2020201079 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020204600 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020210290 Femto Engineering S.r.l. The application has been assigned to **LCI Italy S.R.L.**

2020217316 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020244370 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020277178 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2021

2021900162 Geng, Jianzhao; Bumby, Christopher; Badcock, Rodney The application has been assigned to **Victoria Link Limited**

2021900163 Geng, Jianzhao; Bumby, Christopher; Badcock, Rodney The application has been assigned to **Victoria Link Limited**

Extensions of Time, Section 223

Applications Received

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

2018

2018200317 **EIS GmbH** An application to extend the time from 27 Jul 2020 to 27 Feb 2021 in which to pay a renewal fee has been filed. Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Applications Allowed - Section 223(2)

2015

2015238917 **Zenith Interiors Pty Ltd** The time in which to gain acceptance has been extended to 12 Sep 2021. Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

2015283798 **Document Corporation IP Unit Trust** The time in which to gain acceptance has been extended to 07 Aug 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2015336950 **LaserBond Limited** The time in which to gain acceptance has been extended to 05 Aug 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016

2016201064 **KRASKOV, L.** The time in which to gain acceptance has been extended to 07 Jul 2021 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantirna South VIC 3152 AU

2016204557 **Zenith Interiors Pty Ltd** The time in which to gain acceptance has been extended to 21 Aug 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016291677 **Tusker Medical, Inc.** The time in which to gain acceptance has been extended to 13 Aug 2021 . Address for service - Davies Collison Cave Pty Ltd Att: Scott Sonneman 1 Nicholson Street Melbourne VIC 3000 AU

2016318342 **Jindex Pty Limited** The time in which to gain acceptance has been extended to 06 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016335959 **Smith & Nephew, Inc.** The time in which to gain acceptance has been extended to 30 Sep 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016336915 **Hagleitner, H.G.** The time in which to gain acceptance has been extended to 28 Aug 2021 . Address for service - Houlihan² Pty Ltd Level 1, 70 Doncaster Road BALWYN NORTH VIC 3104 AU

2017

2017254793 **Sociedad de Inversiones y Rentas Tricao S.p.A.** The time in which to request examination has been extended to 08 May 2021 . Address for service - Shelston IP Pty Ltd. 60 Margaret St Sydney NSW 2000 AU

2017260390 **Pippi, P.** The time in which to request examination has been extended to 22 Aug 2021 . Address for service - SPICER SPICER PTY LTD PO Box 8077 Perth BC WA 6849 AU

2018

2018291035 **Vascudyne Inc; Murphy, R.; Schankereli, K.; Lauren, M.** The time in which to gain acceptance has been extended to 09 Sep 2021 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2018431310 **SWISSINNO SOLUTIONS AG** The time in which to enter the national phase has been extended to 24 Mar 2021 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

Extensions of Time, Section 223**2019**

2019203109 **Bovell, C.** The time in which to gain acceptance has been extended to 17 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019230035 **CORAL PROTOCOL** The time in which to enter the national phase has been extended to 07 Jan 2021 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2019266964 **CTS SYSTEM CO., LTD.; UM, Tae Jun** The time in which to enter the National Phase has been extended to 09 Feb 2021 . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2019285641 **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** The time in which to enter the National Phase has been extended to 15 Mar 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019322212 **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD; CANNA POWDER LTD** The time in which to enter the national phase has been extended to 13 Apr 2021 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019322923 **RAO, Ramamohan** The time in which to enter the national phase has been extended to 17 Apr 2021 . Address for service - Lowry Blixseth LLP GPO Box 1171 Sydney NSW 2001 AU

2020

2020100599 **Notley, B.** The time in which to gain certification has been extended to 12 Jun 2021 . Address for service - Benjamin Lloyd Notley 12 Goolagong PI Menai NSW 2234 AU

2020900484 **Boyland, R.** The time in which to associate with a complete application has been filed 20 May 2021 . Address for service - George Griziotis Patent Attorney PO BOX 1210 Cronulla NSW 2230 AU

2021

2021200632 **Nagaki Seiki Co., Ltd.** The time in which to request examination has been extended to 16 Jul 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

Amendments**Applications for Amendment**

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

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

2015

2015200544 Estimation of direct arrival signals based on predicted direct arrival signals and measurements **PGS Geophysical AS** The nature of the amendment is: Amend the priority details to read 61/941,394 18 Feb 2014 US and 14/538,583 11 November 2014 US .

Amendments

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

2015200555 Correction of sea surface state **PGS Geophysical AS** The nature of the amendment is: Amend the priority details to read 61/941,383 18 Feb 2014 US and 14/338,516 23 July 2014 US . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015274285 Pyrimidine compounds and methods using the same **Yuma Therapeutics, Inc. ; The Brigham and Women's Hospital, Inc.** 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

2015300037 Anti-Orai1 antibody **Daiichi Sankyo Company, Limited** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016

2016332745 Percussion device **McMillan , J.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2021 . Address for service - P L BERRY & ASSOCIATES PO Box 1250 Christchurch 8140 NZ

2017

2017281348 Flame resistant fabrics having fibers containing energy absorbing and/or reflecting additives **Southern Mills, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018241162 SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR IDENTIFYING WHEN A SUBJECT IS LIKELY TO BE AFFECTED BY A MEDICAL CONDITION **FDNA Inc.** The nature of the amendment is: Add inventor Gurovich, Yaron . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019272034 User interface for manipulating user interface objects **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2006

2006297853 **AbbVie Bahamas Ltd.** The nature of the amendment is: Amend the name of the inventor to read Park, Cheol Min; Ding, Hong; McClellan, William J.; Wang, Xilu; Kunzer, Aaron R.; Bruncko, Milan; Elmore, Steven W.; Song, Xiahong and Lynch, Christopher L.

2010

2010233055 **AbbVie Bahamas Ltd.** The nature of the amendment is: Amend the name of the inventor to read Kunzer, Aaron R.; Park, Cheol Min; Lynch, Christopher L.; Ding, Hong; Bruncko, Milan; Elmore, Steven W.; McClellan, William J.; Song, Xiahong and Wang, Xilu

Amendments

2015

2015386680 **Novoluto GmbH** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 24 Dec 2020

2015405062 **Halliburton Energy Services, Inc.** The nature of the amendment is: Amend the invention title to read TOROIDAL SYSTEM AND METHOD FOR COMMUNICATING IN A DOWNHOLE ENVIRONMENT

2016

2016202476 **Insurance Australia Limited** The nature of the amendment is: Application is to proceed under the number 2016102458

2016205361 **Arena Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 24 Dec 2020

2016289474 **Five Eleven Pharma Inc.** The nature of the amendment is as shown in the statement filed 22 Dec 2020

2016379097 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 08 Dec 2020

2017

2017203002 **Barna, C.** The nature of the amendment is: Application is to proceed under the number 2017101901

2017399714 **Axon Enterprise, Inc.** The nature of the amendment is: Amend the name of the inventor to read Wagner, Daniel Joseph; Shekarri, Nache D.; Soper, William James; Hatcher, Jonathan R.; Kraft, Lucas; Piquette, Brian; Williams, Zach; Covey, Jason; Weber, Elliot; Haensly, Jason; Terajewicz, Andrew G. and Wilson, John W.

2018

2018200236 **Ainsworth Game Technology Limited** The nature of the amendment is: Application is to proceed under the number 2018102210

2018246235 **National University of Singapore; Nkarta, Inc.** The nature of the amendment is as shown in the statement filed 16 Feb 2021

2018311974 **Myokardia, Inc.** The nature of the amendment is: Amend the name of the inventor to read SEMIGRAN, Marc J.; LEE, June H.; LAMBING, Joseph; GREEN, Eric; EVANCHIK, Marc; CARLSON, Timothy and ZHANG, David

2018352234 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read GONZAGA-JAUREGUI, Claudia and PRAVEEN, Kavita

2018443181 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read GATE DRIVING CIRCUIT, METHOD FOR CONTROLLING GATE DRIVING CIRCUIT, AND MOBILE TERMINAL

2019

2019100525 **Apple Inc.** The nature of the amendment is as shown in the statement filed 15 Dec 2020

Amendments

2019202676 **ImaginAb, Inc.** The nature of the amendment is as shown in the statement filed 23 Dec 2020

2019229342 **Memorial Sloan-Kettering Cancer Center** The nature of the amendment is as shown in the statement filed 22 Dec 2020

2019248524 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 29 Dec 2020

2019275531 **Cmech (Guangzhou) Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101791

2019336793 **The Regents of the University of California** The nature of the amendment is: Amend the invention title to read RNA and DNA base editing via engineered ADAR recruitment

2019339535 **Memorial Sloan Kettering Cancer Center** The nature of the amendment is: Amend the name of the inventor to read DENG, Liang; WOLCHOK, Jedd; SHUMAN, Stewart; MERGHOU, B, Taha; YANG, Ning; WANG, Yi; MAZO, Gregory; DAI, Peihong and WANG, Weiyi

2019346626 **Karuna Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read Compositions and methods for treating disorders ameliorated by muscarinic receptor activation

2019396954 **Swiftech Company Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101790

2020

2020103825 **I, I.M.P.; R, S.; T, L.; T, M.; N.R., S.; T, M.; M., K.; D.M., M.; M., K.; S, A.; S., K.; V, B.** The nature of the amendment is: Amend the invention title to read DESIGN FOR PARABOLIC SOLAR PANEL CONTROL SYSTEM WITH WIPER

2020200354 **LANDA LABS (2012) LTD** The nature of the amendment is: Amend the name of the inventor to read LANDA, Benzion; TOUITOU, Haim; THYGELBAUM, Stanislav and ELFASSY, Naomi

2020213402 **Apple Inc.** The nature of the amendment is as shown in the statement filed 09 Dec 2020

2021

2021101315 **K.N, V.; ULLAL, B.; R, H.** The nature of the amendment is: Amend the invention title to read MARKOV MODEL ANALYSIS FOR HEALTH MONITORING OF COVID -19 PATIENT

2021201276 **Apple Inc.** The nature of the amendment is: Amend the invention title to read User interfaces for stored-value accounts

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

2002

2002236518 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2002308515 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

Amendments

2003

2003263964 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2003296997 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc**

2004

2004213053 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2004316290 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2005

2005216251 Genentech, Inc.; Seattle Genetics, Inc. The name of the patentee has been altered to **Genentech, Inc.; Seagen Inc.**

2005218642 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2005289636 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc**

2006

2006236225 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2006249305 Seattle Genetics, Inc.; Genentech, Inc. The name of the patentee has been altered to **Seagen Inc.; Genentech, Inc.**

2006259127 ENOPLASTIC S.p.A. The name of the patentee has been altered to **ENOFLEX S.P.A.**

2006269422 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2006269940 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2006321631 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc**

2007

2007200173 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2007308924 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc**

2007319205 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc**

2008

2008310908 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

Amendments

2008311815 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2009

2009234267 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2009242453 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2009269075 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc.**

2010

2010201459 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2010271456 Dental Development System, LLC The name of the patentee has been altered to **Edelbrock & Solan Holdings, LLC**

2011

2011239522 MedImmune Limited; Seattle Genetics, Inc. The name of the patentee has been altered to **MedImmune Limited; Seagen Inc.**

2011239525 Seattle Genetics, Inc.; MedImmune Limited The name of the patentee has been altered to **Seagen Inc.; MedImmune Limited**

2011285490 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2011311452 FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS The name of the patentee has been altered to **INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS; FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)**

2011312417 Agensys, Inc.; Seattle Genetics, Inc. The name of the patentee has been altered to **Agensys, Inc.; Seagen Inc.**

2011316917 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2011338480 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2012

2012200923 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2012204061 D2L Incorporated The name of the patentee has been altered to **D2L Corporation**

2012211500 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2012315956 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

Amendments

2012322613 MedImmune Limited; Seattle Genetics, Inc. The name of the patentee has been altered to **MedImmune Limited; Seagen Inc.**

2012322934 MedImmune Limited; Seattle Genetics, Inc. The name of the patentee has been altered to **MedImmune Limited; Seagen Inc.**

2013

2013216863 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2013221585 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2013262788 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2013263002 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2013305534 Agensys, Inc.; Seattle Genetics, Inc. The name of the patentee has been altered to **Agensys, Inc.; Seagen Inc.**

2013364043 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2013368906 Glide Talk Ltd. The name of the patentee has been altered to **Endless Technologies Ltd**

2014

2014206143 Firebrick Pharma Pty Ltd The name of the patentee has been altered to **Firebrick Pharma Limited**

2014248640 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2014337555 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2014352824 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2014369019 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2015

2015213679 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2015218202 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2015234335 Agensys, Inc.; Seattle Genetics, Inc. The name of the patentee has been altered to **Agensys, Inc.; Seagen Inc.**

2015292256 Firebrick Pharma Pty Ltd The name of the patentee has been altered to **Firebrick Pharma Limited**

Amendments

2015392660 Wuhan Wuda Zoyon Science and Technology Co., Ltd
The name of the patentee has been altered to **Wuhan Optics Valley Zoyon Science and Technology Co., Ltd.**

2016

2016100382 Caravan Fix Australia Pty Ltd The name of the patentee has been altered to **Action Smart Group IP Pty Ltd**

2016266009 FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS
The name of the patentee has been altered to **FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS**

2016311278 GPB Scientific, LLC; University of Maryland, Baltimore; The Trustees of Princeton University The name of the applicant has been altered to **GPB Scientific, Inc.; University of Maryland, Baltimore; The Trustees of Princeton University**

2016369289 Ovd Kinegram AG The name of the applicant has been altered to **OVD Kinegram AG**

2017

2017101757 Wanhua Modular Projects (Yantai) Co., Ltd The name of the patentee has been altered to **Wanhua Modular Projects Co., Ltd**

2017203851 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2017236047 Agensys, Inc.; Seattle Genetics, Inc. The name of the patentee has been altered to **Agensys, Inc.; Seagen Inc.**

2017254981 Glide Talk Ltd. The name of the patentee has been altered to **Endless Technologies Ltd**

2017310041 Partner Local Grup, SL The name of the applicant has been altered to **DSIGNTANK, S.L.**

2017350739 GPB Scientific, LLC ; The Trustees of Princeton University; University of Maryland, Baltimore The name of the applicant has been altered to **GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore**

2017406159 XW Laboratories Inc. The name of the patentee has been altered to **XWPharma Ltd.**

2018

2018201190 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2018201985 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2018203508 Seattle Genetics, Inc. The name of the patentee has been altered to **Seagen Inc.**

2018220100 Thomson Reuters (GRC) LLC The name of the applicant has been altered to **Refinitive US Organization LLC**

Amendments

2018247212 PEN10 SERVICES PTY LTD The name of the applicant has been altered to **PENTEN PTY LTD**

2018323875 GPB Scientific, LLC ; The Trustees of Princeton University; University of Maryland, Baltimore The name of the applicant has been altered to **GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore**

2019

2019100465 Firebrick Pharma Pty Ltd The name of the patentee has been altered to **Firebrick Pharma Limited**

2019206950 XW Laboratories Inc. The name of the applicant has been altered to **XWPharma Ltd.**

2019219312 Ultrahuman Five Limited The name of the applicant has been altered to **GRANULAR THERAPEUTICS LIMITED**

2019240571 Glide Talk Ltd. The name of the applicant has been altered to **Endless Technologies Ltd**

2019270934 GPB Scientific, LLC The name of the applicant has been altered to **GPB Scientific, Inc.**

2019343015 Hypertherm, Inc. The name of the applicant has been altered to **Hypertherm, Inc.; RailRestore Holding BV; RailRestore BV**

2020

2020102610 Firebrick Pharma Pty Ltd The name of the patentee has been altered to **Firebrick Pharma Limited**

2020200454 Portage Pharmaceuticals Ltd. The name of the applicant has been altered to **PPL (BVI) Limited**

2020201923 Metso Sweden AB The name of the applicant has been altered to **METSO OUTOTEC SWEDEN AB**

2020901910 Firebrick Pharma Pty Ltd The name of the patentee has been altered to **Firebrick Pharma Limited**

2020904854 QIMR Berghofer Medical Research Institute; Medair Limited The name of the applicant has been altered to **The Council of the Queensland Institute of Medical Research; Medair Limited**

2021

2021100172 J., STEPHEN LEON; V., ALFRED FRANKLIN; S., MANIKANDAN; B., GEETHA; A., REX MACEDO AROKIARAJ; ANAND, SUJATHA JAMUNA; JUGGE, PRAVEEN; Associate Professor, R. SUREKHA; N., NITHYANANDAN; N., LAKSHMINARAYANAN; S., KALIAPPAN; V, BALAJI The name of the applicant has been altered to **STEPHEN LEON, J.; ALFRED FRANKLIN, V.; MANIKANDAN, S.; GEETHA, B.; A., R.M.A.; ANAND, S.J.; JUGGE, P.; Associate Professor, R.S.; N., N.; N., L.; S., K.; V, B.**

2021200545 QIMR Berghofer Medical Research Institute; Medair Limited The name of the applicant has been altered to **The Council of the Queensland Institute of Medical Research; Medair Limited**

Amendments

2021200559 Glide Talk Ltd. The name of the applicant has been altered to **Endless Technologies Ltd**

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

Australian Patent/Patent Application 2015261694 in the name(s) of Stratus Medical, LLC

Applications Open to Public Inspection

Name Index

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

<p>(71) Ablynx NV (11) AU-A-2021201640 (21) 2021201640 (22) 16.03.2021 (54) Methods for detecting and/or measuring anti-drug antibodies, in particular treatment-emergent anti-drug antibodies (51) Int. Cl. <i>G01N 33/531</i> (2006.01) <i>C07K 16/18</i> (2006.01) <i>G01N 33/68</i> (2006.01) (43) 08.04.2021 (62) 2015261467 (72) Snoeck, Veerle; Buyse, Marie-Ange; Baumeister, Judith (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Acuitas Therapeutics Inc. (11) AU-A-2021201646 (21) 2021201646 (22) 16.03.2021 (54) Lipids and lipid nanoparticle formulations for delivery of nucleic acids (51) Int. Cl. <i>C07D 295/13</i> (2006.01) <i>A61K 47/18</i> (2017.01) <i>C07C 211/22</i> (2006.01) <i>C07C 233/36</i> (2006.01) <i>C07C 233/38</i> (2006.01) <i>C07C 235/74</i> (2006.01) (43) 08.04.2021 (62) 2016285852 (72) Du, Xinyao; Ansell, Steven M. (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Ad Astra ehf (11) AU-A-2021201665 (21) 2021201665 (22) 16.03.2021 (54) A Method Of Culturing Haematococcus Species For Manufacturing Of Astaxanthin (51) Int. Cl. <i>C12P 23/00</i> (2006.01) (43) 08.04.2021 (62) 2016319195 (72) PODOLA, Björn; MELKONIAN, Michael; COSTA KIPERSTOK, Alice; SEBESTYEN, Petra (74) WRAYS PTY LTD</p> <hr/> <p>(71) Alchin Long Group IP Pty Limited (11) AU-A-2020233619 (21) 2020233619 (22) 14.09.2020 (54) A lock assembly for a window (51) Int. Cl. <i>E05F 15/619</i> (2015.01) <i>E05B 17/00</i> (2006.01) <i>E05B 47/00</i> (2006.01) <i>E05B 65/06</i> (2006.01) <i>E05C 9/04</i> (2006.01) <i>E05C 9/06</i> (2006.01)</p>	<p>(31) 2019903501 (32) 20.09.19 (33) AU (43) 08.04.2021 (72) Hicks, Lucas; Biro, Mitchell (74) Spruson & Ferguson</p> <hr/> <p>(71) AMO Development, LLC (11) AU-A-2021201609 (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 (51) Int. Cl. <i>A61B 18/18</i> (2006.01) (43) 08.04.2021 (62) 2019226116 (72) Andersen, Dan E.; Mordaunt, David H.; Blumenkranz, Mark S.; Palanker, Daniel V. (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) AndPak, Inc. dba Zip-Chem Products (11) AU-A-2020217378 (21) 2020217378 (22) 12.08.2020 (54) CLIMATE CHANGE REDUCING MALODOROUS COMPOSITION OF MATTER AND WARNING SYSTEM (51) Int. Cl. <i>E21F 17/18</i> (2006.01) (31) 16/582,937 (32) 25.09.19 (33) US (43) 08.04.2021 (72) Pottier, Charles Pottier; Smith, Jason (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (11) AU-A-2020233643 (21) 2020233643 (22) 15.09.2020 (54) Game table reading system (51) Int. Cl. <i>G07F 17/32</i> (2006.01) <i>A63F 9/24</i> (2006.01) (31) 2019-170398 (32) 19.09.19 (33) JP (43) 08.04.2021 (72) Takine, Naoya; Monji, Satoru (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2020223751 (21) 2020223751 (22) 28.08.2020 (54) Thin-film transistor optical imaging system with integrated optics for through-display biometric imaging (51) Int. Cl. <i>H01L 31/12</i> (2006.01) <i>G06F 3/042</i> (2006.01) <i>G06F 21/32</i> (2013.01) <i>G06K 9/00</i> (2006.01) <i>H01L 27/146</i> (2006.01) <i>H01L 27/15</i> (2006.01)</p>	<p><i>H01L 31/0232</i> (2014.01) <i>H01L 31/102</i> (2006.01) (31) 62/904,211 (32) 23.09.19 (33) US 17/003,636 26.08.20 US (43) 08.04.2021 (72) YEH, Po-Chun; ZHAI, Yujia; CHEN, Yuan; YAZDANDOOST, Mohammad Yeke; GOZZINI, Giovanni; TAI, Chia Hsuan; CHANG, Jiun-Jye; CHUANG, Ching-Sang (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2021201660 (21) 2021201660 (22) 16.03.2021 (54) Adaptive color space transform coding (51) Int. Cl. <i>H04N 19/122</i> (2014.01) <i>H04N 19/186</i> (2014.01) <i>H04N 19/196</i> (2014.01) <i>H04N 19/46</i> (2014.01) (43) 08.04.2021 (62) 2019253875 (72) TOURAPIS, Alexandros (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2021201681 (21) 2021201681 (22) 17.03.2021 (54) Emoji recording and sending (51) Int. Cl. <i>G06T 13/40</i> (2011.01) <i>H04N 21/81</i> (2011.01) (43) 08.04.2021 (62) 2018269375 (72) ANZURES, Freddy Allen; BAUER, Sebastian; GUZMAN, Aurelio; SCAPEL, Nicolas; DYE, Alan C.; KING, Nicholas V.; PHAM, Hoan; BARRIER, Guillaume Pierre André; BERNSTEIN, Jeffrey Traer; HOFFNUNG, Amir; MALIA, Joseph A.; YERKES, Giancarlo; WILSON, Christopher; RICKWALD, Jason; JONES, Matthew (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2021201687 (21) 2021201687 (22) 17.03.2021 (54) Portable multifunction device with interface reconfiguration mode (51) Int. Cl. <i>G06F 3/048</i> (2013.01) (43) 08.04.2021 (62) 2019204835 (72) HERZ, Scott; CHAUDHRI, Imran; CHRISTIE, Greg (74) FPA Patent Attorneys Pty Ltd</p>
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Applications Open to Public Inspection - Name Index cont'd

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2020239696
 (21) 2020239696 (22) 23.09.2020
 (54) SYSTEMS AND METHODS FOR MODULAR ELECTRONIC GAMING MACHINES
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
 (31) 16/582,885 (32) 25.09.19 (33) US
 (43) 08.04.2021
 (72) RODRIGUEZ, Frank; URBAN, Bruce; DeMARCO, Dominic; STAIR, James; HOLLAND, Martin; MIRAKHOUR, Martin
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020233786
 (21) 2020233786 (22) 20.09.2020
 (54) ELECTRONIC GAMING MACHINE AND METHOD FOR PROVIDING A PLURALITY OF GAME OUTCOMES AND EVALUATING PATTERNS OF GAME OUTCOMES TO PROVIDE ADDITIONAL AWARDS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 16/577,722 (32) 20.09.19 (33) US
 (43) 08.04.2021
 (72) SCHREIBER, Michael
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020239648
 (21) 2020239648 (22) 22.09.2020
 (54) ELECTRONIC GAMING MACHINE INCLUDING MONITOR ARTICULATION MECHANISM
 (51) Int. Cl.
A63F 13/90 (2014.01)
 (31) 16/578,983 (32) 23.09.19 (33) US
 (43) 08.04.2021
 (72) McNIERNEY, James; UTHAMANTHIL KIZHAKKEVEEDU, Kiran
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020239821
 (21) 2020239821 (22) 25.09.2020
 (54) A GAMING SYSTEM WITH QUARANTINED WALLET ACCESS
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/792 (2014.01)
 (31) 2019903596 (32) 25.09.19 (33) AU
 (43) 08.04.2021
 (72) WYLLIE, Andrew; WONG, Alan See Meng
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021201698

(21) 2021201698 (22) 17.03.2021
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
A63F 9/24 (2006.01)
A63F 13/00 (2014.01)
G07F 17/34 (2006.01)
 (43) 08.04.2021
 (62) 2019200464
 (72) NGUYEN, Hung Ngoc
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021201699
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E05B 9/08 (2006.01)
E05B 27/00 (2006.01)
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A63B 22/02 (2006.01)
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A61K 31/4375 (2006.01)
A61P 21/00 (2006.01)
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C12Q 1/37 (2006.01)
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E03B 7/07 (2006.01)
E03D 11/13 (2006.01)
F16K 1/52 (2006.01)
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G06Q 10/08 (2012.01)
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A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61B 10/02 (2006.01)
G06T 7/30 (2017.01)
G06T 15/20 (2011.01)
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A61B 10/02 (2006.01)
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B66F 9/075 (2006.01)
B62D 5/04 (2006.01)
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A63G 31/00 (2006.01)
E04H 4/00 (2006.01)
E04H 4/12 (2006.01)
C02F 103/00 (2006.01)
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B29C 49/22 (2006.01)
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A61K 31/4412 (2006.01)
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A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 213/50 (2006.01)
C07D 401/12 (2006.01)
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A45C 11/20 (2006.01)
B65D 25/10 (2006.01)
B65D 43/02 (2006.01)
B65D 43/12 (2006.01)
B65D 45/18 (2006.01)
B65D 81/02 (2006.01)
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H04N 19/00 (2014.01)
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(51) Int. Cl.
A62B 7/10 (2006.01)
A61M 16/10 (2006.01)
B01D 53/22 (2006.01)
A62B 18/08 (2006.01)

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H04L 12/701 (2013.01)
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A01G 31/00 (2018.01)
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A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 31/08 (2006.01)
A01N 35/02 (2006.01)
A01N 35/04 (2006.01)
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B28B 7/34 (2006.01)
B28B 23/02 (2006.01)
E04B 1/04 (2006.01)
E04B 1/16 (2006.01)
E04B 1/76 (2006.01)
E04B 1/86 (2006.01)
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E04B 2/84 (2006.01)
E04B 2/86 (2006.01)
E04C 2/04 (2006.01)
E04C 2/06 (2006.01)
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E04B 1/00 (2006.01)
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E04B 2/00 (2006.01)
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A01K 47/06 (2006.01)
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G06F 11/30 (2006.01)
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A42B 3/04 (2006.01)
A42B 1/00 (2021.01)
A42B 1/24 (2021.01)
A42B 3/00 (2006.01)
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 B65D 21/032 (2006.01)
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 A61M 5/145 (2006.01)
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 C07D 471/04 (2006.01)
 A61P 25/16 (2006.01)
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 C07D 471/14 (2006.01)
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 G06N 20/00 (2019.01)
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 A01C 7/00 (2006.01)
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C07C 50/24 (2006.01)
A61K 31/122 (2006.01)
A61K 31/40 (2006.01)
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A61M 16/08 (2006.01)
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E04B 1/74 (2006.01)

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C08L 33/08 (2006.01)
B29C 35/02 (2006.01)

C08J 3/24 (2006.01)
C08J 5/00 (2006.01)
C08J 7/16 (2006.01)
C08K 3/00 (2018.01)
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 (54) Transgene genetic tags and methods of use
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	<u>G01S 15 /-</u> 2020233605			

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. (*) Title not in Roman characters

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

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F16L 5/10 (2006.01)
E03C 1/02 (2006.01)
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B01J 27/138 (2006.01)
B01J 37/03 (2006.01)
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B01J 37/06 (2006.01)
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C07C 37/08 (2006.01)
B01J 19/00 (2006.01)
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(21) 2021100218 **(22)** 14.01.2021
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G01N 33/50 (2006.01)
C12Q 1/6888 (2018.01)
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G01N 1/16 (2006.01)
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C07C 67/58 (2006.01)
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G06F 21/60 (2013.01)
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C13K 13/00 (2006.01)
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A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
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G06T 7/33 (2017.01)
G06N 20/00 (2019.01)
G06T 7/40 (2017.01)
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A01N 25/28 (2006.01)
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G06F 40/284 (2020.01)
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G16H 20/90 (2018.01)
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A63B 23/04 (2006.01)
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A61H 1/02 (2006.01)
B25J 9/00 (2006.01)
G06K 9/00 (2006.01)
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A61B 5/103 (2006.01)

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G08B 25/01 (2006.01)
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A01G 2/10 (2018.01)
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G16H 10/60 (2018.01)

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G06K 9/00 (2006.01)

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A01D 46/30 (2006.01)
B25J 11/00 (2006.01)
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(54) Frangible Pole
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E04H 12/08 (2006.01)
E01F 9/658 (2016.01)
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A61B 5/332 (2021.01)
A61B 5/00 (2006.01)
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(51) Int. Cl.
C07C 209/16 (2006.01)
C07C 211/06 (2006.01)
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F04C 18/02 (2006.01)
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(54) ALUMINUM ALLOY POWDER CONTAINING TIB2 CERAMIC PARTICLES AND APPLICATION THEREOF
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C22C 1/10 (2006.01)
B22F 1/00 (2006.01)
B22F 10/28 (2021.01)
C22C 21/06 (2006.01)
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C22C 1/10 (2006.01)
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(54) AUTOMATED FACE SKETCH SYNTHESIS FROM SURVEILLANCE VIDEO USING DEEP LEARNING TECHNIQUES
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G06K 9/00 (2006.01)
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G06T 7/00 (2017.01)
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F04D 29/28 (2006.01)
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(21) 2021100187 (22) 13.01.2021
(54) FOOD PROCESSOR
(51) Int. Cl.
A47J 43/044 (2006.01)
A47J 43/07 (2006.01)
B26D 5/00 (2006.01)
B26D 7/00 (2006.01)
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(51) Int. Cl.

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B26D 5/00 (2006.01)
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(54) VACUUM SEALING MACHINE
(51) Int. Cl.

B65B 31/00 (2006.01)
B29C 65/22 (2006.01)

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(54) VACUUM SEALING MACHINE
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(54) GRILLING DEVICE
(51) Int. Cl.

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(54) AIR INLET FILTER ASSEMBLY AND AIR PURIFIER
(51) Int. Cl.

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B01D 46/02 (2006.01)
B01D 46/10 (2006.01)
F24F 8/108 (2021.01)
F24F 8/90 (2021.01)

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(54) AIR INLET FILTER ASSEMBLY AND AIR PURIFIER

(51) Int. Cl.
F24F 8/90 (2021.01)
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(54) AIR INLET FILTER ASSEMBLY AND AIR PURIFIER
(51) Int. Cl.

B01D 46/04 (2006.01)
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(54) FOOD DEHYDRATOR TRAY
(51) Int. Cl.

F26B 25/18 (2006.01)
A23B 4/03 (2006.01)
A23B 7/02 (2006.01)
A23L 3/40 (2006.01)
F26B 9/06 (2006.01)

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(54) FOOD DEHYDRATOR TRAY
(51) Int. Cl.

F26B 25/18 (2006.01)
A23B 4/03 (2006.01)
A23B 7/02 (2006.01)
A23L 3/40 (2006.01)
F26B 9/06 (2006.01)

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(54) FOOD DEHYDRATOR TRAY
(51) Int. Cl.

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(54) AIR PURIFIER
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F24F 13/20 (2006.01)
B01D 46/00 (2006.01)
F24F 8/108 (2021.01)
F24F 8/80 (2021.01)
F24F 11/00 (2018.01)
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(54) A BAG
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A45C 3/08 (2006.01)
A45C 13/08 (2006.01)
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(51) Int. Cl.
C12M 1/00 (2006.01)
C12N 1/20 (2006.01)
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F24F 7/007 (2006.01)
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F24F 13/15 (2006.01)
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G16H 50/20 (2018.01)
A61B 1/06 (2006.01)
A61B 1/24 (2006.01)
A61B 5/00 (2006.01)
A61B 5/103 (2006.01)
A61B 8/08 (2006.01)
A61B 8/12 (2006.01)
A61C 17/02 (2006.01)
A61C 17/022 (2006.01)
G06K 9/00 (2006.01)
G06T 7/00 (2017.01)
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G01N 33/533 (2006.01)
G01N 33/543 (2006.01)
G01N 33/94 (2006.01)
G01N 21/64 (2006.01)
G01N 33/02 (2006.01)

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G01N 33/543 (2006.01)
C12N 15/115 (2010.01)
C12Q 1/34 (2006.01)
G01N 33/536 (2006.01)
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G06F 16/338 (2019.01)
G01C 13/00 (2006.01)
G01W 1/02 (2006.01)
G05B 13/02 (2006.01)
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B33Y 80/00 (2015.01)
B33Y 50/02 (2015.01)
E02B 3/06 (2006.01)
E02B 3/14 (2006.01)
E02D 17/20 (2006.01)
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G06T 7/13 (2017.01)
G06K 9/22 (2006.01)
G06T 7/90 (2017.01)
G01N 21/17 (2006.01)
G05D 1/00 (2006.01)
G06K 9/00 (2006.01)
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G09B 21/00 (2006.01)
A61H 3/06 (2006.01)
G01S 15/04 (2006.01)
G01S 15/89 (2006.01)
G08B 3/10 (2006.01)
G08B 6/00 (2006.01)
A61H 3/00 (2006.01)
G01S 15/87 (2006.01)
G01S 19/42 (2010.01)
H04W 4/80 (2018.01)
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B60W 50/14 (2020.01)
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G08G 1/16 (2006.01)
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- Verma, B.K. see Lokulwar, P.
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 (11) AU-A-2021100103
 (21) 2021100103 (22) 08.01.2021
 (54) Method for Determining Staggered Distance of Simultaneous Mining Face of Shallow-Buried Coal Seam Group Based on Pressure-Stabilizing Arrangement
 (51) Int. Cl.
E21C 41/18 (2006.01)
E21C 41/28 (2006.01)
 (45) 08.04.2021
 (72) Du, Junwu; Huang, Qingxiang
 (74) Alder IP Pty Ltd
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- Yamini, K.A.P. see Chakravarthi, R.R.
 (21) 2020103992
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- (71) Yangtze University
 (11) AU-A-2021100133
 (21) 2021100133 (22) 11.01.2021
 (54) The preparation method and application of a Mannich base quaternary ammonium salt
 (51) Int. Cl.
C07C 243/40 (2006.01)
C07C 241/02 (2006.01)

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- C09D 5/08** (2006.01)
C09D 5/16 (2006.01)
C09K 8/54 (2006.01)
C23F 11/14 (2006.01)
(45) 08.04.2021
(72) Li, Kehua; Wang, Renfang; Li, Kee; Zhang, Jiaoyu; Yang, Bingbing; Tang, Tiantian
(74) Alder IP Pty Ltd
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- (71)** Yangtze University
(11) AU-A-2021100181
(21) 2021100181 **(22)** 13.01.2021
(54) Method and system for integrated linkage analysis between logging and core data
(51) Int. Cl.
G06T 5/50 (2006.01)
G01V 1/48 (2006.01)
G01V 11/00 (2006.01)
G06T 3/20 (2006.01)
G06F 3/0484 (2013.01)
G06F 3/0485 (2013.01)
G06T 3/40 (2006.01)
G06T 3/60 (2006.01)
(45) 08.04.2021
(72) Xiao, Xiaoling; Zhang, Xiang; Zhang, Jiarui
(74) Shelston IP Pty Ltd.
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- (71)** Yiwu ThousandShores E-Commerce Co., Ltd.
(11) AU-A-2021100206
(21) 2021100206 **(22)** 13.01.2021
(54) SUPPORT STRUCTURE
(51) Int. Cl.
F16M 11/28 (2006.01)
F16M 11/04 (2006.01)
F16M 11/10 (2006.01)
(31) 202022920105.2 **(32)** 08.12.20 **(33)** CN
(45) 08.04.2021
(72) YANG, Xufeng; HE, Ding; LIU, Zhi; LU, Junwei
(74) Davies Collison Cave Pty Ltd
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- (71)** Yiwu ThousandShores E-Commerce Co., Ltd.
(11) AU-A-2021100207
(21) 2021100207 **(22)** 13.01.2021
(54) WRITING STRUCTURE
(51) Int. Cl.
B43L 5/00 (2006.01)
B43L 1/00 (2006.01)
(31) 202022932495.5 **(32)** 09.12.20 **(33)** CN
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(72) YANG, Xufeng; HE, Ding; LIU, Zhi; LU, Junwei
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- (71)** Yiwu ThousandShores E-Commerce Co., Ltd.
(11) AU-A-2021100208
(21) 2021100208 **(22)** 13.01.2021
(54) SEALING ELEMENT, DOOR STRUCTURE AND WINDOW STRUCTURE
(51) Int. Cl.
E06B 7/23 (2006.01)
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(72) YANG, Xufeng; HE, Ding; LIU, Zhi; CHEN, Weifeng
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- (71)** Yiwu ThousandShores E-Commerce Co., Ltd.
(11) AU-A-2021100209
(21) 2021100209 **(22)** 13.01.2021
(54) STAND ASSEMBLY AND DISPLAY APPARATUS
(51) Int. Cl.
A47B 97/04 (2006.01)
B43L 5/00 (2006.01)
(31) 202022830705.X **(32)** 30.11.20 **(33)** CN
(45) 08.04.2021
(72) YANG, Xufeng; HE, Ding; LIU, Zhi; LU, Junwei
(74) Davies Collison Cave Pty Ltd
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- (71)** Yueqing Zhishun Electric Co., Ltd.
(11) AU-A-2021100183
(21) 2021100183 **(22)** 13.01.2021
(54) A MULTIFUNCTIONAL CIRCUIT BREAKER
(51) Int. Cl.
H01H 73/18 (2006.01)
H01H 71/38 (2006.01)
H01H 83/00 (2006.01)
(31) 202020089066.3 **(32)** 15.01.20 **(33)** CN
(45) 08.04.2021
(72) LI, Wenjie; LI, Wenjun; LI, Wenwei
(74) Lord & Company
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- (71)** Yunnan Tobacco Quality Supervision and Testing Station
(11) AU-A-2021100230
(21) 2021100230 **(22)** 14.01.2021
(54) A DEVICE FOR IDENTIFYING AND DETECTING GENUINE OR FAKE CIGARETTES BASED ON OUTER PACKAGING
(51) Int. Cl.
B42D 25/305 (2014.01)
B65B 19/02 (2006.01)
G06K 19/06 (2006.01)
G06N 7/00 (2006.01)
G09F 3/02 (2006.01)
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(72) Li, Haiyan; Xiao, Yan; Li, Chun; Ma, Huiyu; Li, Dan; Cai, Jeyun; Feng, Xin; Shu, Yunbo; Gao, Tao; Zhao, Lin; Wei, Jia; Sun, Haowei; Zhang, Ke
(74) Madderns Pty Ltd
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- ZAIREN, S. see HAMELIN, N.**
(21) 2021100166
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- (71)** Zhangjiakou Cigarette Factory Co., Ltd
(11) AU-A-2021100179
(21) 2021100179 **(22)** 13.01.2021
(54) ANTI-OVERFLOW DEVICE FOR EXHAUST PIPE OF TOBACCO PROCESSING STORAGE TANK
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- (51)** Int. Cl.
B65D 90/34 (2006.01)
A24B 3/12 (2006.01)
(31) 2020217336097 **(32)** 19.08.20 **(33)** CN
(45) 08.04.2021
(72) Jia, Guangchun; Chen, Yong; Liu, Bo; Gao, Yang; Zhang, Aihua; Yao, Weidong; Li, Zijuan; Yao, Wei; Ren, Tongjiang; Wang, Xuejiao; Dong, Xiaochen
(74) Madderns Pty Ltd
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- (71)** Zhangjiakou Cigarette Factory Co., Ltd
(11) AU-A-2021100180
(21) 2021100180 **(22)** 13.01.2021
(54) CIGARETTE HOLDER FILTER SPECIAL FOR SAVORING CIGARETTE
(51) Int. Cl.
A24D 3/04 (2006.01)
A24D 3/00 (2020.01)
A24D 3/02 (2006.01)
A24D 3/06 (2006.01)
A24F 1/16 (2006.01)
A24F 13/06 (2006.01)
(31) 2020112828193 **(32)** 17.11.20 **(33)** CN
(45) 08.04.2021
(72) Fan, Guangbin; Jiang, Guang; Ruan, Chunwei; Zhao, Haiting
(74) Madderns Pty Ltd
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- Zhanjiang Kaixiang Technology Co., Ltd. see Institute of Agricultural Machinery Research, Chinese Academy of Tropical Agricultural Sciences**
(21) 2021100226
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(21) 2021100228
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- (71)** Zhejiang Industrial and Commercial University
(11) AU-A-2021100153
(21) 2021100153 **(22)** 12.01.2021
(54) A flexible combination method of Internet of Things on-demand services based on knowledge map
(51) Int. Cl.
G06F 16/2457 (2019.01)
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G06F 16/951 (2019.01)
G06N 5/02 (2006.01)
G06F 16/21 (2019.01)
G06F 16/248 (2019.01)
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H04N 21/45 (2011.01)
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(72) Zhang, Rui
(74) Alder IP Pty Ltd

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Co., Ltd.
(11) AU-A-2021100134
(21) 2021100134 (22) 11.01.2021
(54) Active peptide with immunomodulatory
effect, and preparation method and use
thereof
(51) Int. Cl.
C07K 14/77 (2006.01)
A23J 1/08 (2006.01)
A23J 3/34 (2006.01)
A23L 33/18 (2016.01)
(31) 202011518672.3 (32) 21.12.20 (33) CN
(45) 08.04.2021
(72) ZHANG, Jiuxun; ZHANG, Xuejun;
TIAN, Mingzhan; ZHANG, Xiping; WEI,
Wei; WANG, Shu'e
(74) AJ Pietras IP Limited

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2020103992	Chakravarthi, R.R.; M, P.; P., G.; G, G.; A, J.K.; Yamini, K.A.P.; J, K.; V, B.; Dharamshi, R.R.; Gupta, S.; Geetha, K.P.; M. S., S.S.; C., A.P.; Dhas, A.J.; G., A.D.	2021100159	Beijing Research Center for Agricultural Standards and Testing; Shijiazhuang Customs Technology Center; Qingchuang Technology (Beijing) Co., Ltd.
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2020104281	Nanjing Zhijin Technology Innovation Service Center	2021100165	S., V.P.; K., V.; M, V.; M, F.X.M.; SAMEE, S.; P, S.; RAJU, U.N.P.G.; S., Y.; S, N.
2020104347	M M, R.; Eligo, D.M.; Rambabu, C.; Ramasamy, J.; Srinivasan, J.; T., N.R.; Chandriah, K.K.; G, T.K.; Soni, V.D.; Soni, A.N.	2021100166	HAMELIN, N.; Norouzinassab, A.; INTUITIVE PREDICTIVE TRADING PTY LTD; avarzamani, A.; MINDBCI PTE. LTD.; Devine, P.; ZAIREN, S.
2021100009	R, D.; I R, P.J.; M, T.; T, J.; C, D.; B, P.; G, N.; A, P.	2021100167	Shandong Institute for Food and Drug Control
2021100012	Vergheese, A.; T, S.	2021100168	Tatchell, L.
2021100017	Heilongjiang Bayi Agricultural University	2021100172	J, S.L.; V, A.F.; S, M.; B, G.; A., R.M.A.; ANAND, S.J.; JUGGE, P.; Associate Professor, R.S.; N., N.; N., L.; S., K.; V, B.
2021100060	Saleem, R.B.M.; Manza, R.R.; Shaikh, Y.H.; Munde, S.V.	2021100173	Beijing Kedong Electric Power Control System Co. Ltd.; Beijing Power Trading Center Co. Ltd.
2021100079	College of Chemistry & Pharmacy, Northwest A&F University	2021100174	Harbin Institute of Technology
2021100103	XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY	2021100176	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport, P.R. China
2021100104	Jiangsu Bangsheng Biological Technology Co., Ltd.	2021100177	Institute of Urban Agriculture, Chinese Academy of Agricultural Sciences; Sichuan Agriculture University
2021100105	Bolton, L.	2021100178	Five Eyes Consulting Pty Ltd
2021100107	Changzhou University	2021100179	Zhangjiakou Cigarette Factory Co., Ltd
2021100108	Changzhou University	2021100180	Zhangjiakou Cigarette Factory Co., Ltd
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2021100112	TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.	2021100188	Shenzhen Thousandshores Technology Co., Ltd.
2021100114	P. Kende, ..P.; Kri, M.; Shivaji Landge, J.; Desai, H.; B.Wadewale, M.; Sarda, A.	2021100189	Shenzhen Thousandshores Technology Co., Ltd.
2021100116	SHARMA, A.K.; Upreti, K.; Nasir, M.S.; Gupta, S.; Tajuddin, M.; Gupta, P.; Aggarwal, N.; Alam, M.S.	2021100190	Tianjin Key Laboratory of Risk Assessment and Control Technology for Environment and Food Safety, Tianjin Institute of Environmental and Operational Medicine
2021100117	Trivedi, M.C.; Agarwal, A.K.; Chawla, D.; Maheta, R.G.; Trivedi, S.; Trivedi, A.; Trivedi, V.	2021100191	Shenzhen Thousandshores Technology Co., Ltd.
2021100119	Kumari, K.; Pratihari, H.; Babu, K.; Arun Kumar, D.; Kanthamma, B.; Anapana, V.R.; Babburu, K.; Tumula, D.P.; Kodavanti, P.V.; Jangampally, R.G.	2021100192	Shenzhen Thousandshores Technology Co., Ltd.
2021100122	Sichuan Agricultural University	2021100193	Shenzhen Thousandshores Technology Co., Ltd.
2021100123	Lokulwar, P.; Verma, B.K.; Dhiman, G.; Vimal, S.; Pasupathi, S.; Arora, V.; Soni, M.; Garg, M.; Bajpai, B.; Deshmukh, H.R.; Bartere, M.M.	2021100194	Shenzhen Thousandshores Technology Co., Ltd.
2021100124	Northwest Agriculture & Forestry University	2021100195	Shenzhen Thousandshores Technology Co., Ltd.
2021100125	Sichuan Agricultural University	2021100196	Shenzhen Thousandshores Technology Co., Ltd.
2021100126	Tianjin Key Lab. of Risk Assessment & Control Tech. for Env. & Food Safety, Tianjin Inst. of Env. and Operational Medicine	2021100197	Shenzhen Thousandshores Technology Co., Ltd.
2021100130	Haitian Shuiwu Group Co., Ltd.; Nankai University	2021100198	Shenzhen Thousandshores Technology Co., Ltd.
2021100131	SAFE SYSTEM SOLUTIONS PTY LTD	2021100199	Shenzhen Thousandshores Technology Co., Ltd.
2021100133	Yangtze University	2021100200	Shenzhen Thousandshores Technology Co., Ltd.
2021100134	Zhongshiduoqing (Shandong) Biotech Co., Ltd.	2021100201	Shenzhen Thousandshores Technology Co., Ltd.
2021100136	Hohai University	2021100202	Shenzhen Thousandshores Technology Co., Ltd.
2021100137	Fitzgerald, P.; Fitzgerald, J.	2021100203	Shenzhen Thousandshores Technology Co., Ltd.
2021100138	Patriot Campers Holdings Pty Ltd	2021100206	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100140	Shenzhen Thousandshores Technology Co., Ltd.	2021100207	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100142	THE REGISTRAR, GRAPHIC ERA (DEEMED TO BE UNIVERSITY)	2021100208	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100145	The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University	2021100209	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100146	TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.	2021100211	Rajarajeswari, P.; Singh, H.; Kaushal, P.; Bhong, G.L.; Chordiya, S.B.; Kumar Bharti, P.; Purushottam Pawar, V.; Raj, B.; B. Khedkar, E.; Kumar Sarkar, B.
2021100151	China University of Mining and Technology(Beijing)	2021100212	Rahardja, U.; Singh Bist, A.; Abirami, T.; Chordiya, S.B.; Kumar Bharti, P.; Purushottam Pawar, V.; Raj, B.; Kumar Singh, P.; Nidhi Singh, P.; Kumar Sarkar, B.
2021100152	Medical Apparatus and Equipment Deployment, Nanfang Hospital, Southern Medical University, Guangzhou, China	2021100213	NIKAM, S.; RAO, J.; JADHAV, C.; SOMKUNWAR, R.; SALE, D.
2021100153	Zhejiang Industrial and Commercial University	2021100214	Bhoi, A.; Mallick, P.K.; Bisoy, S.K.; Priyadarshi, N.; Chae, G.S.; Mishra, S.; R, A.; Kaur, I.; Jha, A.; MOHAMMED, I.S.; A, J.
2021100155	Hangzhou Shixiang Technology Co.,Ltd.	2021100216	Qingdao Agricultural University
2021100156	Mummaneni, S.; Gehlot, V.; P., S.; V. P., S.; B, D.; D., U.; Maurya, A.K.; Rao, N.S.; T., S.; R N, R.	2021100217	Jiangxi University of Traditional Chinese Medicine
		2021100218	Chen, B.
		2021100220	Pawar, A.S.; Mahajan, A.; Modake, V.; Dharme, A.; Sherje, N.P.

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2021100221	Chengdu University of Technology
2021100222	Shanghai Jiao Tong University; Anhui Xiangbang Composite Material Limited Company
2021100223	Shanghai Jiao Tong University; Anhui Xiangbang Composite Material Limited Company
2021100224	Third Xiangya Hospital of Central South University
2021100225	Institute of Agricultural Remote Sensing and Information, Heilongjiang Academy of Agricultural Sciences; Bi, H.
2021100226	Institute of Agricultural Machinery Research, Chinese Academy of Tropical Agricultural Sciences; Zhanjiang Kaixiang Technology Co., Ltd.
2021100227	Nanjing Chervon Industry Co., Ltd.
2021100228	Institute of Agricultural Machinery Research, Chinese Academy of Tropical Agricultural Sciences; Zhanjiang Kaixiang Technology Co., Ltd.
2021100229	Nanjing Chervon Industry Co., Ltd.
2021100230	Yunnan Tobacco Quality Supervision and Testing Station

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<u>E04H 12 /-</u>	<u>F26B 25 /-</u>	2021100214	<u>G06N 7 /-</u>		2021100214
2021100131		<u>G05B 19 /-</u>	2021100230	2021100173	<u>H02J 7 /-</u>
	2021100200		<u>G06Q 10 /-</u>	<u>G16H 10 /-</u>	
<u>E04H 15 /-</u>	2021100201	2021100214			2021100229
2021100138	2021100202	<u>G05B 23 /-</u>	2021100178	2021100009	<u>H04L 12 /-</u>
	<u>F26B 9 /-</u>		2021100225	<u>G16H 15 /-</u>	2021100123
<u>E06B 7 /-</u>		2021100178	<u>G06Q 30 /-</u>		
2021100208	2021100200	<u>G05D 1 /-</u>		2021100009	<u>H04L 29 /-</u>
	2021100201		2021100225	<u>G16H 20 /-</u>	2021100155
<u>E21C 41 /-</u>	2021100202	2021100165	<u>G06Q 50 /-</u>		2021100172
2021100103	<u>G01B 9 /-</u>	2021100176		2021100173	2021100214
		<u>G05D 7 /-</u>	2021100136	2021100217	
<u>E21D 23 /-</u>	2021100174		2021100225	<u>G16H 30 /-</u>	<u>H04L 9 /-</u>
2021100151	<u>G01C 13 /-</u>	2021100136	<u>G06T 3 /-</u>		2021100155
		<u>G06F 11 /-</u>	2021100181	2021100224	2021100212
<u>E21D 9 /-</u>	<u>G01L 1 /-</u>	2021100156	<u>G06T 5 /-</u>	<u>G16H 40 /-</u>	<u>H04N 21 /-</u>
2021100151		<u>G06F 16 /-</u>			
	2021100221		2020103992	2020103992	2021100153
<u>F04C 15 /-</u>	<u>G01N 1 /-</u>	2021100112	2021100152		
2021100111		2021100153	<u>G16H 50 /-</u>	<u>G16H 50 /-</u>	<u>H04W 4 /-</u>
	2021100218	2021100178			2021100117
<u>F04C 18 /-</u>	2021100221	<u>G06F 21 /-</u>	<u>G06T 7 /-</u>	2021100166	2021100123
2021100111	<u>G01N 21 /-</u>			2021100217	2021100214
		2021100155	2021100116	2021100224	
<u>F04C 27 /-</u>	2021100126	2021100212	2021100172	<u>G16Y 30 /-</u>	<u>H04W 84 /-</u>
2021100111	2021100176	<u>G06F 3 /-</u>	2021100176		2021100117
	<u>G01N 27 /-</u>		2021100224	2021100155	2021100123
<u>F04D 17 /-</u>		2021100181	<u>G07B 15 /-</u>	<u>G16Y 40 /-</u>	2021100173
2021100140	2021100159	<u>G06F 40 /-</u>			2021100214
	<u>G01N 33 /-</u>		2020104273	<u>G16Y 40 /-</u>	
<u>F04D 29 /-</u>		2021100211	<u>G08B 21 /-</u>	2020103992	<u>H04W 88 /-</u>
2021100140	2021100126	2021100217			
	2021100190	<u>G06K 19 /-</u>	2021100213	<u>H01H 71 /-</u>	2021100214
<u>F16L 5 /-</u>	2021100216		<u>G08B 25 /-</u>		
2021100105	2021100218	2021100230		2021100183	<u>No IPC Mark</u>
	<u>G01S 15 /-</u>	<u>G06K 9 /-</u>	2021100213	<u>H01H 73 /-</u>	
<u>F16M 11 /-</u>			<u>G08B 27 /-</u>		
2021100206	2021100117	2021100116		2021100183	<u>H01H 83 /-</u>
	<u>G01S 19 /-</u>	2021100152	2021100213		
<u>F24F 11 /-</u>		2021100173	<u>G08B 3 /-</u>	2021100183	
2021100203	2021100117	2021100176		<u>H01Q 1 /-</u>	
	<u>G01V 1 /-</u>	2021100211	2021100117		
<u>F24F 13 /-</u>		2021100224	<u>G08B 6 /-</u>	2021100119	<u>H01Q 13 /-</u>
2021100142	2021100181	<u>G06N 20 /-</u>		2021100119	
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F01N 13/18 (2010.01)
F16L 23/04 (2006.01)
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H04W 4/80 (2018.01)
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C07D 211/22 (2006.01)
C08G 69/10 (2006.01)
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B65G 53/46 (2006.01)
G01F 11/24 (2006.01)
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A01N 43/68 (2006.01)
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A61F 2/38 (2006.01)
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A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
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C07C 39/23 (2006.01)
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C07D 487/04 (2006.01)
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A61P 25/00 (2006.01)
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B01J 2/26 (2006.01)
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A61K 31/337 (2006.01)
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 SENS, Gregory
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B60C 7/12 (2006.01)
B32B 1/06 (2006.01)
B60C 7/00 (2006.01)
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C01G 53/10 (2006.01)
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C01G 53/00 (2006.01)
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C01G 49/02 (2006.01)
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C07D 241/18 (2006.01)
A61K 31/495 (2006.01)
A61P 35/00 (2006.01)
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C12N 15/13 (2006.01)
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G01N 33/577 (2006.01)
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A61K 47/54 (2017.01)
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A61P 35/00 (2006.01)
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A21C 13/00 (2006.01)
G01B 13/12 (2006.01)
G01N 33/10 (2006.01)
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A61P 25/18 (2006.01)
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B67D 1/04 (2006.01)
A47J 31/40 (2006.01)
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G07F 13/06 (2006.01)
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A23G 3/42 (2006.01)
A23G 3/44 (2006.01)
A23G 3/54 (2006.01)
A23L 7/126 (2016.01)
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C07D 471/04 (2006.01)
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A23C 9/123 (2006.01)
A23L 5/00 (2016.01)
B21B 3/02 (2006.01)
C12N 1/00 (2006.01)
C12N 1/38 (2006.01)
C12N 11/14 (2006.01)
C12Q 1/02 (2006.01)
C21D 9/46 (2006.01)
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B41F 17/22 (2006.01)
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A01N 25/02 (2006.01)
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G06Q 50/02 (2012.01)
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(54) Methods and systems for distributed power control
(51) Int. Cl.
G06F 1/3296 (2019.01)
G06F 1/3206 (2019.01)
G06F 1/3212 (2019.01)
G06F 1/3234 (2019.01)
G06F 1/3287 (2019.01)
G06F 9/48 (2006.01)
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H02J 3/14 (2006.01)
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H02S 10/10 (2014.01)
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G01L 1/18 (2006.01)
A61B 5/103 (2006.01)
G01R 31/28 (2006.01)
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(51) Int. Cl.
C07D 207/16 (2006.01)
C07C 15/00 (2006.01)
C07D 309/10 (2006.01)
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D06F 58/30 (2020.01)
B08B 3/02 (2006.01)
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D06F 58/30 (2020.01)
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D06F 58/26 (2006.01)
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A61B 17/00 (2006.01)
A61M 25/00 (2006.01)
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A61M 25/09 (2006.01)
A61M 25/098 (2006.01)
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C22B 26/10 (2006.01)
B01D 11/02 (2006.01)
C22B 3/00 (2006.01)
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A01N 63/00 (2020.01)
A01N 25/30 (2006.01)
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C09K 17/00 (2006.01)
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A23K 10/16 (2016.01)
A23K 20/121 (2016.01)
A23K 20/142 (2016.01)
C12N 9/24 (2006.01)
C12N 9/54 (2006.01)
C12R 1/07 (2006.01)
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G02B 6/10 (2006.01)
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G05D 1/00 (2006.01)
G06T 5/00 (2006.01)
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F41G 1/32 (2006.01)
F41G 1/38 (2006.01)
G02B 27/42 (2006.01)
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A61K 35/28 (2015.01)
A61K 41/00 (2020.01)
A61P 37/06 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0789 (2010.01)
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C12N 15/86 (2006.01)
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G06Q 50/34 (2012.01)
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C08L 71/02 (2006.01)
A61K 31/00 (2006.01)
C08G 65/332 (2006.01)
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F17C 9/02 (2006.01)
F17C 7/04 (2006.01)
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G05D 1/00 (2006.01)
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A61K 47/68 (2017.01)
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A61B 17/80 (2006.01)
A61F 2/30 (2006.01)
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A61B 17/72 (2006.01)
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A61K 8/02 (2006.01)
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C22C 38/00 (2006.01)
C22C 38/26 (2006.01)
C21D 8/00 (2006.01)
C21D 9/00 (2006.01)
C22C 38/48 (2006.01)
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C12N 5/0775 (2010.01)
C12P 1/00 (2006.01)
C12N 5/071 (2010.01)
C12P 21/00 (2006.01)
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B01D 61/36 (2006.01)
B01D 67/00 (2006.01)
B01D 69/06 (2006.01)
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F41A 21/16 (2006.01)
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B01L 9/00 (2006.01)
B01L 1/00 (2006.01)
B01L 3/00 (2006.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
G01N 33/577 (2006.01)
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H04N 21/8549 (2011.01)
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H04N 21/234 (2011.01)
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A61K 31/497 (2006.01)
A01N 43/90 (2006.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/04 (2006.01)
C07D 471/04 (2006.01)
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(51) Int. Cl.
B01D 21/00 (2006.01)
B01D 37/03 (2006.01)
B03B 5/48 (2006.01)
C02F 1/40 (2006.01)

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C02F 11/02 (2006.01)
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(51) Int. Cl.
C12Q 1/26 (2006.01)
A61B 5/08 (2006.01)
A61K 51/04 (2006.01)
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 VAN DER SCHEE, Marc
(74) IP GATEWAY PATENT & TRADE
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(54) Radiomic signature of a perivascular re-
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A61B 6/00 (2006.01)
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
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 OIKONOMOU, Evangelos
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(54) Radiomic signature of adipose
(51) Int. Cl.
A61B 6/00 (2006.01)
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
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C12N 15/85 (2006.01)
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 ASADI, Romisa; WARNER, Simon
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 posterior blepharitis
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A61K 31/7048 (2006.01)
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/36 (2006.01)
A61P 27/02 (2006.01)
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A61F 13/15 (2006.01)
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G07F 11/00 (2006.01)
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(54) Mobile vending machine
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G07F 11/02 (2006.01)
G05D 1/00 (2006.01)
G06Q 20/32 (2012.01)
G06Q 30/06 (2012.01)
G08G 1/00 (2006.01)
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G01J 3/02 (2006.01)
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E21B 43/013 (2006.01)
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A61K 31/435 (2006.01)
C07D 401/08 (2006.01)
C07D 405/14 (2006.01)
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A01N 43/00 (2006.01)
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C01C 1/10 (2006.01)
C02F 1/04 (2006.01)
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H04L 1/18 (2006.01)
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E04D 13/04 (2006.01)
E03B 3/02 (2006.01)
F16K 1/12 (2006.01)
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F16K 15/04 (2006.01)
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F16K 21/18 (2006.01)
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B60N 2/882 (2018.01)
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F42B 27/00 (2006.01)
F42B 39/20 (2006.01)
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G02B 1/115 (2015.01)
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H04N 21/4402 (2011.01)
G06N 3/08 (2006.01)
H04N 21/2343 (2011.01)
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B01D 53/12 (2006.01)
B01J 8/18 (2006.01)
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H02P 3/18 (2006.01)
H02J 9/00 (2006.01)
H02P 6/24 (2006.01)
H02P 29/00 (2016.01)
H02P 29/024 (2016.01)
H02P 29/028 (2016.01)
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B65G 23/24 (2006.01)
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F42D 5/04 (2006.01)
H02K 7/14 (2006.01)
H02K 19/10 (2006.01)
H02K 19/12 (2006.01)
H02K 21/28 (2006.01)
H02K 21/44 (2006.01)
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conjugates, and uses thereof
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C07D 403/10 (2006.01)
A61K 31/55 (2006.01)
A61P 35/00 (2006.01)
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pharmaceutical composition containing
same
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C07D 271/10 (2006.01)
A61K 31/4245 (2006.01)
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disorder or post-traumatic stress dis-
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A61K 31/41 (2006.01)
A61K 31/137 (2006.01)
A61K 31/138 (2006.01)
A61K 31/4525 (2006.01)
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C07J 71/00 (2006.01)
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A61F 13/00 (2006.01)
A61N 1/32 (2006.01)
A61N 1/36 (2006.01)
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C07K 14/115 (2006.01)
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A61K 39/395 (2006.01)
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B28B 3/12 (2006.01)
B29C 67/24 (2006.01)
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A61K 38/00 (2006.01)
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(54) Tonneau cover tie-down assembly
(51) Int. Cl.
B60J 7/19 (2006.01)
B60J 7/08 (2006.01)
B60J 7/10 (2006.01)
B60J 7/11 (2006.01)
B60J 7/12 (2006.01)
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B60J 7/16 (2006.01)
E05B 83/16 (2014.01)
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G01N 21/57 (2006.01)
G06T 7/40 (2017.01)
G06K 9/46 (2006.01)
G06Q 20/40 (2012.01)
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B41F 17/22 (2006.01)
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A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
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H04L 25/03 (2006.01)
H04B 10/61 (2013.01)
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A61F 9/007 (2006.01)
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B05D 1/34 (2006.01)
F04D 29/58 (2006.01)
F28D 1/06 (2006.01)
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B05B 7/24 (2006.01)
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A61F 2/30 (2006.01)
A61B 17/70 (2006.01)
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E21B 19/16 (2006.01)
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C08B 37/16 (2006.01)
A61K 31/724 (2006.01)
C08L 5/16 (2006.01)
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B05B 5/00 (2006.01)
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B05B 7/00 (2006.01)
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D06N 7/02 (2006.01)
C08L 13/02 (2006.01)
C09D 109/10 (2006.01)
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E04B 2/00 (2006.01)
E04C 2/288 (2006.01)
E04G 11/06 (2006.01)
E04G 11/08 (2006.01)
E04G 17/06 (2006.01)
E04G 17/12 (2006.01)
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B60G 17/018 (2006.01)
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 (54) Vehicle-mounted motion simulation platform based on active suspension, and control method therefor
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B60G 17/018 (2006.01)
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 (54) In-vehicle stable platform system employing active suspension and control method thereof
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B60G 17/018 (2006.01)
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- (71) Zenith Epigenetics Ltd.
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A61K 31/41 (2006.01)
A61K 31/422 (2006.01)
C07D 413/04 (2006.01)
C07D 471/04 (2006.01)
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 (21) 2019326321 (22) 14.08.2019
 (54) Mapping and tracking methods and systems principally for use in connection with swimming pools and spas
 (51) Int. Cl.
E04H 4/16 (2006.01)
G01S 5/16 (2006.01)
G01S 7/481 (2006.01)
G01S 17/89 (2020.01)
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- (71) ZTE Corporation
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- (54) Channel quality indicator feedback enhancement method, device and system, user equipment, and base station
 (51) Int. Cl.
H04L 5/00 (2006.01)
 (87) WO2020/030178
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 (72) LIN, Wei; HAO, Peng; SHI, Jing; GOU, Wei; REN, Min; HAN, Xianghui
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2018431310	Swissinno Solutions AG	2019322923	Rao, R.
2018436541	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019322935	Microtrace Pty Limited
2018436895	VODOPIANOV, I.M.	2019323183	Alma Therapeutics Ltd.
2018438546	ASICS Corporation	2019323662	ClimaSolutions GmbH
2018440799	SAF-Holland, Inc.	2019323663	AstraZeneca AB
2018441052	Data Intrans Pty Ltd	2019323695	Naiture GmbH & Co. KG
2018441890	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	2019323754	Aptamer Diagnostics Limited
2018442418	Nokia Technologies Oy	2019323818	RAI Strategic Holdings, Inc.
2018442433	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019323840	Art Medical Ltd.
2018442679	CC Wizard Oy	2019324126	Bessor Pharma, LLC
2018443181	Huawei Technologies Co., Ltd.	2019324127	Bessor Pharma, LLC
2018443233	Huawei Technologies Co., Ltd.	2019324129	Weatherford Technology Holdings, LLC
2018443516	Suppression Technologies, Inc.	2019324179	Crane Payment Innovations, Inc.
2018443569	Techtronic Cordless GP	2019324489	Paul Hartmann AG
2018443812	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019324525	Naiture GmbH & Co. KG
2018444554	Breas Medical AB; Institut National de la Sante et de la Recherche Medicale; Universite Claude Bernard Lyon 1; Centre Leon-Berard	2019324546	Process Limited
2018445145	JGC Corporation	2019324732	INSPECTREALESTATE.COM.AU PTY LTD
2018446561	Pujing Chemical Industry Co., Ltd	2019325112	Fujian Cosunter Pharmaceutical Co., Ltd.
2018446829	PUJING CHEMICAL INDUSTRY CO., LTD	2019325329	Clara Foods Co.
2018454766	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019325411	The United State Government as represented by the Department of Veterans Affairs; Case Western Reserve University
2018455662	Halliburton Energy Services, Inc.	2019325479	Bessor Pharma, LLC
2018455874	Halliburton Energy Services, Inc.	2019325514	The Wistar Institute of Anatomy and Biology
2018456015	Halliburton Energy Services, Inc.	2019325533	WRIGHT, J.D.
2018456050	Hallibuton Energy Services, Inc.	2019325697	Flagship Pioneering Innovations Vi, LLC
2019208468	ISAAC, J.	2019325698	Flagship Pioneering Innovations Vi, LLC
2019266964	CTS System Co., Ltd.; Um, T.J.	2019325699	Flagship Pioneering Innovations Vi, LLC
2019267033	LG Electronics Inc.	2019325957	Becton, Dickinson and Company
2019285641	The Board of Regents of the University of Texas System	2019325984	Warsaw Orthopedic, Inc.
2019316661	PerkinElmer Health Sciences, Inc.	2019326260	The University of Melbourne
2019317236	Meaningful Technology Limited	2019326321	Zodiac Pool Systems LLC
2019318672	ZTE Corporation	2019326406	The General Hospital Corporation
2019320270	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019326423	Fog Pharmaceuticals, Inc.
2019320750	Cardionomic, Inc.	2019326814	Beijing Showby Pharmaceutical Co., Ltd.
2019320825	Cepheid	2019326971	Daikin Industries, Ltd.
2019320827	Cepheid	2019327123	Kao Corporation
2019320847	Loxegen Holdings Pty Ltd	2019327425	Novel Microdevices, LLC (DBA Novel Devices)
2019321043	Evonik Operations GmbH	2019328344	Guardant Health, Inc.
2019321069	Binding Solutions Ltd	2019328703	Sulapac Oy
2019321073	Jalcos Holdings Inc.	2019329653	Amorepacific Corporation
2019321091	AstraZeneca AB	2019329801	Dow Global Technologies LLC
2019321269	Ovivo Inc.	2019329879	Hardie Health Limited
2019321289	Beijing Percans Oncology Co. Ltd.	2019329945	Neuralia Technologies Inc.
2019321446	PIKA ENERGY, INC.	2019330453	Great Wall Motor Company Limited
2019321464	Epizyme, Inc.	2019330702	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2019321479	Mixi, Inc.	2019331007	AMDT Holdings, Inc.
2019321639	Archer Daniels Midland Company	2019331907	Guardant Health, Inc.
2019321671	Vapor Dosing Technologies, Inc.	2019332431	Nissan Chemical Corporation
2019321895	Huawei Technologies Co., Ltd.	2019332892	Shell Internationale Research Maatschappij B.V.
2019322033	Evonik Operations GmbH	2019332928	Figene, LLC
2019322100	Oxitec, Ltd	2019333136	W. L. Gore & Associates, Inc.
2019322103	Apacor Limited	2019333310	Praxis Precision Medicines, Inc.
2019322205	AstraZeneca AB	2019333333	Fastbrick IP Pty Ltd
2019322212	Karnak Technologies, LLC	2019333339	Cabot, J.
2019322270	FG Innovation Company Limited	2019333924	EMvision Medical Devices Ltd
2019322630	Citrix Systems, Inc.	2019333928	Fastbrick IP Pty Ltd
2019322663	Beijing 7Invensun Technology Co., Ltd.	2019334017	Huawei Technologies Co., Ltd.
2019322713	Otsuka Pharmaceutical Co., Ltd.	2019334755	Aidence B.V.
2019322848	Lutz, T.	2019334792	Tokamak Energy Ltd
2019322911	Cepheid	2019334994	Lupin Inc.
		2019335010	Vanderbilt University
		2019335025	HebeCell Corporation
		2019335066	Fastbrick IP Pty Ltd
		2019335067	QIP International Pty Ltd
		2019335082	Controle De Donnees Metropolis Inc.
		2019335192	Informed Data Systems Inc. D/B/A One Drop

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2019335197	Cortex Composites, Inc.	2019340592	Symborg, SL
2019335373	Children's Medical Center Corporation	2019340677	The Nielsen Company (US), LLC
2019335420	Kelley, L.P.	2019340697	Precision Planting LLC
2019335454	Huawei Technologies Co., Ltd.	2019340767	Dizal (Jiangsu) Pharmaceutical Co., Ltd.
2019335507	AL HUMIDAN, N.	2019340854	Bunge Növényolajipari Zártkörűen Működő Részvénytársaság
2019335612	Lumus Ltd.	2019340885	Imperial College of Science, Technology and Medicine
2019335614	Technion Research and Development Foundation Limited	2019340890	Feedzai - Consultadoria e Inovação Tecnológica, S.A.
2019336238	Achillion Pharmaceuticals, Inc.	2019341357	SK Biopharmaceuticals Co., Ltd.
2019336254	NeoChord, Inc.	2019341651	Polar Systems Limited
2019336263	Fastbrick IP Pty Ltd	2019341667	Acergy France SAS
2019336268	Rain Harvesting Pty Ltd	2019342014	Velano Vascular, Inc.
2019336559	Owlstone Medical Limited	2019342081	Nitto Denko Corporation
2019336793	The Regents of the University of California	2019342089	Airgraft Inc.
2019336964	Tokamak Energy Ltd	2019342099	Genentech, Inc.
2019336973	Pres-By Vision Ltd.	2019342447	Taiho Pharmaceutical Co., Ltd.
2019337248	Ohealth Biopharmaceutical (Suzhou) Co., Ltd.	2019342750	Enanta Pharmaceuticals, Inc.
2019337284	LG Electronics Inc.	2019342890	Cox Powertrain Limited
2019337338	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	2019342901	Toncelli, L.
2019337344	Kaak Groep B.V.	2019342903	ENI S.p.A.
2019337479	Landa Labs (2012) Ltd.	2019342945	Idris Oncology B.V.
2019337582	ViaSat, Inc.	2019343051	Automated Pet Care Products, LLC
2019337583	ViaSat, Inc.	2019343305	Herting, T.
2019337654	Silverback Therapeutics, Inc.	2019343727	Bayer CropScience Biologics GmbH
2019337974	iTeos Belgium SA	2019343883	Warren Environmental & Coating, LLC
2019338168	Ember Technologies, Inc.	2019343974	Last Call Foundation, Inc.
2019338178	PepsiCo, Inc.	2019344002	Wilana Chemical LLC
2019338284	Caterpillar Inc.	2019344030	Usea AS
2019338285	Caterpillar Inc.	2019344086	Oxford University Innovation Limited
2019338311	Enviroeye LLC	2019344107	Pfizer Inc.
2019338379	Steris Instrument Management Services, Inc.	2019344261	SK Biopharmaceuticals Co., Ltd.
2019338402	JCM American Corporation	2019344306	Fisher & Paykel Appliances Limited
2019338412	BP Corporation North America Inc.	2019344411	Solarwood International Pty Ltd
2019338429	Lenexa Medical Pty Ltd	2019344436	Warren Environmental & Coating, LLC
2019338454	The Rockefeller University	2019344488	4subsea AS
2019338459	Eirion Therapeutics, Inc.	2019344542	3D Glass Solutions, Inc.
2019338483	Zenith Epigenetics Ltd.	2019344592	Oxford University Innovation Limited
2019338507	Yanshan University	2019344595	Grip Holdings LLC
2019338666	Immatics Biotechnologies GmbH	2019344670	UBER TECHNOLOGIES, INC.
2019338710	Invacare International GmbH	2019344783	The Children's Hospital of Philadelphia
2019338892	LG Electronics Inc.	2019344937	Medeor Therapeutics, Inc.
2019338896	Cellionbiomed Inc.	2019345015	BASF SE
2019338924	Solarkilns Holdings Pty Ltd	2019345062	Citrix Systems, Inc.
2019338956	Buehler, A.	2019345067	Modernatx, Inc.
2019339073	Broadleaf Co., Ltd.	2019345162	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
2019339191	Technip France	2019345214	STICHTING WAGENINGEN RESEARCH
2019339332	Torque Therapeutics, Inc.	2019345236	Inguran, LLC
2019339341	ViaSat, Inc.	2019345494	Aisin Takaoka Co., Ltd.
2019339400	EnlightenVue LLC	2019345932	ACO Severin Ahlmann GmbH & Co. KG
2019339408	Nice-Pak Products, Inc.	2019345980	Werthenstein Biopharma GmbH
2019339428	The Board of Regents of the University of Texas System	2019346041	Structural Lines Pty Ltd
2019339457	ViaSat, Inc.	2019346107	Komatsuseiki Kosakusho Co., Ltd.
2019339488	Eirion Therapeutics, Inc.	2019346258	Korea Institute of Geoscience and Mineral Resources
2019339494	Lancium LLC	2019346361	PepsiCo, Inc.
2019339501	PureCircle Sdn Bhd	2019346372	Bendix Commercial Vehicle Systems LLC
2019339535	Memorial Sloan Kettering Cancer Center	2019346464	Achillion Pharmaceuticals, Inc.
2019339538	Subsea 7 do Brasil Servicos Ltda.	2019346477	Dexterity, Inc.
2019339703	Betta Pharmaceuticals Co., Ltd	2019346497	Lexicon Pharmaceuticals, Inc.
2019339724	Rodenstock GmbH	2019346527	Hologic, Inc.
2019339870	Green Cross Lab Cell Corporation; MorphoSys AG	2019346562	Ab Initio Technology LLC
2019339896	Berg LLC	2019346626	Karuna Therapeutics, Inc.
2019339919	Cocky Smart Pty Ltd	2019346631	Apple Inc.
2019339921	Petróleo Brasileiro S.A.	2019346660	ConMed Corporation
2019339956	Yanshan University	2019346733	i-SENS, Inc.
2019340053	Talk 5 Pty Ltd	2019347433	Nippon Steel Corporation
2019340173	Kissei Pharmaceutical Co., Ltd.	2019347602	Dexterity, Inc.
2019340236	Rajaratnam, K.	2019347731	Hendrickson USA, L.L.C.
2019340261	Onkos Surgical, Inc.	2019347754	Auris Health, Inc.
2019340376	Curis Inc.	2019347767	Auris Health, Inc.
2019340413	Lyft, Inc.	2019347854	FMC Corporation
2019340500	Yanshan University	2019347855	FMC Corporation

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2019347913	W. L. Gore & Associates, Inc.	2019371400	Dana-Farber Cancer Institute, Inc.
2019347934	Jiangsu Hengrui Medicine Co., Ltd.	2019372611	Globeride, Inc.
2019348010	OpenTV, Inc.	2019373101	CubicFarm Systems Corp.
2019348048	University of Technology Sydney	2019373306	Boehringer Ingelheim International GmbH
2019348266	Siemens Aktiengesellschaft	2019373663	Tiziana Life Sciences plc
2019348318	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2019377258	Bewi Energy AS; Watkin, T.
2019348492	Greentropism	2019381040	Samsung Electronics Co., Ltd.
2019348733	ARQ IP Limited	2019384075	Marsupial Holdings , Inc.
2019348911	Universidad Nacional Del Litoral; Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET); Universidad Nacional De General San Martín	2019384105	ESS Tech, Inc.
2019349207	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019384130	Supernus Pharmaceuticals, Inc.
2019349523	Leipa Georg Leinfelder GmbH	2019385570	Casale SA
2019349669	CBRE, Inc.	2019388183	Abu Dhabi Polymers Co. Ltd (Borouge) L.L.C.; Borealis AG
2019350570	Mustang Sampling LLC	2019395774	F. Hoffmann-La Roche AG
2019350640	American Sterilizer Company	2019398117	Disruption Labs Inc.
2019350699	Ponce De Leon Health Designated Activity Company; Pereira, D.; Deo, K.	2019407590	GI Cell, Inc.
2019350707	CBRE, Inc.	2019412747	F. Hoffmann-La Roche AG
2019350801	Asahi Group Holdings, Ltd.	2019413832	Sakata Inx Corporation
2019350850	Western New England University	2019416961	Halliburton Energy Services, Inc.
2019351004	The Regents of the University of Michigan; The United States of America as Represented by The Department of Veteran Affairs	2019417017	NL Enterprises, LLC
2019351130	Grail, Inc.	2019419421	Cohere Technologies, Inc.
2019351722	Inflect, Inc.	2019426767	JGC Corporation
2019351847	Hitachi Zosen Inova Etogas GmbH	2019429311	JGC Corporation
2019353012	ConMed Corporation	2019431265	JGC Corporation
2019353092	PI Industries Ltd.	2019436656	China University of Mining and Technology
2019354632	Impact Selector International, LLC	2019440175	China University of Mining and Technology
2019355059	Nextremity Solutions, Inc.	2019441818	China University of Mining and Technology
2019355110	Capital One Services, LLC	2019442319	Dalian University of Technology
2019355847	Kop-Coat, Inc.	2019444538	JGC Corporation
2019355961	ConMed Corporation	2019455073	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019355995	Five Prime Therapeutics, Inc.	2019462665	Shandong University of Science and Technology
2019356502	Locus IP Company, LLC	2020202273	S-Biomedics
2019356596	Amryt Genetics Ltd.	2020218982	Universal Can Corporation
2019356807	PolyAnalytik Inc.	2020232618	Illumina, Inc.; University of Washington
2019356939	Kellogg Company	2020253611	Cohere Technologies, Inc.
2019357278	Ibrum Technologies	2020260495	Coupang Corp.
2019357433	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2020260544	Coupang Corp.
2019357600	LifeCell Corporation	2020260549	Coupang Corp.
2019357728	Closure Systems International Inc.	2020260551	Coupang Corp.
2019357944	Li-Technology Pty Ltd	2020260555	Coupang Corp.
2019357945	Ellis, A.	2020260559	Coupang Corp.
2019357962	Truck Accessories Group, LLC	2020260563	Coupang Corp.
2019358050	Qualcomm Incorporated	2020260570	Coupang Corp.
2019358117	Rheinmetall Waffe Munition GmbH	2020260571	Coupang Corp.
2019358330	Unichem Laboratories Limited	2020261931	LUNA, S.
2019358345	Siemens Energy Global GmbH & Co. KG	2020264268	Coupang Corp.
2019358518	NBE-Therapeutics AG	2020264290	Coupang Corp.
2019359017	Chong Kun Dang Pharmaceutical Corp.	2020264291	Coupang Corp.
2019359209	Locus IP Company, LLC	2020266530	Illumina, Inc.
2019359268	Limflow GmbH	2020267675	Cohere Technologies, Inc.
2019360180	Graphic Packaging International, LLC	2020289462	Cohere Technologies, Inc.
2019362031	Translate Bio, Inc.	2020294295	China University of Mining and Technology
2019362095	Evolution Industries IP Pty Ltd	2020324428	Cohere Technologies, Inc.
2019362330	Boehringer Ingelheim International GmbH	2020333005	PADMANABHAN, V.
2019362793	Akili Interactive Labs, Inc.		
2019363554	Plasser & Theurer Export von Bahnbaumaschinen GmbH		
2019364928	Societe Des Produits Nestle S.A.		
2019365514	Grifols Worldwide Operations Limited		
2019365800	Truck Accessories Group, LLC		
2019366821	Nextremity Solutions, Inc.		
2019368005	Truck Accessories Group, LLC		
2019369303	Covidien LP		
2019370097	Google LLC		
2019370721	Société des Produits Nestlé S.A.		
2019371068	Navenio Ltd		

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<u>A01B 39 /-</u>	<u>A01N 33 /-</u>	<u>A23K 40 /-</u>	<u>A61B 10 /-</u>	<u>A61F 2 /-</u>	2019373306
2019323695	2019320827	2019321639	2019347754	2019325984	2019373663
	<u>A01N 43 /-</u>	<u>A23L 2 /-</u>	<u>A61B 17 /-</u>	2019326406	2019384130
<u>A01B 49 /-</u>	2019322713	2019339501	2019325984	2019333339	2019395774
2019340697	2019345015		2019331007	2019336973	2019398117
	2019347855	<u>A23L 25 /-</u>	2019336254	2019340261	2020333005
<u>A01B 79 /-</u>	2019353092	2019356939	2019346660	2019347913	<u>A61K 35 /-</u>
2019323695	<u>A01N 63 /-</u>		2019347754	2019355059	2019332928
	2019340592	<u>A23L 27 /-</u>	2019347767	<u>A61F 9 /-</u>	2019335025
<u>A01C 5 /-</u>	2019343727	2019339501	2019353012	2019333136	2019335614
2019340697	2019356502		2019355059	<u>A61G 5 /-</u>	2019339332
		<u>A23L 33 /-</u>	2019355961	2019338710	2019339870
<u>A01C 7 /-</u>	<u>A01P 21 /-</u>	2019321639	2019359268	2019340885	2019344937
2019340697	2019343727	2019338896	2019366821	<u>A61G 7 /-</u>	2019373663
		2019350801	2019369303	2019340885	<u>A61K 36 /-</u>
<u>A01D 34 /-</u>	<u>A01P 3 /-</u>	2019362095	<u>A61B 18 /-</u>		2019322212
2018443569	2019343727		2019320750	<u>A61H 23 /-</u>	2019325698
		<u>A23L 5 /-</u>	<u>A61B 34 /-</u>	2018444554	<u>A61K 38 /-</u>
<u>A01D 43 /-</u>	<u>A01P 5 /-</u>	2019346107	2019333339		2019320847
2018443516	2019340592		2019347754	<u>A61J 15 /-</u>	2019326423
	2019343727	<u>A23L 7 /-</u>	2019347767	2019323840	2019339332
<u>A01D 46 /-</u>	<u>A01P 7 /-</u>	2019321639	2019369303		2019348911
2018443516	2019343727	2019356939	<u>A61B 5 /-</u>	<u>A61K 31 /-</u>	2019349207
2019323695		<u>A23N 12 /-</u>	2019325411	2019285641	2019362031
	<u>A21C 13 /-</u>	2019362095	2019325957	2019321289	2019365514
<u>A01G 22 /-</u>	2019337344		2019333339	2019322205	2019373663
2019325699		<u>A23P 20 /-</u>	2019333924	2019322212	<u>A61K 39 /-</u>
	<u>A23B 7 /-</u>	2019341651	2019335010	2019322713	2019325514
<u>A01G 27 /-</u>	2019362095		2019336559	2019323663	2019330702
2019373101		<u>A24F 47 /-</u>	2019338429	2019325112	2019337248
	<u>A23C 9 /-</u>	2019321671	2019342014	2019326814	2019338454
<u>A01G 31 /-</u>	2019346107	2019323818	2019342945	2019329879	2019338666
2019325699		2019342089	2019346527	2019333310	2019339332
	<u>A23D 7 /-</u>	<u>A43B 13 /-</u>	2019357278	2019334994	2019339870
<u>A01H 5 /-</u>	2019340854	2018438546	2019362793	2019335373	2019344783
2019325697		2020261931	<u>A61B 6 /-</u>	2019337654	2019345214
2019325699	<u>A23G 3 /-</u>		2019333924	2019337974	2019347934
	2019356939	<u>A47C 7 /-</u>	2019344086	2019337974	<u>A61K 41 /-</u>
<u>A01K 5 /-</u>		2019322923	2019344592	2019338459	2019344937
2019343051	<u>A23J 1 /-</u>	2019340236	2019346527	2019338483	
	2019325329		<u>A61B 8 /-</u>	2019338896	<u>A61K 45 /-</u>
<u>A01K 87 /-</u>		<u>A47J 31 /-</u>	2019346527	2019339488	2019339703
2019372611	<u>A23J 3 /-</u>	2019335420		2019339896	2019339919
	2019325329		<u>A61B 90 /-</u>	2019339919	2019340173
<u>A01M 21 /-</u>		<u>A47J 41 /-</u>	2019346527	2019340376	2019340173
2019323695	2019325329	2019338168	2019347754	2019340767	2019339488
	<u>A23K 10 /-</u>		2019350640	2019341357	2019344261
<u>A01M 23 /-</u>	2019359209	<u>A47K 17 /-</u>	2019353012	2019342447	2019344783
2018431310		2019208468		2019342750	<u>A61K 47 /-</u>
	<u>A23K 20 /-</u>		<u>A61C 13 /-</u>	2019344107	2019320847
<u>A01N 25 /-</u>	2019338896	<u>A61B 1 /-</u>	2019343305	2019344261	2019321091
2019355847	2019359209			2019344261	2019322205
2019356502		<u>A61F 13 /-</u>	2019324489	2019344783	2019337974
		2019325411	2019324489	2019344783	2019344783
			2019325411	2019350699	2019349207
				2019350801	2019358518
				2019357433	2019398117
				2019359017	2019407590
				2019362330	2020333005

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A61K 48 /-	A61P 1 /-	2019321289 2019322205 2019323663 2019326814 2019330702 2019337248 2019337654 2019337974 2019339535 2019339703 2019339870 2019340767 2019342447 2019347934 2019349207 2019357433 2019358518 2019373306 2019373663	B01D 53 /-	B05B 12 /-	B25J 5 /-
2019320847 2019339535	2019322713 2019325112 2019338896 2019340173 2019373306		2019332892	2019335066	2019436656
A61K 49 /-	A61P 11 /-		B01D 61 /-	B05B 13 /-	B25J 9 /-
2019322205	2019340767 2019373306		2019342081	2019335066	2019336263 2019346477 2019347602 2019347754 2019369303
A61K 51 /-			B01D 67 /-	B05B 5 /-	
2019336559			2019342081	2019350850	
A61K 8 /-	A61P 13 /-		B01D 69 /-	B05B 7 /-	B27B 1 /-
2019325697 2019329653 2019339408	2019342447 2019373306		2019342081	2019344436 2019350850	2019344411
A61K 9 /-	A61P 17 /-		B01D 71 /-	B05C 5 /-	B27M 1 /-
2019322212 2019323183 2019325698 2019337974 2019355995 2019359017 2019362031 2019384130 2019398117 2019407590 2020333005	2019338459 2019339488 2019339919	A61P 37 /-	2019342081	2019333928	2019344411
		2019330702 2019337654 2019344107 2019344937 2019349207 2019373663	B01J 19 /-	B05D 1 /-	B28B 13 /-
	A61P 19 /-		2019385570	2019343883	2019342901
	2019342447 2019359017		B01J 2 /-	B06B 1 /-	B28B 3 /-
			2019329801	2019346041	2019342901
	A61P 21 /-	A61P 43 /-	B01J 20 /-	B07C 5 /-	B29B 9 /-
	2019337338	2019342447 2019350801	2019332892	2019344411	2019329801
	A61P 25 /-	A61P 9 /-	B01J 23 /-	B08B 3 /-	B29C 67 /-
	2019340767 2019341357 2019344261 2019346626 2019362330 2019365514 2019384130 2019395774	2019373306	2018446561	2019267033	2019342901
A61L 2 /-		A62C 3 /-	B01J 31 /-	B21B 3 /-	B29C 70 /-
2019320827		2018443516	2019321043	2019346107	2019341667
A61L 27 /-		B01D 11 /-	B01J 41 /-	B21D 19 /-	B32B 1 /-
2019325984 2019335025 2019357600		2019324126 2019324127 2019325479 2019357944	2019332892	2019345494	2019321073
A61L 9 /-	A61P 27 /-		B01J 8 /-	B23Q 17 /-	B32B 27 /-
2019320827	2019373306 2019395774 2020333005		2018446829 2019332892 2019351847	2019343305	2019328703 2019349523
A61M 11 /-	A61P 29 /-	B01D 15 /-	B01L 1 /-	B23Q 3 /-	B41F 17 /-
2019321671	2019322713 2019323663 2019359017 2019373663	2019356807	2019327425	2019343305	2019337479 2020218982
A61M 15 /-		B01D 17 /-	B01L 3 /-	B23Q 7 /-	B41M 1 /-
2019321671		2019345932	2019325957 2019327425	2019346477	2020218982
A61M 25 /-	A61P 3 /-	B01D 19 /-	B01L 9 /-	B25B 27 /-	B60C 23 /-
2019325957 2019342945 2019359268	2019350801	2019324546	2019327425	2019344595	2019347731
A61M 39 /-	A61P 31 /-	B01D 21 /-	B03B 5 /-	B25J 11 /-	B60C 7 /-
2019325957	2019322713 2019325514 2019329879 2019342750 2019344783 2019345214	2019321269	2019321269 2019431265	2019436656	2019321073
A61M 5 /-		B01D 3 /-	B03D 1 /-	B25J 13 /-	B60D 1 /-
2019323840		2019324546	2019348733 2020294295	2019347754	2018441052 2019357945
A61N 1 /-	A61P 35 /-	B01D 37 /-	B05B 11 /-	B25J 15 /-	B60G 11 /-
2019325411	2019285641 2019321091	2019321269	2019345162	2019333928	2019347731

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2019338507	2019322848	2019426767	<u>C07D 221 /-</u>	2019340767	2019329801
2019339956		2019429311	2019412747	2019395774	2019388183
2019340500	<u>B65D 47 /-</u>	2019431265		<u>C07D 491 /-</u>	
<u>B60J 7 /-</u>	2019345162	<u>C02F 1 /-</u>	<u>C07D 233 /-</u>	2019342750	<u>C08F 210 /-</u>
			2019334994		2019388183
2019357962	<u>B65D 51 /-</u>	2019321269	<u>C07D 237 /-</u>	<u>C07D 493 /-</u>	<u>C08G 61 /-</u>
2019365800	2019322848	2019324546		2019346497	
2019368005		<u>C02F 11 /-</u>	2019347854	<u>C07D 497 /-</u>	2019342903
<u>B60L 3 /-</u>	<u>B65D 55 /-</u>		2019347855		
	2019357728	2019321269	<u>C07D 241 /-</u>	2019337974	<u>C08G 65 /-</u>
2019363554		<u>C02F 9 /-</u>	2019357433	<u>C07D 498 /-</u>	2019345067
<u>B60N 2 /-</u>	<u>B65D 59 /-</u>		<u>C07D 251 /-</u>	2019357433	<u>C08G 69 /-</u>
	2019377258	2019321269		2019371400	2019322205
2019322923		<u>C07B 57 /-</u>	2019345015	<u>C07D 519 /-</u>	<u>C08G 73 /-</u>
<u>B60S 9 /-</u>	<u>B65D 6 /-</u>		<u>C07D 271 /-</u>	2019340767	2019342903
	2019346477	2019412747		2019371400	2019356596
2018440799	2019347602	<u>C07C 15 /-</u>	2019341357	<u>C07F 15 /-</u>	
<u>B60T 13 /-</u>	<u>B65D 75 /-</u>		<u>C07D 307 /-</u>	2019326814	<u>C08G 83 /-</u>
	2019364928	2019346497			
2019346372		<u>C07C 273 /-</u>	2019329879	<u>C07F 5 /-</u>	2019322205
<u>B60T 7 /-</u>	<u>B65D 77 /-</u>		<u>C07D 309 /-</u>	2019323663	<u>C08J 5 /-</u>
	2019333928	2019385570			
2018441052		<u>C07C 37 /-</u>	2019346497	<u>C07H 21 /-</u>	2019388183
<u>B60W 30 /-</u>	<u>B65D 83 /-</u>		<u>C07D 401 /-</u>	2019325697	<u>C08L 13 /-</u>
	2019345162	2019324126			
2019330453		2019324127	2019321464	<u>C07H 3 /-</u>	2019344002
<u>B62D 53 /-</u>	<u>B65D 85 /-</u>	2019325479	2019344107		
	2019364928	<u>C07C 39 /-</u>	2019373306	<u>C07J 71 /-</u>	<u>C08L 23 /-</u>
2018441052			<u>C07D 403 /-</u>	2019321639	2019348318
<u>B62D 55 /-</u>	<u>B65G 23 /-</u>	2019398117			
	2019370721	<u>C07C 51 /-</u>	2019321464	<u>C07K 14 /-</u>	<u>C08L 39 /-</u>
2019338284			2019337654		
2019338285	2019348266	2019350699	<u>C07D 405 /-</u>	2019351004	2019346733
<u>B62D 57 /-</u>	<u>B65G 43 /-</u>			<u>C07K 16 /-</u>	<u>C08L 5 /-</u>
	2019348266	2018446561	2019344107	2019325329	
2019436656		2018446829	2019362330	2019325514	2019320827
<u>B63B 1 /-</u>	<u>B65G 47 /-</u>	2019321043	2019373306	2019338666	2019345980
	2019346477	2019322033	<u>C07D 413 /-</u>	2019339535	<u>C08L 67 /-</u>
2018436895		<u>C07C 69 /-</u>		2019358330	
<u>B63B 27 /-</u>	2019347602		2019338483	<u>C07K 19 /-</u>	2019328703
	2019360180	2018446561	2019339703		
2019344030		2018446829	2019344107	2019337248	<u>C08L 71 /-</u>
<u>B63B 3 /-</u>	<u>B65G 53 /-</u>	2019321043	2019353092	2019337338	
	2019343051	2019322033	2019371400	2019338454	2019345067
2018436895		<u>C07D 207 /-</u>	<u>C07D 417 /-</u>	2019339870	<u>C08L 75 /-</u>
<u>B63B 39 /-</u>	<u>B67D 1 /-</u>			2019347934	
	2019335420	2019346497	2019344107	<u>C07K 19 /-</u>	2019346733
2018436895		<u>C07D 209 /-</u>	<u>C07D 471 /-</u>		<u>C09B 69 /-</u>
<u>B65B 29 /-</u>	<u>B82Y 5 /-</u>			2019332928	
	2019322205	2019321464	2019322713	2019345214	2019339428
2019370721		2019371400	2019335373	<u>C08B 37 /-</u>	<u>C09D 109 /-</u>
<u>B65B 35 /-</u>	<u>C01C 1 /-</u>	<u>C07D 211 /-</u>	2019336238		
	2019324546		2019338483	2019345980	2019344002
2019346477		2019322205	2019340173	<u>C08F 10 /-</u>	<u>C09D 11 /-</u>
2019347602	<u>C01G 49 /-</u>	<u>C07D 213 /-</u>	2019357433		
2019360180			<u>C07D 487 /-</u>	2019329801	2019413832
	2019431265	2019373306			
			2019325112		

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<u>C09K 17 /-</u>	2019332928	<u>C22C 38 /-</u>	<u>E04G 11 /-</u>	<u>F01N 13 /-</u>	<u>F21S 8 /-</u>
2019356502	<u>C12N 9 /-</u>	2019347433	2019325533	2019345494	2019335082
<u>C10L 5 /-</u>	2019325329	<u>D06F 21 /-</u>	<u>E04G 17 /-</u>	<u>F02B 61 /-</u>	2019350640
2019348733	2019327123	2019344306	2019325533	2019342890	<u>F21V 23 /-</u>
	2019359209				2019350640
<u>C10L 9 /-</u>	<u>C12P 1 /-</u>	<u>D06F 39 /-</u>	<u>E04G 21 /-</u>	<u>F02B 67 /-</u>	
2019348733	2019332431	2019344306	2019333333	2019342890	<u>F21V 33 /-</u>
			2019333928		2019335082
<u>C11C 3 /-</u>	<u>C12P 19 /-</u>	<u>D06F 58 /-</u>	2019335066	<u>F04D 29 /-</u>	
2019340854	2019321639	2019267033	2019336263	2019343883	<u>F24D 13 /-</u>
		2019337284			2019338956
<u>C11D 17 /-</u>	<u>C12P 21 /-</u>	2019338892	<u>E04H 12 /-</u>	<u>F15B 1 /-</u>	
2019320827	2019325329	<u>D06N 7 /-</u>	2019346041	2019462665	<u>F24D 3 /-</u>
	2019332431		<u>E04H 4 /-</u>		2019338956
<u>C11D 3 /-</u>	2019338454	2019344002	2019326321	<u>F15B 13 /-</u>	
2019320827	2019347934	<u>E01B 27 /-</u>	<u>E05B 83 /-</u>	2019340697	<u>F24F 1 /-</u>
	2019358330		2019368005	<u>F16B 7 /-</u>	2019326971
<u>C12G 3 /-</u>	<u>C12P 7 /-</u>	2019363554	<u>E05C 9 /-</u>	2019331007	<u>F24F 11 /-</u>
2019335067	2019327123	<u>E03B 3 /-</u>	2019368005	<u>F16H 27 /-</u>	2019326971
		2019336268		2019353012	<u>F24T 10 /-</u>
<u>C12H 1 /-</u>	<u>C12Q 1 /-</u>	<u>E03D 11 /-</u>	<u>E21B 17 /-</u>		
2019335067	2019321289	2019208468	2019339191	<u>F16J 15 /-</u>	2019323662
	2019322103	<u>E03F 5 /-</u>	2019339538	2019338285	<u>F25B 21 /-</u>
<u>C12N 1 /-</u>	2019323754	2019321269	2019354632	<u>F16K 1 /-</u>	2019338168
2019325329	2019331907	2019345932	2019377258	2019336268	<u>F25D 15 /-</u>
2019327123	2019336559	<u>E04B 1 /-</u>	<u>E21B 19 /-</u>	<u>F16K 15 /-</u>	2019338168
2019346107	2019346107	2018442679	2019324129	2019336268	<u>F25D 31 /-</u>
	2019346733	2019335197	<u>E21B 21 /-</u>	<u>F16K 21 /-</u>	2019338168
<u>C12N 11 /-</u>	2019351130	<u>E04B 2 /-</u>	2018456015	2019336268	<u>F26B 21 /-</u>
2019346107	2020266530	2019325533	2019416961	<u>F16K 31 /-</u>	2019338924
		2019326971	<u>E21B 31 /-</u>	2019336268	<u>F26B 25 /-</u>
<u>C12N 15 /-</u>	<u>C12R 1 /-</u>	<u>E04B 5 /-</u>	2019354632	2019347731	2019338924
2019320825	2019359209	2019335197	<u>E21B 41 /-</u>	<u>F16L 11 /-</u>	<u>F26B 3 /-</u>
2019322100		<u>E04C 2 /-</u>	2018456015	2019343974	2019338924
2019322911	<u>C21D 8 /-</u>	2019325533	2018456050	<u>F16L 23 /-</u>	2019362095
2019325697	2019347433	2019326971	2019416961	2019345494	<u>F28D 1 /-</u>
2019325699	<u>C21D 9 /-</u>	<u>E04B 9 /-</u>	<u>E21B 31 /-</u>	<u>F16L 57 /-</u>	2019343883
2019327123	2019346107	2019335197	2019354632	2019377258	<u>F41A 21 /-</u>
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2019336793		2019335197	2018456015	<u>F16L 11 /-</u>	<u>F26B 3 /-</u>
2019339535	<u>C22B 1 /-</u>	<u>E04C 2 /-</u>	2018456050	2019343974	2019338924
2019345214	2019347433	2018442679	<u>E21B 43 /-</u>	<u>F16L 23 /-</u>	2019362095
2019347934	2018445145	2019325533	2019339191	2019345494	<u>F28D 1 /-</u>
2019351130	2019321069	2019335197	2019339921	<u>F16L 57 /-</u>	2019343883
2019371400	2019444538	2019338956	<u>E21B 47 /-</u>	2019377258	<u>F41A 21 /-</u>
2020232618		<u>E04C 2 /-</u>	2019339191	<u>F16L 59 /-</u>	2019417017
	<u>C12N 3 /-</u>	2018442679	2019440175	2019341667	<u>F41G 1 /-</u>
	<u>C22B 23 /-</u>	2019325533	2019441818	<u>F17C 7 /-</u>	2019384075
2019343727	2018445145	2019335197	<u>E21B 49 /-</u>	2019350570	<u>F41H 9 /-</u>
	2019426767	2019338956	2018455662	<u>F17C 9 /-</u>	2019358117
<u>C12N 5 /-</u>	2019444538	<u>E04D 13 /-</u>	2018455874		
2019325329		2019336268	2018456015		
2019332431	<u>C22B 26 /-</u>	<u>E04D 3 /-</u>	2018456050		
2019332928	2019357944	2018442679			
2019335025		<u>E04F 13 /-</u>			
2019344937	<u>C22B 3 /-</u>	2019338956			
2020202273	2019357944				
<u>C12N 7 /-</u>					
2019325514					

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F42B 12 /-		G01S 5 /-	2019329945	G06Q 30 /-	G16B 20 /-
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	2019339191	2019371068	2019346631	2019340677	2019328344
F42B 19 /-	G01M 7 /-	G01S 7 /-	2019357278	2019346361	
2019358345	2019346041	2019326321	G06F 30 /-	2020260570	G16B 30 /-
F42B 27 /-	G01N 1 /-	G01V 1 /-	2020260563	G06Q 50 /-	2019331907
2019358117	2019322103	2019338412	G06F 40 /-	2019321479	G16B 40 /-
F42B 39 /-	G01N 15 /-	G02B 1 /-	2019340890	2019324732	2019328344
2019358117	2019345236	2019339724	G06F 8 /-	2019346258	G16H 10 /-
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2019417017	2019322103	2019338379	G06F 9 /-	2019333924	G06T 11 /-
F42C 17 /-	2019339428	G02B 23 /-	2019339494	2019340413	2019333924
2019417017	2019344411	2019338379	G06K 13 /-	G06T 17 /-	2019321671
F42C 9 /-	2019345236	G02B 27 /-	2019324179	2019333924	G16H 30 /-
2019358117	2019348492	G02B 6 /-	G06K 9 /-	G06T 19 /-	2019334755
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F42D 5 /-	2019322935	2019339724	2019333924	G06T 5 /-	2019344592
2019358345	G01N 27 /-	2019384075	2019338311	G06T 7 /-	G16H 50 /-
G01B 11 /-	2018455874	G02B 6 /-	2019344670	2019336263	G21B 1 /-
2019345236	G01N 3 /-	G02F 1 /-	G06N 10 /-	2019344086	2019336964
G01B 13 /-	2019346041	2019335612	2019326260	2019344592	H01B 12 /-
2019337344	G01N 30 /-	G05B 19 /-	2019370097	2019344670	2019334792
G01C 21 /-	2019350570	2019336263	G06N 20 /-	G07C 11 /-	2019336964
2019371068	G01N 31 /-	2019343305	2019339073	2019342089	H01F 6 /-
G01C 5 /-	2018455662	G05D 1 /-	2020260549	G07F 11 /-	2019334792
2019371068	G01N 33 /-	2019324525	G06N 3 /-	2019338178	2019336964
G01F 1 /-	2018455874	2019340413	2019338412	2019346361	H01H 3 /-
2019344488	2019322103	2019346361	2019381040	G07F 13 /-	2019353012
G01F 11 /-	2019336559	G05D 16 /-	G06Q 10 /-	2019335420	H01J 49 /-
201934488	2019337248	2019347731	2019317236	G07F 17 /-	2019348492
G01F 11 /-	2019337344	G06F 1 /-	2019340053	2019338402	H01L 39 /-
2019343051	2019338311	2019339494	2019340677	G07F 7 /-	2019334792
G01F 15 /-	2019338666	G06F 11 /-	2019342089	2019355110	H01L 51 /-
2019344488	2019342099	2019346562	2019349669	G08B 13 /-	2019342903
G01F 23 /-	2019344411	G06F 16 /-	2020260495	2019335082	H01M 8 /-
2019344488	2019347934	2019329945	2020260544	G08G 1 /-	2019384105
G01J 3 /-	2019348048	2019350707	2020260549	2019346361	H01P 3 /-
2019316661	G01R 31 /-	G06F 17 /-	2020260551	G09G 3 /-	2019344542
G01L 1 /-	2019333924	2019317236	2020260555	2018443181	2019344542
2019338429	G01S 17 /-	2019442319	2020260559	G10L 15 /-	H01P 5 /-
G01L 5 /-	2019326321	G06F 21 /-	2020260570	2019340053	
2019347754		2019322630	2020260571		
			2020264268		
			2020264290		
			2020264291		

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<u>H01Q 13 /-</u>	<u>H04B 7 /-</u>	<u>H04W 28 /-</u>
2019333924	2020253611	2019419421
2019344542	2020267675	
	2020289462	<u>H04W 4 /-</u>
<u>H01Q 21 /-</u>	2020324428	2019322270
2019333924	<u>H04J 14 /-</u>	2019335082
		2019346631
<u>H01Q 25 /-</u>	2019339457	<u>H04W 60 /-</u>
2019333924	<u>H04L 1 /-</u>	2019320270
<u>H02J 3 /-</u>	2018442433	<u>H04W 72 /-</u>
2019339494	2018443812	2018441890
	2019358050	2019419421
<u>H02J 50 /-</u>	<u>H04L 12 /-</u>	2020289462
2018443233	2019321895	<u>H04W 74 /-</u>
<u>H02J 7 /-</u>	<u>H04L 25 /-</u>	2018442418
2018443233	2019337583	2020267675
<u>H02J 9 /-</u>	<u>H04L 27 /-</u>	<u>H04W 76 /-</u>
2019348266	2019337582	2019320270
<u>H02K 19 /-</u>	<u>H04L 29 /-</u>	<u>H04W 88 /-</u>
2019358345	2018436541	2019335082
<u>H02K 21 /-</u>	2019321895	
2019358345	2019322630	
<u>H02K 23 /-</u>	<u>H04L 5 /-</u>	
2019358345	2019318672	
<u>H02K 7 /-</u>	<u>H04L 9 /-</u>	
2019358345	2019322630	
<u>H02P 29 /-</u>	<u>H04N 19 /-</u>	
2019348266	2018454766	
	2019334017	
<u>H02P 3 /-</u>	2019335454	
2019348266	2019455073	
<u>H02P 6 /-</u>	<u>H04N 21 /-</u>	
2019348266	2019348010	
	2019381040	
<u>H02S 10 /-</u>	<u>H04N 5 /-</u>	
2019339494	2019266964	
	2019322663	
<u>H02S 40 /-</u>	2019335082	
2019321446	<u>H04N 7 /-</u>	
	2019266964	
<u>H03K 17 /-</u>	2019335082	
2019321446	<u>H04W 12 /-</u>	
<u>H04B 10 /-</u>	2019346631	
2019337582	<u>H04W 16 /-</u>	
2019337583	2019419421	
2019339341	2020267675	
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H01R 12/79 (2011.01)
H01R 13/62 (2006.01)
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 A24B 15/30 (2006.01)
 A24D 3/12 (2006.01)
 A24F 47/00 (2006.01)
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 A01N 25/12 (2006.01)
 A61L 2/23 (2006.01)
 C01B 32/60 (2017.01)
 C01F 5/08 (2006.01)
 C01F 5/14 (2006.01)
 C01F 5/24 (2006.01)
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 C04B 2/10 (2006.01)
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G01C 3/00 (2006.01)
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A61K 31/714 (2006.01)
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A61K 31/198 (2006.01)
A61K 33/24 (2019.01)
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C03C 6/02 (2006.01)
C04B 18/14 (2006.01)
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A61P 35/00 (2006.01)
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A23L 2/58 (2006.01)
A23L 5/42 (2016.01)
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C09D 5/02 (2006.01)
C09D 5/06 (2006.01)
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 Adrian
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A61P 1/08 (2006.01)
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C12Q 1/68 (2006.01)
G01N 33/48 (2006.01)
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C02F 1/00 (2006.01)
A45F 3/16 (2006.01)
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G02B 6/293 (2006.01)
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G06K 19/077 (2006.01)
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C04B 16/06 (2006.01)
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D06M 10/02 (2006.01)
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D06M 11/79 (2006.01)
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E04C 5/07 (2006.01)

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G01B 7/02 (2006.01)

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B60G 5/04 (2006.01)
B60G 11/58 (2006.01)
B62D 63/08 (2006.01)

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H01B 7/02 (2006.01)
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B60H 3/06 (2006.01)
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 (54) An Overflow Device Comprising or Including a Rainhead
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G06F 9/455 (2006.01)
G06F 15/16 (2006.01)
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- Xenon Pharmaceuticals Inc. see Genentech, Inc.**
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B65D 81/38 (2006.01)
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A61B 6/00 (2006.01)
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 (51) Int. Cl.
E04G 21/24 (2006.01)
A47H 1/022 (2006.01)
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- (71) YETI Coolers, LLC
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 (54) Closure and lid and method of forming closure and lid
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 (74) Davies Collison Cave Pty Ltd
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A61B 17/00 (2006.01)
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A61M 25/00 (2006.01)
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2014351800	Orion Diagnostica Oy	2016243560	Rovi Guides, Inc.
2014369850	Dicerna Pharmaceuticals, Inc.	2016245315	Institut des Sciences et Industries du Vivant et de L'environnement - Agroparis Tech; University of New England; Circa Group Pty Ltd
2014412513	Kimberly-Clark Worldwide, Inc.	2016249965	CelgenTek Limited
2014412789	Razer (Asia-Pacific) Pte. Ltd.	2016250342	The Boeing Company
2015234395	Caterpillar Inc.	2016251944	Suez International
2015255622	Sirtex Medical Limited	2016252237	BenevolentAI Cambridge Limited
2015258219	GS Yuasa International Ltd.	2016253382	General Electric Technology GmbH
2015264896	Caterpillar Inc.	2016256168	Klebchemie M. G. Becker GmbH & Co. KG
2015268715	BRIDGE DESIGN & CONSTRUCT PTY LTD	2016257076	AB Connectors Ltd
2015271641	Clinical Genomics Pty Ltd	2016259336	Adobe Inc.
2015276929	The United States of America, as represented by the Secretary, Department of Health and Human Services	2016262164	Pultrusion Technique Inc.
2015279546	10X Genomics, Inc.	2016262801	Paranhos Torres, M.
2015279621	Icahn School of Medicine at Mount Sinai	2016265904	The Governing Council of The University of Toronto; John, M.
2015279643	C2N Diagnostics LLC	2016267782	Cohen, C.
2015280248	ALIOS BioPharma, Inc.	2016269337	Lumosa Therapeutics Co., Ltd.; Shanghai Lumosa Therapeutics Co., Ltd.
2015286189	Rail-Veyor Technologies Global Inc.	2016271378	Hy Innovation, LLC
2015289054	Novo Nordisk A/S	2016273997	Oticon Medical A/S
2015293633	The Pirbright Institute	2016277870	Nobel Biocare Services AG
2015300020	Takeda Pharmaceutical Company Limited	2016280617	Pure Storage, Inc.
2015301460	The Trustees of the University of Pennsylvania; Novartis AG; The Scripps Research Institute	2016282495	Zurich Medical Corporation
2015301753	Massachusetts Institute of Technology; Stanford University	2016283127	Porifera, Inc.
2015302928	Northgate Technologies Inc.	2016290962	Zimmer, Inc.
2015311951	ImmunoGen, Inc.	2016297775	ZipWall LLC
2015315110	Glycosyn LLC	2016299438	Fresenius Medical Care Deutschland GmbH
2015317344	Sciometrics LLC	2016299874	Wix.com Ltd.
2015317521	Spogen Biotech Inc.	2016312492	Belanger, Inc.
2015324935	The General Hospital Corporation	2016316712	Studiengesellschaft Kohle Mbh
2015326856	Dolby International AB	2016319125	Dana-Farber Cancer Institute, Inc.
2015326891	MedImmune Limited	2016322010	Scoot & Ride GmbH
2015327748	Sirtex Medical Limited	2016322709	Sunfed Limited
2015342728	Breville Pty Limited	2016323612	Merck Patent GmbH
2015343199	Adamas Pharma, LLC	2016324071	Mitsubishi Materials Corporation
2015343221	Bioenergy Life Science, Inc.	2016324310	ModernaTX, Inc.
2015345073	Inbiose N.V.	2016324492	Carnegie Mellon University
2015346514	Illumina, Inc.	2016328461	Byondis B.V.
2015347357	Vtulkin, D.	2016330023	Italmatch Chemicals GB Limited
2015350108	Epizyme, Inc.; Eisai R&D Management Co., Ltd.	2016330260	Piaggio & C. S.p.A.
2015352180	Inova Design Solutions Ltd	2016330503	Genentech, Inc.; Xenon Pharmaceuticals Inc.
2015353002	Construction Research & Technology GmbH	2016334396	Northwestern University
2015353425	Evelo Biosciences, Inc.	2016334734	Bayer CropScience Aktiengesellschaft
2015358490	Aragon Pharmaceuticals, Inc.	2016339033	ReFlow Medical, Inc.
2015372438	Sanofi-Aventis Healthcare Pty Ltd	2016341400	Apogenix AG
2015380665	Joy Global Underground Mining LLC	2016347483	Norsk Medisinsk Syklotronsenter AS
2015389150	Tali Health Pty Ltd	2016350734	BioFire Diagnostics, LLC
2015402333	López-Pozas Lanuza, L.	2016353481	Chr. Hansen Natural Colors A/S
2015415427	Halliburton Energy Services, Inc.	2016354296	Evonik Operations GmbH
2015416324	Kimberly-Clark Worldwide, Inc.	2016354298	Evonik Operations GmbH
2015416536	Prysmian S.p.A.	2016354673	Boyle, N.
2016200078	Fujitsu General Limited	2016357508	Logitel Co., Ltd.
2016202202	CRUISEMASTER AUSTRALIA PTY LTD	2016357927	RQx Pharmaceuticals, Inc.; Genentech, Inc.
2016203558	Deere & Company	2016358949	BAE Systems PLC
2016204260	Hunter Douglas Inc.	2016361380	Japan Medical Device Technology Co., Ltd.; National University Corporation Kumamoto University
2016214108	Grey Orange Pte. Ltd.	2016362943	Rutgers, The State University of New Jersey
2016214506	Casale SA	2016363025	Juno Therapeutics, Inc.
2016218602	Linde Aktiengesellschaft	2016367147	Plexxikon Inc.
2016223475	Sciencons AS	2016368757	Qualcomm Incorporated
2016226645	Epiroc Rock Drills Aktiebolag	2016373415	Engie
2016229949	Auspex Pharmaceuticals, Inc.	2016373767	Nichia Corporation
2016231646	Instituto Grifols, S.A.	2016378641	bisy GmbH
2016236293	Philip Morris Products S.A.	2016384693	ViCentra B.V.
2016236606	Tasly Pharmaceutical Group Co., Ltd.	2016389261	Kimberly-Clark Worldwide, Inc.
2016239318	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech RNA Pharmaceuticals GmbH	2016402550	Certis Cisco Security Pte Ltd
		2016420032	NX Filtration Holding B.V.

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2017200005	Legrand SNC; Legrand France	2018241875	Nicoventures Trading Limited
2017200900	Eguana Technologies	2018247991	Decathlon
2017200904	Eguana Technologies	2018249538	Becton, Dickinson and Company
2017201927	Adobe Inc.	2018253505	Chang Gung Memorial Hospital, Kaohsiung
2017202252	Joy Global Surface Mining Inc	2018253547	LEE, J.
2017202887	NICHIA CORPORATION; SHINKO ELECTRIC INDUSTRIES CO., LTD.	2018262962	China Medical University
2017208711	Deakin University	2018264099	Bowen, S.N.
2017208959	The Climate Corporation	2018264592	Rheinmetall Waffe Munition GmbH
2017209284	Kansas State University Research Foundation	2018265094	CNH Industrial Belgium NV
2017209925	Janssen Sciences Ireland UC	2018271194	KT Corporation
2017209962	Teleflow SAS	2018273895	T-Mobile Usa, Inc.
2017210013	Unibind Limited	2018276638	FUJIFILM Toyama Chemical Co., Ltd.
2017213852	CinDome Pharma, Inc.	2018277981	FUJIFILM Toyama Chemical Co., Ltd.
2017216005	Bunge Loders Croklaan B.V.	2018277982	FUJIFILM Toyama Chemical Co., Ltd.
2017219414	Oorym Optics Ltd.	2018277983	Fujifilm Toyama Chemical Co., Ltd.
2017222593	Medos International Sarl	2018278929	Gen9, Inc.
2017227065	Vita Zahnfabrik H. Rauter GmbH & Co KG	2018280027	CONMED Corporation
2017229097	AgroFresh Inc.	2018282630	Honeywell International Inc.
2017229129	National Health Research Institutes	2018284627	The Yokohama Rubber Co., Ltd.
2017229839	CommScope, Inc. of North Carolina	2018286600	Microtech Medical Technologies Ltd.
2017230782	Syngenta Participations AG	2018286744	Rheinmetall Waffe Munition GmbH
2017231100	Chroma Australia Pty Limited	2018290768	Syzygy Plasmonics Inc.
2017234968	Medela Holding AG	2018295813	Qingdao Haier Joint Stock Co., Ltd
2017235467	Immatics Biotechnologies GmbH	2018295816	Qingdao Haier Joint Stock Co., Ltd
2017236069	Helmholtz Zentrum München - Deutsches Forschungszentrum Für Gesundheit Und Umwelt (GmbH)	2018295817	Qingdao Haier Joint Stock Co., Ltd
2017237457	Merz Pharma GmbH & Co. KGaA	2018295818	Qingdao Haier Joint Stock Co., Ltd
2017237795	Qualcomm Incorporated	2018298911	Sumitomo SHI FW Energia Oy
2017240040	Butterfly Network, Inc.	2018300129	SEB S.A.
2017246244	NewSouth Innovations Pty Limited; Hangzhou Cable Co Ltd	2018304056	Purple Innovation LLC
2017250756	Research Institute at Nationwide Children's Hospital	2018304128	Anteris Technologies Corporation
2017255578	Boehringer Ingelheim Animal Health USA Inc.	2018305900	Welltec A/S
2017259098	Stratton, D.; Brooke, R.	2018306750	Active Implants LLC
2017261926	Golden Renewable Energy, LLC	2018310477	Advanced New Technologies Co., Ltd.
2017264825	Ducentis Biotherapeutics Ltd.	2018312663	Luoyang Landglass Technology Co., Ltd.
2017275178	Kao Corporation	2018314652	Daimler AG
2017282719	Calix Ltd	2018318011	Hendrickson USA, L.L.C.
2017283713	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2018318092	F.N. Herstal, SA
2017301076	Staples, L.; MacMorran, D.	2018318699	Milwaukee Electric Tool Corporation
2017310240	The Climate Corporation	2018318854	Shell Internationale Research Maatschappij B.V.
2017329469	BASF SE	2018327187	Honda Motor Co., Ltd.
2017331312	Vetco Gray Scandinavia AS	2018334191	W. L. Gore & Associates, Inc.
2017355468	Bibas, C.	2018335590	Tesmec S.p.A.
2017362730	Nant Holdings IP, LLC	2018336887	Continental Automotive Systems, Inc.
2017368439	Ricoh Company, Ltd.	2018344416	Cilag GmbH International
2017395592	Huawei Technologies Co., Ltd.	2018345223	Komatsu Ltd.
2017396357	Lee, J.	2018346225	Sofec, Inc.
2017405100	Soil Steam International AS	2018349471	American Sterilizer Company
2017412833	Huawei Technologies Co., Ltd.	2018351990	Citrix Systems, Inc.
2017412844	NX Filtration Holding B.V.	2018355071	Wing Aviation LLC
2017419674	Outotec (Finland) Oy	2018357671	Ningbo Fotile Kitchen Ware Co., Ltd.
2017426557	Guangzhou Xaircraft Technology Co., Ltd.	2018364873	Komatsu Ltd.
2017436779	Huawei Technologies Co., Ltd.	2018365942	Gallium Enterprises Pty Ltd
2017436901	Hitachi, Ltd.	2018366410	Qingdao Haier Air Conditioner General Corp., Ltd.
2017441056	Colgate-Palmolive Company	2018368343	Forum US, Inc.
2018202398	HUNTSMAN P&A UK LIMITED	2018369869	miDiagnostics NV
2018205386	Mutualink, Inc.	2018370380	Healy, D.
2018209256	Konecranes Global Corporation	2018375468	Aptabio Therapeutics Inc.; Samjin Pharmaceutical Co., Ltd.
2018209574	Fujian Cosunter Pharmaceutical Co., Ltd.	2018377857	Rencool Pty Ltd
2018210015	Magic Leap, Inc.	2018378519	Huawei Technologies Co., Ltd.
2018218196	ExxonMobil Upstream Research Company	2018381187	Eli Lilly and Company
2018221110	CAFA Therapeutics Limited	2018382803	Green Gen Technologies
2018222574	LG Electronics Inc.	2018383597	Waymo LLC
2018224018	Rosemount Inc.	2018386360	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018227888	SMS Group GmbH	2018393346	Wei, T.; Huang, J.; Luo, J.; Liu, J.
2018230902	DeGodoi, J.	2018394311	Samsung Electronics Co., Ltd.
2018235754	Gilead Sciences, Inc.; The Regents of The University of California	2018394478	Daikin America, Inc.; Daikin Industries, Ltd.
2018238040	S.P.C.M. SA	2018401510	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
		2018411731	Agritechnology Pty Ltd; Ingredient Advisory Services Pty Ltd

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2018412370	China University of Mining and Technology	2019246766	Wright Medical Technology, Inc.
2018415732	Micro Motion, Inc.	2019246785	The Regents of the University of California
2018423092	Des-Case Corporation	2019246860	Illumina, Inc.
2019200319	Illumina, Inc.	2019250229	Dropbox, Inc.
2019200672	Rikco International, LLC	2019250239	IPC Research, LLC
2019200828	RA Pharmaceuticals, Inc.	2019250269	NuVasive, Inc.
2019200849	Windgap Medical, Inc	2019253777	Fisher & Paykel Healthcare Limited
2019200932	Dolby International AB	2019253847	Beijing 7Invensun Technology Co., Ltd.
2019201201	Astellas Institute for Regenerative Medicine	2019255248	Turntide Technologies Inc.
2019201317	S.P.M. Flow Control, Inc.	2019257415	YETI Coolers, LLC
2019201728	Juul Labs, Inc.	2019257416	YETI Coolers, LLC
2019201907	W. L. Gore & Associates, Inc.	2019261704	NELSON IRRIGATION CORPORATION
2019201924	Translate Bio, Inc.	2019261735	Accenture Global Solutions Limited
2019201988	Laboratoris Sanifit, S. L.	2019264569	MCBEAN, J.; NARENDRAN, K.
2019202198	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2019272447	Wing Aviation LLC
2019202292	Apple Inc.	2019273976	Japan Cash Machine Co., Ltd.
2019202304	Brien Holden Vision Institute	2019274489	Fenwal, Inc.
2019202566	The Boeing Company	2019276221	Henan Polytechnic University
2019202704	Bioasis Technologies Inc.	2019279901	CareFusion 303, Inc.
2019202805	Fastcap Systems Corporation	2019279939	BOE Technology Group Co., Ltd.; Chengdu BOE Opto-electronics Technology Co., Ltd.
2019202892	Face International Corporation	2019279968	BOE Technology Group Co., Ltd.
2019202968	Spectainer Pty Limited	2019279994	Sorrento Therapeutics, Inc.
2019203046	Sage Therapeutics, Inc.	2019284026	QINGDAO AGRICULTURAL UNIVERSITY
2019203055	Dam Buster IP Pty Ltd	2019284092	Suntory Holdings Limited
2019203098	Minerva Biotechnologies Corporation	2019289575	Indo Solutions Oy
2019203103	Ricoh Company, Limited	2019314201	Maplebear Inc. (DBA Instacart)
2019203150	Air Products and Chemicals, Inc.	2019326450	Motorola Solutions, Inc.
2019203355	Nemaska Lithium Inc.	2019327212	FLSmith A/S
2019203419	Boehringer Ingelheim Animal Health USA Inc.	2019340314	Intuit Inc.
2019203442	Albert Einstein College of Medicine, Inc.	2019347708	Citrix Systems, Inc.
2019203446	Nippon Telegraph and Telephone Corporation	2019367831	DraftKings, Inc.
2019203477	Verathon Inc.	2019375859	Dropbox, Inc.
2019203836	LG Electronics Inc.	2019390993	Samsung Electronics Co., Ltd.
2019203851	Advanced New Technologies Co., Ltd.	2020200022	The Regents of the University of California
2019204244	INCYTE CORPORATION	2020200043	CODAN Holding GmbH
2019204339	Weir Minerals Australia Ltd	2020200407	F. Hoffmann-La Roche AG
2019204467	PACCAR Inc	2020200551	LG Electronics Inc.
2019204491	Gilbarco, Inc.; Gilbarco S.r.l.	2020200556	LG Electronics Inc.
2019204615	ACCESS CLOSURE, INC.	2020200925	Taiwan Shan Yin International Co., Ltd.
2019204630	Wayne State University; Qurgen, Inc.	2020201239	Dolby International AB
2019204633	NIKE Innovate C.V.	2020201368	British American Tobacco (Investments) Limited
2019204700	Anhui Uistone Green Material Hi-Tec Co., Ltd.	2020201559	THE CLIMATE CORPORATION
2019204822	Schneider Electric USA, Inc.	2020201570	Dolby International AB
2019204988	Accenture Global Solutions Limited	2020201584	Apple Inc.
2019205433	Composecure, LLC	2020201591	ViaSat, Inc.
2019205881	Institute for Basic Science; Korea Advanced Institute of Science and Technology	2020201704	THE LUBRIZOL CORPORATION
2019205884	Institute for Basic Science; Korea Advanced Institute of Science and Technology	2020201969	Apple Inc.
2019205998	Dolby International AB	2020201991	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2019206079	Kustom Signals, Inc.	2020202080	NZ Tube Mills Limited
2019206508	Hendrickson USA, L.L.C.	2020202130	Maintech Co., Ltd.
2019206987	101288550 Saskatchewan Ltd.	2020202596	McIntosh, J.
2019208182	Konami Gaming, Inc.	2020203278	Chill Gaming Pty Ltd
2019210383	Chengdu Lv Li Environmental Protection Technology Co. Ltd	2020203520	C. R. Bard, Inc.
2019210566	The Chamberlain Group, Inc.	2020203586	British American Tobacco (Investments) Limited
2019213306	ULTRADENT PRODUCTS, INC.	2020203659	Doherty, A.
2019213322	NIKE Innovate C.V.	2020204250	MabPlex International, Ltd.
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2019213448	Epona Biotech Ltd	2020204624	Nantong University
2019214086	Ningbo Fotile Kitchen Ware Co., Ltd.	2020213273	Bionime Corporation
2019214510	Tokamak Energy Ltd	2020223637	Immatics Biotechnologies GmbH
2019216714	Advanced Accelerator Applications International SA	2020223638	Immatics Biotechnologies GmbH
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2019217369	Becton, Dickinson and Company	2020267188	Fenwal, Inc.
2019220713	Wing Aviation LLC	2020277195	Nantong University
2019222840	Apple Inc.	2020312430	Chemvet Australia Pty Ltd
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<u>A01N 25 /-</u>	<u>A23L 3 /-</u>	2019200672	2016362943	<u>A61J 9 /-</u>	2017264825
2017282719	2016322709	<u>A43C 15 /-</u>	2017208711	2019204630	2019200828
2019203419	<u>A23L 33 /-</u>	2018230902	<u>A61B 5 /-</u>	2019250239	2019201924
<u>A01N 27 /-</u>	2016322709	<u>A43D 1 /-</u>	2015352180	2020277195	2019204630
2017229097	2017209284	<u>A43D 1 /-</u>	2016273997	<u>A61K 31 /-</u>	2015279643
<u>A01N 41 /-</u>	<u>A23L 35 /-</u>	2018230902	2016282495	2014369850	2015279643
2017229097	2016353481	<u>A43D 1 /-</u>	2016362943	2015280248	2015293633
<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	<u>A43D 1 /-</u>	2018286600	2015343199	2015301460
2016334734	2016353481	<u>A43D 1 /-</u>	2019217369	2015343221	2016239318
2017230782	<u>A23P 30 /-</u>	<u>A43D 1 /-</u>	2019250269	2015350108	2017362730
<u>A01N 59 /-</u>	2016322709	<u>A43D 1 /-</u>	2020213273	2015372438	2018221110
2017282719	<u>A24B 15 /-</u>	<u>A43D 1 /-</u>	<u>A61B 6 /-</u>	2016229949	2018262962
2017301076	2020203586	<u>A43D 1 /-</u>	2016269337	2016236606	2019203442
<u>A01P 3 /-</u>	<u>A24B 3 /-</u>	<u>A43D 1 /-</u>	2016319125	2016239318	2020223637
2016334734	2020203586	<u>A43D 1 /-</u>	2016323612	2016252237	2020223638
		<u>A43D 1 /-</u>	2016330503	<u>A61B 8 /-</u>	<u>A61K 45 /-</u>
		<u>A43D 1 /-</u>	2016334396	2016290962	2019204630
		<u>A43D 1 /-</u>	2016357927	2017240040	<u>A61K 47 /-</u>
		<u>A43D 1 /-</u>	2016367147	<u>A61C 13 /-</u>	2015311951
		<u>A43D 1 /-</u>	2017209925	2016277870	2016269337
		<u>A43D 1 /-</u>	2017213852	2017227065	2017237457
		<u>A43D 1 /-</u>	2017229129	2019213306	2020312430
		<u>A43D 1 /-</u>	2017237457	<u>A61C 8 /-</u>	<u>A61K 48 /-</u>
		<u>A43D 1 /-</u>	2018235754	2018277981	2016239318
		<u>A43D 1 /-</u>	2018262962	2018277982	2017250756
		<u>A43D 1 /-</u>	2018276638	2018277983	2017362730
		<u>A43D 1 /-</u>	2018277981	2018375468	2019203442
		<u>A43D 1 /-</u>	2018277982	2019201924	2019246785
		<u>A43D 1 /-</u>	2018277983		
		<u>A43D 1 /-</u>	2019201924		

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<u>A61K 51 /-</u>	<u>A61M 35 /-</u>	<u>A61P 29 /-</u>	<u>B01D 5 /-</u>	<u>B09C 1 /-</u>	<u>B29C 64 /-</u>
2015255622	2019279994	2015372438	2019203150	2020203659	2017368439
2015279643	<u>A61M 37 /-</u>	2016252237			<u>B32B 15 /-</u>
2016223475	2015302928	2016323612	<u>B01D 53 /-</u>	<u>B23B 37 /-</u>	2019222840
2019216714	2019279994	2016330503	2018423092	2019202566	<u>B32B 27 /-</u>
<u>A61K 6 /-</u>	<u>A61M 39 /-</u>	<u>A61P 3 /-</u>	<u>B01D 61 /-</u>	<u>B23B 45 /-</u>	2019202566
2017227065	2018249538	2016236606	2017412844	2018318699	<u>B32B 3 /-</u>
<u>A61K 8 /-</u>	2019279901	2019201988	2019203355	<u>B23B 47 /-</u>	2019222840
2017441056	2020200043	2019204630	<u>B01D 67 /-</u>	2018318699	<u>B32B 38 /-</u>
<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	<u>A61P 31 /-</u>	2016420032	<u>B23D 15 /-</u>	2019202566
2015343199	2015327748	2015280248	2017412844	2018286744	<u>B32B 7 /-</u>
2015350108	2016384693	2016357927	<u>B01D 69 /-</u>	<u>B23K 20 /-</u>	2019202892
2015358490	2018249538	2017209925	2016420032	2019202805	<u>B33Y 50 /-</u>
2016239318	2018381187	2018235754	2017412844	<u>B23K 26 /-</u>	2017368439
2016269337	2019200849	<u>A61P 33 /-</u>	<u>B01D 71 /-</u>	2017355468	<u>B41M 5 /-</u>
2016324310	2020203520	2019203419	2017412844	2019202805	2017255578
2019201988	<u>A61N 1 /-</u>	<u>A61P 35 /-</u>	<u>B01J 21 /-</u>	<u>B23K 9 /-</u>	<u>B42C 5 /-</u>
2020277195	2016265904	2015255622	2018290768	2019202805	2017210013
<u>A61L 2 /-</u>	2016273997	2015301460	<u>B01J 31 /-</u>	<u>B25F 5 /-</u>	<u>B60C 23 /-</u>
2017282719	2019250269	2015301753	2019205881	2019202198	2017209962
2018253547	<u>A61N 5 /-</u>	2015350108	<u>B01J 35 /-</u>	<u>B25G 1 /-</u>	<u>B60D 1 /-</u>
2018349471	2015255622	2016239318	2018290768	2019229396	2018336887
<u>A61L 27 /-</u>	<u>A61P 1 /-</u>	2016323612	<u>B01J 37 /-</u>	<u>B25G 3 /-</u>	<u>B60G 11 /-</u>
2017237457	2015353425	2016328461	2018290768	2019229396	2016202202
<u>A61L 31 /-</u>	2016236606	2016367147	<u>B01J 37 /-</u>	<u>B25J 11 /-</u>	2018318011
2016339033	2016236606	2018221110	2018290768	2020200551	2020202596
2019204615	2017213852	2018262962	<u>B01J 37 /-</u>	<u>B25J 13 /-</u>	<u>B60G 5 /-</u>
<u>A61M 1 /-</u>	2019204630	2019204630	2018290768	2019273976	2016202202
2016299438	2019204630	2019250239	<u>B02C 18 /-</u>	<u>B25J 19 /-</u>	2016202202
2017234968	<u>A61P 17 /-</u>	<u>A61P 9 /-</u>	2017396357	2020200551	2018318011
2019274489	2016236606	2019204630	<u>B04B 5 /-</u>	<u>B25J 9 /-</u>	2019206508
2020267188	2015372438	2019250239	2017396357	2020200551	<u>B60G 9 /-</u>
<u>A61M 11 /-</u>	2019204630	<u>A61Q 11 /-</u>	<u>B04B 7 /-</u>	<u>B25J 13 /-</u>	2016202202
2019229369	<u>A61P 19 /-</u>	2017441056	2019204339	2019273976	2016202202
<u>A61M 13 /-</u>	2015372438	<u>A63B 69 /-</u>	<u>B05B 1 /-</u>	<u>B25J 19 /-</u>	2016202202
2015302928	2019204630	2019289575	2019261704	2020200551	2018318011
<u>A61M 15 /-</u>	2019240646	<u>A63C 17 /-</u>	<u>B05B 15 /-</u>	<u>B25J 9 /-</u>	2019206508
2019229369	<u>A61P 25 /-</u>	2019289575	2019261704	2020200551	<u>B60G 9 /-</u>
<u>A61M 16 /-</u>	2016229949	<u>A63F 13 /-</u>	<u>B05B 3 /-</u>	<u>B28B 1 /-</u>	2018318011
2019229369	2016252237	2015389150	2019261704	2019204700	<u>B60H 3 /-</u>
2019253777	2016269337	2020203278	<u>B05D 1 /-</u>	<u>B29C 53 /-</u>	2018314652
<u>A61M 25 /-</u>	2018276638	<u>B01D 17 /-</u>	2019261704	2019202566	<u>B60L 53 /-</u>
2016282495	2018277981	2016283127	<u>B05D 7 /-</u>	<u>B29C 63 /-</u>	2018393346
2018304128	2018277982	<u>B01D 19 /-</u>	2016256168	2019202566	<u>B60Q 7 /-</u>
<u>A61M 31 /-</u>	2018277983	2019203150	2016256168	2019202566	2016354673
2020203520	2019203046	<u>B01D 46 /-</u>	2018304056		
	2019204630	2018314652			
	2020277195				
	<u>A61P 27 /-</u>				
	2019201201				

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<u>B60R 9/-</u>		<u>C01F 5/-</u>		<u>C07D 265/-</u>	<u>C07D 495/-</u>
2018370380	<u>B64D 17/-</u>	2017282719	<u>C07C 229/-</u>	2016324310	2017209925
<u>B60S 3/-</u>	2018286744	<u>C01G 23/-</u>	2016324310	<u>C07D 271/-</u>	<u>C07F 15/-</u>
2016312492	<u>B64F 1/-</u>	2018202398	2016334396	2016324310	2019205881
<u>B61B 13/-</u>	2019272447	<u>C02F 1/-</u>	<u>C07C 237/-</u>	<u>C07D 273/-</u>	2019205884
2015286189	<u>B65B 11/-</u>	2016251944	2016324310	2019205884	<u>C07F 9/-</u>
<u>B61L 25/-</u>	2016203558	2016267782	<u>C07C 271/-</u>	<u>C07D 277/-</u>	2016316712
2015286189	<u>B65D 23/-</u>	2016283127	2016324310	2016324310	<u>C07H 19/-</u>
<u>B61L 27/-</u>	2018382803	2017412844	<u>C07C 279/-</u>	2017229129	2018375468
2015264896	<u>B65D 77/-</u>	2020203659	2016324310	<u>C07D 303/-</u>	<u>C07H 3/-</u>
2015286189	2018382803	<u>C02F 101/-</u>	<u>C07C 309/-</u>	2016245315	2015315110
<u>B62B 3/-</u>	<u>B65D 81/-</u>	2020203659	2018238040	<u>C07D 307/-</u>	<u>C07J 31/-</u>
2018209256	2019257415	<u>C02F 103/-</u>	<u>C07C 311/-</u>	2016245315	2019203046
<u>B62D 13/-</u>	2019257416	<u>C03B 27/-</u>	2016324310	<u>C07D 317/-</u>	<u>C07J 43/-</u>
2018336887	<u>B65D 85/-</u>	2018312663	<u>C07C 321/-</u>	2017329469	2019203046
<u>B62D 61/-</u>	2018209256	<u>C03C 4/-</u>	2016324310	<u>C07D 401/-</u>	<u>C07J 5/-</u>
2018209256	<u>B65D 88/-</u>	2017227065	<u>C07C 67/-</u>	2016319125	2019203046
<u>B62D 63/-</u>	2018209256	<u>C03C 6/-</u>	2016245315	2017213852	<u>C07J 7/-</u>
2016202202	2019202968	2019210383	<u>C07C 69/-</u>	2019204244	2019203046
<u>B62K 15/-</u>	<u>B65G 1/-</u>	<u>C04B 111/-</u>	2016245315	<u>C07D 403/-</u>	<u>C07K 1/-</u>
2016322010	2016214108	2017227065	<u>C07D 207/-</u>	2016319125	2016231646
<u>B62K 3/-</u>	<u>B65G 15/-</u>	<u>C04B 16/-</u>	2016324310	2016323612	<u>C07K 14/-</u>
2016322010	2018284627	2015353002	<u>C07D 209/-</u>	2017209925	2015276929
2019289575	<u>B65G 43/-</u>	<u>C04B 18/-</u>	2019205881	<u>C07D 413/-</u>	2015293633
<u>B62M 17/-</u>	2015286189	2019210383	2019205884	2016323612	2015301460
2016330260	<u>B65G 61/-</u>	<u>C04B 2/-</u>	<u>C07D 211/-</u>	2019204244	2015317521
<u>B63B 21/-</u>	2018364873	2017282719	2019204244	<u>C07D 417/-</u>	2016341400
2018346225	<u>B66C 1/-</u>	<u>C04B 20/-</u>	<u>C07D 213/-</u>	2016319125	2016363025
<u>B63B 32/-</u>	2019272447	2015353002	2016347483	2017235467	2017236069
2018264099	<u>B66C 19/-</u>	2019210383	<u>C07D 215/-</u>	2017250756	2017264825
<u>B63B 35/-</u>	2018209256	<u>C04B 35/-</u>	2017230782	2017362730	2019202704
2018346225	<u>C01B 32/-</u>	2017227065	<u>C07D 233/-</u>	2019246785	2019250239
<u>B63C 11/-</u>	2017282719	<u>C04B 38/-</u>	2016324310	2020223637	2020223638
2018247991	<u>C01D 15/-</u>	2017227065	<u>C07D 245/-</u>	<u>C07D 471/-</u>	<u>C07K 16/-</u>
<u>B64C 39/-</u>	2017419674	<u>C04B 41/-</u>	2016357927	2016367147	2015289054
2017426557	2019203355	2017227065	<u>C07D 249/-</u>	2017209925	2015301460
2019220713	<u>C01D 7/-</u>	<u>C07B 53/-</u>	2016324310	2018209574	2015326891
2019272447	2017419674	2016316712	<u>C07D 263/-</u>	2020200407	2018221110
<u>B64D 1/-</u>	<u>C01F 11/-</u>	<u>C07B 59/-</u>	2016324310	<u>C07D 487/-</u>	2018344416
2019220713	2017282719	2016347483	2016324310	2016323612	2019246785
2019272447		2019216714		2017209925	<u>C07K 19/-</u>
				<u>C07D 491/-</u>	2018221110
				2016323612	<u>C07K 2/-</u>

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2019200828	C10N 50 /-	2018278929	D06F 71 /-	2018295817	2018377857
C07K 4 /-	2020201704	C12P 21 /-	2019203836	E06B 7 /-	F04B 53 /-
2019200828	C11C 3 /-	2016378641	D06F 73 /-	2016204260	2018377857
C07K 5 /-	2017216005	C12Q 1 /-	2019203836	E21B 10 /-	2019201317
2019200828	C11D 1 /-	2014351800	D06M 10 /-	2019276221	F04D 19 /-
C07K 7 /-	2017275178	2014412513	2015353002	E21B 19 /-	2017331312
2019200828	C11D 17 /-	2015271641	D06M 11 /-	2016226645	F04D 25 /-
C08B 37 /-	2016389261	2015279621	2015353002	E21B 31 /-	2017331312
2017237457	C11D 7 /-	2015345073	D06M 13 /-	2018305900	F16B 2 /-
C08G 77 /-	2016389261	2015346514	2015353002	E21B 33 /-	2020202080
2016354296	C12M 1 /-	2016350734	D21F 1 /-	2015415427	F16B 25 /-
2016354298	2016350734	2018253505	2019217354	E21B 43 /-	2020200925
C08J 3 /-	2018349471	2018278929	D21H 21 /-	2018368343	F16B 35 /-
2017237457	C12N 1 /-	2019200319	2020202130	2018412370	2020200925
C08L 101 /-	2015315110	C12R 1 /-	E01D 21 /-	2020203659	F16H 61 /-
2015402333	2015317521	2014412513	2015268715	E21B 47 /-	2018335590
C08L 5 /-	2015345073	2016378641	E01F 9 /-	2015415427	F16K 11 /-
2017237457	C12N 15 /-	C22B 1 /-	2016354673	E21B 49 /-	2017209962
C09D 133 /-	2014369850	2018227888	E01H 5 /-	2015415427	F16K 31 /-
2017231100	2015276929	2019203355	2018327187	E21B 7 /-	2017209962
C09D 183 /-	2015324935	C22B 25 /-	E02F 3 /-	2018412370	F16L 27 /-
2016354296	2015326891	2015347357	2017202252	2020203659	2018222574
2016354298	2015346514	C22B 26 /-	E02F 5 /-	E21C 35 /-	F16L 55 /-
C09D 5 /-	2016341400	2017419674	2017202252	2015380665	2018222574
2017231100	2016378641	2018227888	E02F 9 /-	E21D 3 /-	F17C 13 /-
C09K 11 /-	2017235467	2019203355	2017202252	2016226645	2016373415
2016373767	2017236069	2019327212	E02F 9 /-	F01M 13 /-	F21S 4 /-
C09K 8 /-	2017264825	C22B 7 /-	2017202252	2018327187	2016357508
2016330023	2018221110	2015347357	E04C 5 /-	F01P 5 /-	F21V 19 /-
2018318854	2018278929	C22B 9 /-	2015353002	2019204467	2016357508
C10B 57 /-	2018375468	2015347357	E04D 13 /-	F01P 7 /-	F21V 29 /-
2017396357	2019284026	C25B 1 /-	2019203055	2019204467	2016357508
C10G 5 /-	2015279643	2018227888	E04G 21 /-	F02M 35 /-	F21V 7 /-
2019203150	2015300020	C25C 1 /-	2016297775	2018327187	2017355468
C10L 3 /-	2017362730	C25C 7 /-	E04H 17 /-	F03D 7 /-	F21V 8 /-
2019203150	2019203098	2016262164	2020202080	2018386360	2017219414
C10M 141 /-	2019204630	2019203355	E05B 65 /-	F04B 35 /-	F21V 99 /-
2020201704	2019246785	D03D 1 /-	2019273976	2018377857	2017202887
C10N 30 /-	2020277195	D03D 15 /-	E05D 3 /-	F04B 39 /-	
2020201704	C12N 9 /-	2018284627		2017234968	
	2015276929	2018284627			
	2015293633	D03D 15 /-			
	2016231646	2018284627			
	C12N 9 /-	D03D 15 /-			
	2015345073	2018284627			
	C12P 19 /-				
	2015315110				

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F22B 1 /-		2014412513	2019261735	2019272447	
2016253382	F41G 11 /-	2015271641		2019314201	G09F 9 /-
	2018318092	2015279621	G06F 13 /-		2019279939
F22B 31 /-		2019203098	2019203446	G06Q 20 /-	2019279968
2018298911	F42B 10 /-	2019213448		2019204491	
	2018286744	2019284026	G06F 15 /-	G06Q 30 /-	G10L 19 /-
F22B 35 /-			2016299874		2015326856
2016253382	F42B 12 /-	2014412789	2019213379	2019340314	2019205998
	2015402333	G01P 15 /-		G06Q 40 /-	2020201239
F22B 37 /-		G01R 19 /-	G06F 16 /-		G10L 21 /-
2018298911	F42B 14 /-	2019204822	2019204988	2019204988	2015326856
	2018264592		2019250229	G06Q 50 /-	2020201239
F23D 14 /-		G01R 21 /-	2019375859		
2016214506	F42B 3 /-	2019204822	G06F 17 /-	2017208959	G16B 30 /-
	2018286744		2017208959	2017310240	2015279546
F24C 15 /-	F42B 8 /-	2018383597	2019206079	2018364873	2020200022
2018357671			2020201559	2019204822	
2019214086	2015402333	G02B 27 /-		G06T 1 /-	G16B 45 /-
		G02B 7 /-	2017219414	2019253847	2015279546
F24F 11 /-	F42C 7 /-		2016402550		
2018366410	2018286744	G02B 5 /-	2019203446	G06T 15 /-	G21B 1 /-
			2019203851	2018210015	2019214510
F25B 41 /-	G01B 7 /-	2019202892	2019204491		
2016200078	2018336887	G02B 6 /-		G06T 17 /-	G21K 1 /-
			G06F 3 /-	2015234395	2019214510
F25D 11 /-	G01C 11 /-	2017229839	2016280617		
2018295817	2015234395		2016299874	G06T 7 /-	H01B 1 /-
		G02C 7 /-	2019253847	2015234395	2017246244
F25D 23 /-	G01C 21 /-	2019202304	2019367831	2018210015	
2018295813	2018393346			2019314201	H01B 13 /-
2018295816		G02F 1 /-	2016299874		2017246244
2018295818	G01C 22 /-	2018378519	2017201927	G07D 11 /-	
	2014412789	G03G 15 /-	2019340314	2019273976	H01B 7 /-
F25J 1 /-			2019347708		2015416536
2016218602	G01C 3 /-	2019203103		G07F 17 /-	2018394478
2017261926	2015234395	G05B 19 /-	2016214108	2019208182	
2018218196			2019205433	G08B 19 /-	H01F 19 /-
	G01F 13 /-	2017368439	2019222840		2016358949
F25J 3 /-		G05B 23 /-		2019222843	
2016218602	2015327748		G06K 9 /-		H01F 27 /-
		2018282630	2015317344	G08B 21 /-	2016358949
F26B 21 /-	G01J 5 /-		2016259336	2019204822	2019214510
2017396357	2015352180	G05B 99 /-	2017436779		
	2016324071		2017436901	G08B 25 /-	H01F 6 /-
F26B 3 /-		2019210566	2019208182		2019214510
2017396357	G01K 1 /-		2019314201	2017436901	
	2018224018	G05D 1 /-		G08C 23 /-	H01G 9 /-
F27B 7 /-		2016214108	G06N 20 /-		2016358949
2016324071	G01K 7 /-	2016354673	2019261735	2018357671	2019202805
	2018224018	2018383597	2019340314		
F28D 21 /-		2020200551		G08G 1 /-	H01H 83 /-
2017261926	G01N 15 /-	G05D 23 /-	G06N 3 /-	2016354673	2017200005
	2018369869		2017310240	2020201991	
F28D 7 /-		2018312663	2019314201	G09B 23 /-	H01L 21 /-
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	2019246860		G06Q 10 /-	2017208711	
F41G 1 /-		2017436779		G09B 7 /-	H01L 31 /-
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Applications Accepted - IPC Index cont'd

<u>H01L 33 /-</u>	<u>H02M 7 /-</u>	<u>H04N 19 /-</u>
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<u>H01L 41 /-</u>	<u>H02N 2 /-</u>	2019200932
2017240040	2017240040	2020201584
<u>H01M 10 /-</u>	<u>H02P 25 /-</u>	<u>H04N 21 /-</u>
2015258219	2019255248	2016243560
2019202198	<u>H03B 11 /-</u>	2019367831
<u>H01M 4 /-</u>	2016358949	<u>H04N 7 /-</u>
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<u>H01M 50 /-</u>	2020201570	2018205386
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<u>H01Q 1 /-</u>	2016358949	2019205998
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2018383597	2020201591	2018273895
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2019390993	2018394311	2018273895
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<u>H02G 1 /-</u>	2019347708	2015342728
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<u>H02J 7 /-</u>	2017237795	<u>H05K 3 /-</u>
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<u>H02K 1 /-</u>	<u>H04M 3 /-</u>	
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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) Glasson, S.
 (11) AU-B-2020101846
 (21) 2020101846 (22) 16.08.2020
 (54) Aloe Vera Nappy Spray
 (51) Int. Cl.
 A61K 8/9794 (2017.01)
 A61K 8/34 (2006.01)
 A61K 8/368 (2006.01)
 A61K 8/49 (2006.01)
 A61K 8/9783 (2017.01)
 A61P 17/16 (2006.01)
 A61Q 17/00 (2006.01)
 A61Q 19/10 (2006.01)
 (45) 08.04.2021
 (72) Glasson, Siona
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- (71) Illinois Tool Works Inc.
 (11) AU-B-2020100863
 (21) 2020100863 (22) 27.05.2020
 (54) Connection of structural components in a building structure
 (51) Int. Cl.
 E04B 9/12 (2006.01)
 E04B 1/26 (2006.01)
 E04B 7/04 (2006.01)
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 E04C 3/12 (2006.01)
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 (45) 08.04.2021
 (62) 2016268249,2017221792
 (72) Kennelly, Bernard Joseph
 (74) Davies Collison Cave Pty Ltd
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- (71) MGW Engineering Pty Ltd
 (11) AU-B-2020103962
 (21) 2020103962 (22) 08.12.2020
 (54) Mining apparatus
 (51) Int. Cl.
 E21C 41/16 (2006.01)
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 (62) PCT/AU2020/050482
 (72) LANSER, Benjamin Jacob; BELL, Ronald Thomas
 (74) FB Rice Pty Ltd
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 (11) AU-B-2020101449
 (21) 2020101449 (22) 22.07.2020
 (54) Improved Connector
 (51) Int. Cl.
 E04B 1/41 (2006.01)
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 (45) 08.04.2021
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 (72) Rogers, Lance
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- (71) Seed Terminator Holdings Pty Ltd
 (11) AU-B-2020100695
 (21) 2020100695 (22) 04.05.2020
 (54) A MILL FOR DEVITALISING WEED SEEDS
 (51) Int. Cl.
 A01F 12/44 (2006.01)
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 (45) 08.04.2021
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 (72) BERRY, Nicholas Kane
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- (71) SYNC Innovations Pty Ltd
 (11) AU-B-2020104306
 (21) 2020104306 (22) 24.12.2020
 (54) METHOD FOR ENHANCING ASSISTED BREEDING TECHNIQUES
 (51) Int. Cl.
 A61D 19/02 (2006.01)
 A01K 21/00 (2006.01)
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 (62) PCT/AU2019/000117
 (72) Mawson, Bronte; Pipkorn, David
 (74) Madderns Pty Ltd
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- (71) VANADIA PTY LTD
 (11) AU-B-2020100276
 (21) 2020100276 (22) 25.02.2020
 (54) This is an extraction process which maximises resource utilisation by pre-concentrating vanadium oxides from overburden above a metal deposit and from vanadium - bearing iron ore deposits.
 (51) Int. Cl.
 C22B 34/22 (2006.01)
 C01G 31/02 (2006.01)
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 (72) Edser, Garry Alexander; Paynter, Greg Thomas; Starr, Kristine Jayne
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E04B 7 /-

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E04B 9 /-

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E04C 3 /-

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E21C 41 /-

2020103962

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2019202072 **Kimberley Plastics Pty Ltd** (Acol Skylights & Roof Windows Pty Ltd)

Patents Granted

Standard Patents

2014278730	2014284298	2014296059	2014315135
2014335893	2014338910	2014343357	2014358861
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2021100225	2021100226	2021100227	2021100228
2021100229	2021100230		

Revocation

It is hereby notified that as a consequence of a court order dated 22.12.2020 by the Federal Court of Victoria in proceedings number VID1408/2016 , Patent 2003252764 in the name of **Axent Holdings Pty Ltd** has been revoked in relation to Australian Patent No. 2003252764 revoked in accordance with Orders made by Justice Kenny on 22 December 2020 .

Assignments Registered

2003228722 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2003240493 Titan Pharmaceuticals, Inc. The patent has been assigned to **L. Molteni & C. Dei Fratelli Alitti Societa' Di Esercizio S.p.A.**

Assignments Registered

- 2005203930 Novo Nordisk A/S The patent has been assigned to **VTV THERAPEUTICS LLC**
- 2005298344 Celonova Biosciences Germany GmbH The patent has been assigned to **Varian Medical Systems, Inc.**
- 2007226871 Stellar Materials, Inc. The patent has been assigned to **Stellar Materials, LLC**
- 2008212011 Titan Pharmaceuticals, Inc. The patent has been assigned to **L. Molteni & C. Dei Fratelli Alitti Societa' Di Esercizio S.p.A.**
- 2008353332 Newdeal The patent has been assigned to **Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited**
- 2009217430 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2010210021 Omnia Specialities NZ Limited The patent has been assigned to **Omnia Specialities (Australia) Pty Limited**
- 2010212292 Omnia Specialities NZ Limited The patent has been assigned to **Omnia Specialities (Australia) Pty Limited**
- 2010227018 Merdel Building & Renovations Pty Ltd The patent has been assigned to **NICKI-LEE HOLDINGS Pty Ltd**
- 2010297357 Sanofi The patent has been assigned to **Sanofi-Aventis Deutschland GmbH**
- 2011251660 Park Assist LLC. The patent has been assigned to **TKH Security LLC**
- 2011291058 PROMETHERA BIOSCIENCES SA The patent has been assigned to **Promethera Therapeutics SA**
- 2012267559 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2012327529 Adensis GmbH The patent has been assigned to **Jurchen Group GmbH**
- 2013225816 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2013250712 Nutrinia Ltd. The patent has been assigned to **Nexmog Ltd**
- 2013257516 SANOFI The patent has been assigned to **Sanofi-Aventis Deutschland GmbH**
- 2013329889 Lipocalyx GmbH The patent has been assigned to **BioNTech Delivery Technologies GmbH**
- 2014205441 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2014209178 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2014268316 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**
- 2014359508 Adolf Wurth GmbH & Co.KG The patent has been assigned to **Würth International AG**
- 2014374436 Axess Direct, Inc. The patent has been assigned to **Cozy Comfort, LLC**
- 2015101825 Hemara, Api The patent has been assigned to **Power Ingenuity Pty Ltd**

Assignments Registered

- 2015353395 Majorcure Corporation Proprietary Limited The patent has been assigned to **MOUTON, Jacobus; MOUTON, Hendrika; MOUTON, Arnold; MARX, Shawn**
- 2015358616 V-Glass LLC The patent has been assigned to **V-Glass, Inc.**
- 2016256790 Park Assist LLC. The patent has been assigned to **TKH Security LLC**
- 2017353896 Quick Fitting, Inc. The patent has been assigned to **Quick Fitting Holding Company, LLC**
- 2019100935 Ltech Australia Pty Ltd The patent has been assigned to **Securecerts Pty Ltd**
- 2020100620 OZDOCS INTERNATIONAL PTY LTD The patent has been assigned to **Securecerts Pty Ltd**
- 2020103975 Superior Frameless Glass Hardware Pty Ltd The patent has been assigned to **The One Glass & Hardware Pty Ltd**

Corrigenda

- In Vol 35 , No 12 , Page(s) 1864 under the heading **Innovation Patents Filed - Name Index** Under the name Jiangsu Southeast Plant Protection Co., Ltd.; Tingting Lin, Application No. 2021101331, under INID (54) correct the title to read Lifting type smashing dryer for pesticide processing production
- In Vol 35 , No 13 , Page(s) 2062 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name F. Hoffmann-La Roche AG, Application No. 2019339740, Under INID (72) correct co-inventor RAVURI, Satya Krishna Kishore
- 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 2020102988.
- In Vol 35 , No 8 , Page(s) 1184 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Chugai Seiyaku Kabushiki Kaisha, Application No. 2019318031, Under INID (72) remove co-inventor TAMBA, Shigero

SECTION 105 PATENTS ACT 1990 (Cth)

Advertisement for publication in the Official Journal pursuant to Rule 34.41 of the Federal Court Rules 2011 (Cth)

PATENT DETAILS

Australian Patent Number **2015261694** in the name of Stratus Medical, LLC, titled 'Methods and systems for spinal radio frequency neurotomy'.

IDENTITY OF PROCEEDING IN WHICH APPLICATION WILL BE MADE (Rule 34.41(1)(a))

Federal Court of Australia Proceeding No. NSD438 of 2019.

PARTIES TO THE PROCEEDING (Rule 34.41(1)(a))

Stratus Medical LLC (Applicant and Cross-Respondent)
Diros Technology Inc (First Respondent and Cross-Claimant)
M Medical Pty Ltd (ACN 625 734 634) (Second Respondent).

PARTICULARS OF PROPOSED AMENDMENT (Rule 34.41(1)(b))

The patentee, Stratus Medical, LLC, proposes to apply for an order under section 105(1) of the *Patents Act 1990* (Cth), and in accordance with rule 34.41 of the *Federal Court Rules 2011* (Cth), for a direction that Australian Patent No. 2015261694 be amended. The particulars of the amendment sought are:

1 In claim 1, on page 47, replace "ablation" with "neurotomy".

APPLICANT'S (PATENTEE'S) ADDRESS FOR SERVICE (Rule 34.41(1)(c))

Allens
Level 33, 101 Collins Street
Melbourne VIC 3000

Email: Sarah.Matheson@allens.com.au

OPPOSITION (Rule 34.41(1)(d))

Any person intending to oppose the application not being a party to the proceeding must, not later than 28 days after publication of this advertisement, give written notice of that intention to each of the Commissioner of Patents, Stratus Medical, LLC at the above address for service, Diros Technology Inc at Konstantine Darnos & Associates, Suite 3, 1221-1223 Toorak Road, Camberwell VIC 3124 (Attention: Peter Darnos), and M Medical Pty Ltd (ACN 625 734 634) (in liquidation) at Suite 601B, Level 6, 91 Phillip Street, Parramatta NSW 2150 (Attention: George Talevski).

CLAIMS

1. A radiofrequency ~~ablation~~neurotomy system including:
- 5 a first hub;
- a needle body fixed to the first hub and having a proximal end and a distal end, the distal end of the needle body including a tip configured to pierce body tissue;
- a filament within at least a portion of the needle body;
- a second hub coupled to the filament;
- 10 an actuator coupled to the second hub and rotatable relative to the first hub, wherein rotation of the actuator in a first direction relative to the first hub moves the second hub axially relative to the first hub to advance the filament to a deployed position relative to the tip, and wherein rotation of the actuator in a second direction relative to the first hub that is opposite the first direction moves the second hub axially
- 15 relative to the first hub to retract the filament to a retracted position relative to the tip; and
- a lumen within the needle body, the lumen being configured to accept a radiofrequency probe such that the tip and the filament, together with the radiofrequency probe when accepted within the lumen, form a monopolar
- 20 radiofrequency electrode.
2. The system of claim 1, wherein an inner surface of the actuator includes a helical track or a helical thread that causes axial movement of the second hub as the actuator is rotated.
- 25 3. The system of claim 1 or claim 2, wherein rotation of the actuator relative to the first hub creates linear motion of the second hub relative to the first hub without transmitting rotational motion to the second hub.
4. The system of any one of claims 1 to 3, wherein the second hub comprises a key slot, wherein the first hub comprises a mating key, and wherein the key slot and the

CLAIMS

1. A radiofrequency neurotomy system including:
- 5 a first hub;
- a needle body fixed to the first hub and having a proximal end and a distal end, the distal end of the needle body including a tip configured to pierce body tissue;
- a filament within at least a portion of the needle body;
- a second hub coupled to the filament;
- 10 an actuator coupled to the second hub and rotatable relative to the first hub, wherein rotation of the actuator in a first direction relative to the first hub moves the second hub axially relative to the first hub to advance the filament to a deployed position relative to the tip, and wherein rotation of the actuator in a second direction relative to the first hub that is opposite the first direction moves the second hub axially
- 15 relative to the first hub to retract the filament to a retracted position relative to the tip; and
- a lumen within the needle body, the lumen being configured to accept a radiofrequency probe such that the tip and the filament, together with the radiofrequency probe when accepted within the lumen, form a monopolar
- 20 radiofrequency electrode.
2. The system of claim 1, wherein an inner surface of the actuator includes a helical track or a helical thread that causes axial movement of the second hub as the actuator is rotated.
- 25 3. The system of claim 1 or claim 2, wherein rotation of the actuator relative to the first hub creates linear motion of the second hub relative to the first hub without transmitting rotational motion to the second hub.
4. The system of any one of claims 1 to 3, wherein the second hub comprises a key slot, wherein the first hub comprises a mating key, and wherein the key slot and the