



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

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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

Michael John Arieni v Sun-Wizard Holding Pty Ltd [2021] APO 20

Patent No: 2014100975

Title: Solar Powered Outdoor Lighting Device

Patentee: Sun-Wizard Holding Pty Ltd

Opponent/Requestor: Michael John Arieni

Delegate: Ranganath Subbarayan

Decision Date: 11 May 2021

Hearing Date: Written submissions completed on 27 January 2021

Catchwords: **PATENTS** – certified innovation patent – opposition to surrender of patent under s137 of the Act – request for a declaration under s191A of the Act – inventorship and entitlement to the invention – offer to surrender refused – declaration under s191A not made – further information requested – costs awarded

Representation: Counsel for the opponent/requestor: Ben Fitzpatrick
Patent attorney for the opponent/requestor: Spruson & Ferguson
Patentee: Ian Fry, Director
Patent attorney for the patentee: Wynnes Patent & Trade Mark Attorneys Pty Ltd

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 4 May 2021 .

(71) Abbot, I.; Moss, C.; Sharpe, S. (21) 2021901270 (22) 30.04.2021 (54) Incorporated Chassis and Ballast for Transportable building	(71) Behi, R. (21) 2021901317 (22) 04.05.2021 (54) PLATFORM FOR BIOSENSING AND TARGET BIOMARKER DETECTION	(71) Coma, A. (21) 2021901361 (22) 06.05.2021 (54) Emergency Call App
(71) Alchin Long Group IP Pty Limited (21) 2021901363 (22) 07.05.2021 (54) Panel operator with latch	(71) Bio-Optics Australia Pty Ltd (21) 2021901287 (22) 30.04.2021 (54) HANDHELD FIBRE TEST DEVICE	(71) Cripps Clark, J. (21) 2021901302 (22) 03.05.2021 (54) Systems, devices & methods for accountable identification for data protection, authority, welfare, health and economic participation including potentially multiple different sovereign identification protocols in multiple jurisdictions, enabling better management of diverse economic assets, information and environments (sovereign, personal, professional, cloud based) using advanced technologies including block chain. A framework for authenticating agreed international transactions that might not otherwise be practicable and extensions that may help pay for the infrastructure are included.
Allison, I. see Allison, H. (21) 2021901314	(71) Botanix Pharmaceuticals Limited (21) 2021901322 (22) 04.05.2021 (54) CBD Cannabinoids and CBD Cannabinoid Analogues	(71) CRITICAL INFRASTRUCTURE TECHNOLOGIES PTY LTD (21) 2021901291 (22) 30.04.2021 (54) A Mobile Radio Station
(71) Allison, H.; Allison, I. (21) 2021901314 (22) 04.05.2021 (54) Asset Finance Fintech Solution	(71) Breville Pty Limited (21) 2021901290 (22) 30.04.2021 (54) Motorless sous vide	(71) CRYOROOMS PTY LTD (21) 2021901352 (22) 06.05.2021 (54) A whole-body cryotherapy system
(71) Andrews, S. (21) 2021901351 (22) 06.05.2021 (54) Vehicle Key Safe	(71) Brook, S. (21) 2021901346 (22) 05.05.2021 (54) A Portable Independent EV Solar Charging and Power System	(71) CSL Behring GmbH (21) 2021901366 (22) 07.05.2021 (54) Recombinant proteins
(71) Ant Engineering Pty Ltd (21) 2021901310 (22) 03.05.2021 (54) Juggling Apparatus	(71) butcher, e. (21) 2021901283 (22) 30.04.2021 (54) Gamma Power Source/Gamma Reactor	(71) D & D Group Pty Ltd (21) 2021901341 (22) 05.05.2021 (54) Improvements to Latches for Movable Barriers or the like
(71) Armstrong, S.O. (21) 2021901338 (22) 05.05.2021 (54) A Pier for a Foundation	(71) CALIX Ltd (21) 2021901357 (22) 06.05.2021 (54) A SYSTEM, METHOD AND DEVICE FOR pH AND/OR ODOUR CONTROL	(71) Delich Holdings Pty Ltd (21) 2021901334 (22) 05.05.2021 (54) Wheelbarrow loader
(71) BARD1 Life Sciences Limited (21) 2021901358 (22) 06.05.2021 (54) Methods relating to tumour-derived extracellular vesicles	(71) Ceres Tag Pty Ltd (21) 2021901282 (22) 30.04.2021 (54) ANIMAL OWNERSHIP MANAGEMENT SYSTEM AND METHOD	
(71) BARD1 Life Sciences Limited (21) 2021901359 (22) 06.05.2021 (54) Methods relating to tumour-derived extracellular vesicles II	Chait, T. see Morrow, D. (21) 2021901329	

Provisional Applications Filed - Name Index cont'd

(71) Donnelly, M. (21) 2021901337 (22) 05.05.2021 (54) Measurement device	(71) Grey, W. (21) 2021901320 (22) 04.05.2021 (54) Mixing Apparatus	(71) mckenna, m. (21) 2021901360 (22) 06.05.2021 (54) Liquid condom/condoms This product is a liquid protection from sexual transmitted disease and helps with erection and lubrication
(71) Dragon Bay Group Pty Ltd (21) 2021901356 (22) 06.05.2021 (54) Systems and methods for data filtering	(71) Health First Laboratories Ltd. (21) 2021901350 (22) 06.05.2021 (54) Faecal Sampling Device and Method	(71) Miller, C. (21) 2021901324 (22) 04.05.2021 (54) Dinghy
(71) Drew, P. (21) 2021901301 (22) 02.05.2021 (54) PROPULSION TURBINE	(71) HOPPR LTD (21) 2021901344 (22) 05.05.2021 (54) Method and System for Creating Interaction Input Based on Displayed Content	(71) Morrow, D.; Chait, T. (21) 2021901329 (22) 04.05.2021 (54) Veterinary Composition
(71) DUVALL ENTERPRISES PTY LTD (21) 2021901300 (22) 02.05.2021 (54) Herb fresh	(71) Illinois Tool Works Inc. (21) 2021901323 (22) 04.05.2021 (54) Coupler for threaded reinforcing bar	Moss, C. see Abbot, I. (21) 2021901270
(71) EIGHTH DAY FOODS HOLDINGS PTY LTD (21) 2021901345 (22) 05.05.2021 (54) FERMENTED FOOD PRODUCTS	(71) James Hardie Technology Limited (21) 2021901335 (22) 05.05.2021 (54) A coated building product and methods for making same	(71) NewSouth Innovations Pty Limited (21) 2021901306 (22) 03.05.2021 (54) Metal-ceramic composite materials for dental restoration
(71) Elmich Pte Ltd (21) 2021901316 (22) 04.05.2021 (54) Chock for paver support	(71) James Hardie Technology Limited (21) 2021901342 (22) 05.05.2021 (54) An Improved Joint in a Building Section	(71) Obaid, L. (21) 2021901309 (22) 03.05.2021 (54) TR3K BOARD
(71) Enosis Therapeutics Pty Ltd (21) 2021901318 (22) 04.05.2021 (54) Neuropsychopharmacological treatment employing virtual reality	(71) Jayaram, N. (21) 2021901365 (22) 07.05.2021 (54) OFFSHORE FLEXIBLE FLOATING SOLAR POWER PLANT AND METHOD OF DEPLOYMENT	(71) PASTRO-CUSTOM AG Pty Ltd (21) 2021901315 (22) 04.05.2021 (54) A SHIELDED SPRAYER
(71) FIRMUS GRID PTY LTD (21) 2021901293 (22) 30.04.2021 (54) AN ELECTRIC LOAD NETWORK AND METHOD FOR ADJUSTING AN OPERATION FREQUENCY OF AN ELECTRICITY GRID IN REAL TIME	Kaila, N. see Seth, K. (21) 2021901330	(71) Patties Foods Pty Limited (21) 2021901280 (22) 30.04.2021 (54) AN APPARATUS AND METHOD FOR FORMING A CO-EXTRUDED FILLING FOR A FOOD PRODUCT
(71) Fullard, H. (21) 2021901340 (22) 05.05.2021 (54) Portable shower apparatus	(71) Knorr, A. (21) 2021901328 (22) 04.05.2021 (54) Planar and Straight Line Mechanism	(71) Pilgrim, G. (21) 2021901353 (22) 06.05.2021 (54) A MOBILE HOME CLOTHES DRYING ASSEMBLY
(71) Gasnier, M. (21) 2021901305 (22) 03.05.2021 (54) Garments and method for playing sport	(71) Li-S Energy Limited (21) 2021901368 (22) 07.05.2021 (54) METAL ANODES	(71) Polyweld Pty Ltd (21) 2021901307 (22) 03.05.2021 (54) Load restraint
(71) Graham Pike Design (21) 2021901304 (22) 03.05.2021 (54) A Specialised Spirit Level For Fitting Lugged Elbows	(71) Lyons, M. (21) 2021901297 (22) 01.05.2021 (54) Solar Shutters Modular Unit	(71) Pro9 Global Limited (21) 2021901354 (22) 06.05.2021 (54) METHOD AND APPARATUS FOR MANUFACTURING AN INSULATED PANEL
(71) GrainCorp Limited (21) 2021901313 (22) 04.05.2021 (54) Liquid feed formulation for ruminant animals and method for preparing said liquid feed formulation	(71) Lyons, M. (21) 2021901303 (22) 03.05.2021 (54) Solar Pergola Modular Unit	(71) Professional 6 Pty Ltd (21) 2021901336 (22) 05.05.2021 (54) APPARATUS AND METHOD FOR RISK MANAGEMENT IN SALES TRANSACTIONS
	(71) Mal International Pty Ltd (21) 2021901327 (22) 04.05.2021 (54) A COMPOSITION OF MATTER, PROCESS AND SYSTEM, FOR PROVISION OF A NANO PARTICLE ANTI MICROBIAL COATING	

Provisional Applications Filed - Name Index cont'd

(71) Rees Operations Pty Ltd
 (21) 2021901308 (22) 03.05.2021
 (54) CARGO BARRIER ASSEMBLY FOR A VEHICLE

(71) Robo Holdings Pty Ltd
 (21) 2021901325 (22) 04.05.2021
 (54) FORMWORK SYSTEM

(71) Robo Holdings Pty Ltd
 (21) 2021901326 (22) 04.05.2021
 (54) LASER LEVELING SYSTEM

(71) Rounsevell, P.
 (21) 2021901332 (22) 05.05.2021
 (54) A TILING TOOL

Royal Melbourne Institute of Technology
see The University of Melbourne
 (21) 2021901331

(71) Scavo, D.K.
 (21) 2021901281 (22) 30.04.2021
 (54) Baby Sleeping Device

(71) Seeing Machines Limited
 (21) 2021901333 (22) 05.05.2021
 (54) SYSTEMS AND METHODS FOR DETECTION OF MOBILE DEVICE USE BY A VEHICLE DRIVER

(71) Seth, K.; Kaila, N.
 (21) 2021901330 (22) 04.05.2021
 (54) Green Hydrogen / Chemical production using Electrolysis and Platform to Platform (PTP) energy trading Blockchain to reduce input electricity costs (energy consumption)

(71) SEVENTHREE PROTECT PTY LTD
 (21) 2021901339 (22) 05.05.2021
 (54) EVENT ATTENDANCE SYSTEM

Sharpe, S. see Abbot, I.
 (21) 2021901270

(71) Singh Attwal Pty Ltd
 (21) 2021901311 (22) 03.05.2021
 (54) A PORTABLE BASIN ASSEMBLY AND METHOD OF USE THEREOF

(71) Solar Sailor Pty Ltd
 (21) 2021901355 (22) 06.05.2021
 (54) Waterborne Docking Assembly

(71) SUBDUE GLOBAL PTY LTD
 (21) 2021901349 (22) 06.05.2021
 (54) A protective capsule

(71) SVW TECHNOLOGIES PTY LTD
 (21) 2021901347 (22) 06.05.2021
 (54) Wool Harvesting 5

(71) SVW TECHNOLOGIES PTY LTD
 (21) 2021901348 (22) 06.05.2021
 (54) Wool Harvesting 3 210605

(71) Technology One Limited
 (21) 2021901284 (22) 30.04.2021
 (54) Audit evidencing systems, methods & apparatus

(71) The University of Melbourne; Royal Melbourne Institute of Technology
 (21) 2021901331 (22) 05.05.2021
 (54) Solid State Electric Field Sensor

(71) The University of Sydney
 (21) 2021901362 (22) 07.05.2021
 (54) A complex and method for sequestering a phosphonate or phosphinate containing compound

(71) Two Brothers Pty Ltd
 (21) 2021901288 (22) 30.04.2021
 (54) A beverage preparation vessel and a method of preparing a beverage

(71) UNIVERSITY OF TASMANIA
 (21) 2021901294 (22) 30.04.2021
 (54) Methods and systems for the transfer of swabbed samples, and associated systems and methods for high-throughput sample analysis using electrophoresis

(71) UNIVERSITY OF TASMANIA
 (21) 2021901319 (22) 04.05.2021
 (54) An analytical instrument, a method for controlling an analytical instrument and a filter system

(71) University of Wollongong
 (21) 2021901285 (22) 30.04.2021
 (54) Self-Regulating Electro-Synthetic or Electro-Energy Cells

(71) VAST Biosciences Pty Ltd
 (21) 2021901286 (22) 30.04.2021
 (54) Pyran compounds and their use in the treatment of pain

(71) VAST Biosciences Pty Ltd
 (21) 2021901289 (22) 30.04.2021
 (54) Pyran compounds and their use in the treatment of pain

(71) Visionary Machines Pty Ltd
 (21) 2021901292 (22) 30.04.2021
 (54) SYSTEMS AND METHODS FOR GENERATING AND/OR USING 3-DIMENSIONAL INFORMATION WITH ONE OR MORE CAMERAS

(71) Welcome Receptor Antibodies Pty Ltd
 (21) 2021901321 (22) 04.05.2021
 (54) Anti-NPY-Y1 antibodies and uses thereof

(71) XEFCO PTY LTD
 (21) 2021901312 (22) 03.05.2021
 (54) Vapor Deposition Product and Method Therefor

(71) Xero Limited
 (21) 2021901343 (22) 05.05.2021
 (54) Methods and systems for obtaining and storing web pages

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Applications listed below were processed through the Patent Office Canberra during the period ending 4 May 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<p>(71) 3 Castles Pty Ltd (21) 2021202456 (22) 22.04.2021 (54) Toy car storage device (31) 17/209768 (32) 23.03.21 (33) US</p>	<p>(54) Bit holder with impact load protection unit (31) 10 2020 113 683.8 (32) 20.05.20 (33) DE</p>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2021202571 (22) 27.04.2021 (54) Game token management system (62) 2017307763</p>
<p>(71) 925599 Alberta Ltd. (21) 2021202556 (22) 26.04.2021 (54) Pipe connector (62) 2016244745</p>	<p>(71) Advanced New Technologies Co., Ltd. (21) 2021202646 (22) 28.04.2021 (54) Secure offline resource operations (62) 2017382164</p>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2021202629 (22) 28.04.2021 (54) Gaming chip and management system (62) 2018245896</p>
<p>(71) Abundant Growth Technologies Ltd (21) 2021202532 (22) 23.04.2021 (54) Use of a Spatial Electric Field for Improved Plant Growth, Biomass Yield and Soil Moisture Retention</p>	<p>(71) Air Products and Chemicals, Inc. (21) 2021202693 (22) 30.04.2021 (54) COIL WOUND HEAT EXCHANGER (31) 16/867,250 (32) 05.05.20 (33) US</p>	<p>(71) Apple Inc. (21) 2021202620 (22) 28.04.2021 (54) Method of using one device to unlock another device (62) 2019201720</p>
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<p>(71) Achillion Pharmaceuticals, Inc. (21) 2021202728 (22) 30.04.2021 (54) Aryl, Heteroaryl, And Heterocyclic Compounds For Treatment Of Medical Disorders (62) 2016311425</p>	<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021202552 (22) 26.04.2021 (54) Angiotensinogen (AGT) iRNA compositions and methods of use thereof (62) 2015264038</p>	<p>(71) Aristocrat Technologies, Inc (21) 2021202704 (22) 30.04.2021 (54) ULTRAVIOLET DISINFECTION AND SANITIZING SYSTEMS AND METHODS FOR ELECTRONIC GAMING DEVICES AND OTHER GAMING EQUIPMENT (31) 63/018500 (32) 30.04.20 (33) US 63/026557 18.05.20 US 17/243279 28.04.21 US</p>
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<p>(71) Acres Technology; Acres, J. (21) 2021202584 (22) 27.04.2021 (54) System for Isolating Players of Electronic Gaming Machines on a Network of Electronic Gaming Machines (31) 63/019,123 (32) 01.05.20 (33) US 16/866,267 04.05.20 US</p>	<p>(71) AMVAC Hong Kong Limited (21) 2021202605 (22) 27.04.2021 (54) IMPROVED AGRICULTURAL PRODUCT DISPENSING SYSTEM (62) 2018271112</p>	<p>(71) ArQule, Inc. (21) 2021202610 (22) 28.04.2021 (54) Methods for preparing substituted 5,6-dihydro-6-phenylbenzof[f]isoquinolin-2-amine (62) 2016369520</p>
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<p>(71) ADMA Biologics, Inc. (21) 2021202598 (22) 27.04.2021 (54) Compositions and methods for the treatment of immunodeficiency (62) 2015246157</p>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2021202569 (22) 27.04.2021 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2019253876</p>	<p>(71) ArQule, Inc. (21) 2021202610 (22) 28.04.2021 (54) Methods for preparing substituted 5,6-dihydro-6-phenylbenzof[f]isoquinolin-2-amine (62) 2016369520</p>
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(71) Australian Agricultural Equipment Pty Ltd
 (21) 2021202526 (22) 23.04.2021
 (54) A Cotton Module Builder and Methods for Providing a Cotton Module

(71) Ayr Ltd
 (21) 2021202577 (22) 27.04.2021
 (54) Electronic vaporiser system
 (62) 2016313955

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(71) Baraja Pty Ltd
 (21) 2021202660 (22) 29.04.2021
 (54) Spatial profiling system and method
 (62) 2020203638

(71) Baraja Pty Ltd
 (21) 2021202661 (22) 29.04.2021
 (54) Spatial profiling system and method
 (62) 2020203638

(71) Baraja Pty Ltd
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 (54) Spatial profiling system and method
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(71) Baraja Pty Ltd
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 (21) 2021202508

(71) Baxalta Incorporated; Baxalta GmbH
 (21) 2021202508 (22) 23.04.2021
 (54) Therapeutic Proteins with increased half-life and methods of preparing same
 (62) 2019202970

(71) Bayer AS
 (21) 2021202665 (22) 29.04.2021
 (54) Radio-pharmaceutical complexes
 (62) 2015367722

(71) Beldi, C.
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 (54) Modified (Magnetic) Kinetic Energy Battery

(71) Berkshire Renewable Energy Pty Ltd
 (21) 2021202602 (22) 27.04.2021
 (54) SYSTEM AND METHOD FOR LIFTING A STORAGE TANK OR A PART THEREOF
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(71) Best Rider Global Limited
 (21) 2021202586 (22) 27.04.2021
 (54) Disposable tank electronic cigarette, method of manufacture and method of use
 (62) 2015327893

(71) BGC Partners, Inc
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 (54) SYSTEM AND METHOD FOR PROVIDING LATENCY PROTECTION FOR TRADING ORDERS
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(71) Buzick, B.; Bair, R.
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 (54) Vertical Grill With External Drip Tray Module
 (62) 2020200366

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(71) Canva Pty Ltd
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 (54) Systems and methods for converting composite image data

(71) Capnia, Inc.
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 (54) Columnar flow gas sampling and measurement system
 (62) 2019203388

(71) CATERPILLAR INC.
 (21) 2021202465 (22) 22.04.2021
 (54) SYSTEM AND METHOD INVOLVING MULTIPLE SOFTWARE TARGETS PACKAGED INTO ONE FILE
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(71) Catthien, B.
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 (54) Psychological Apparatus and Games

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(71) Ceres Tag Pty Ltd
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 (54) APPARATUS AND SYSTEM FOR IDENTIFICATION AND MONITORING OF ANIMALS
 (62) 2017239570

(71) Cernoch, D.; Pondicherry, A.; Refsland, D.; Ives-Halperin, K.
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 (54) SYSTEMS AND METHODS FOR SCALABLE-FACTOR AUTHENTICATION
 (62) 2016362507

(71) CFPH, LLC
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 (54) MULTI-LEVEL GAMING COMPETITIONS
 (62) 2019201114

(71) CFPH, LLC
 (21) 2021202674 (22) 29.04.2021
 (54) GAME WITH CHANCE ELEMENT OR EVENT SIMULATION
 (62) 2019219759

(71) Chugai Seiyaku Kabushiki Kaisha
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 (54) Composition for treating IL-6-related diseases
 (62) 2016224409

(71) Chugai Seiyaku Kabushiki Kaisha
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 (54) Cytotoxicity-inducing therapeutic agent
 (62) 2015322543

(71) City of Hope
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(71) Clinotec Pty Ltd
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(71) Coggan, B.
 (21) 2021202624 (22) 28.04.2021
 (54) SAW GUIDE
 (31) 2020901367 (32) 30.04.20 (33) AU

(71) ConMed Corporation
 (21) 2021202470 (22) 22.04.2021
 (54) System and method for controlling performance of a pneumatically sealed trocar
 (62) 2018369033

(71) ConMed Corporation
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 (54) Multi-barrel drill guide and anchor deployment assembly
 (62) 2018282187

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(71) Continuous Composites Inc.
(21) 2021202712 (22) 30.04.2021
(54) Systems and methods for controlling additive manufacturing
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(71) Corning Incorporated
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(71) Cosmo Koki Co., Ltd.
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(54) Installment method of fluid control body, and fluid control device including fluid control body
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(71) Curtin University
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(54) PROCESS FOR SELECTIVE RECOVERY OF CHALCOPHILE GROUP ELEMENTS
(62) 2016228967

(71) Deere & Company
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(54) Seed dispersion unit
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(71) Deere & Company
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(71) DEKA Products Limited Partnership
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(71) DEKA Products Limited Partnership
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(71) Delta Electronics (Shanghai) CO., LTD.
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(54) Control method and device for three-phase AC system
(31) 202010494010.0 (32) 03.06.20 (33) CN

(71) DexCom, Inc.
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(54) System and method for educating users, including responding to patterns
(62) 2019202044

(71) Diogenes Limited
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(54) Pool wagering apparatus, methods and systems
(62) 2019201870

(71) dormakaba Deutschland GmbH
(21) 2021202539 (22) 26.04.2021
(54) Regulating valve for a door drive and to a door drive
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(71) DRAEGER AUSTRALIA PTY LTD
(21) 2021202554 (22) 26.04.2021
(54) FILLING STATION FOR BREATHING APPARATUS

(71) DRAEGER SAFETY AG & CO. KGAA
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(54) SAFETY HELMET WITH AN INTERMEDIATE PIECE FOR CHANGING THE CENTER OF GRAVITY AND ARRANGEMENTS COMPRISING SUCH A SAFETY HELMET AND TWO ALTERNATIVE INTERMEDIATE PIECES
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(71) Dynamite Services Pty Limited
(21) 2021202468 (22) 22.04.2021
(54) Gaming System, Apparatus and Method
(62) 2014221197

(71) Eco Ice Australia Pty Ltd
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(31) 2020900534 (32) 25.02.20 (33) AU

(71) ECOINNO (H.K.) LIMITED
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(54) CELLULOSE MATERIALS AND METHODS OF MAKING AND USING SAME
(62) 2017222026

(71) Edrington Distillers Limited
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(71) eFARM GLOBAL AGRI TECHNOLOGY LIMITED
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(54) CULTIVATING APPARATUS
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(71) Eli Lilly and Company
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(54) Closed loop control of physiological glucose
(62) 2018261124

(71) Environmental Services Pty Ltd
(21) 2021202710 (22) 30.04.2021
(54) Compositions for improving agricultural production
(31) 2020901369 (32) 30.04.20 (33) AU

(71) Environmental Services Pty Ltd
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(54) COMPOSITIONS FOR IMPROVING AGRICULTURAL PRODUCTION
(31) 2020901369 (32) 30.04.20 (33) AU
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2020901371 30.04.20 AU

(71) Environmental Services Pty Ltd
(21) 2021202714 (22) 30.04.2021
(54) Compositions for improving agricultural production
(31) 2020901369 (32) 30.04.20 (33) AU
2020901370 30.04.20 AU
2020901371 30.04.20 AU

(71) Equinix, Inc.
(21) 2021202562 (22) 26.04.2021
(54) Time synchronization using a weighted regression analysis
(31) 63/016,070 (32) 27.04.20 (33) US
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(71) Eximis Surgical Inc.
(21) 2021202563 (22) 26.04.2021
(54) Large volume tissue reduction and removal system and method
(62) 2019200839

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021202567 (22) 27.04.2021
(54) INTERFACE COMPRISING A NASAL SEALING PORTION
(62) 2019246935

(71) Flexco (Aust) Pty. Ltd.
(21) 2021202695 (22) 30.04.2021
(54) A conveyor belt cleaner pole
(62) 2019201949

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(21) 2021202657

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(21) 2021202658

(71) Globaltech Corporation Pty Ltd
(21) 2021202726 (22) 30.04.2021

(54) Improvements to downhole surveying and core sample orientation systems, devices and methods

(62) 2016240404

(71) Google LLC
(21) 2021202694 (22) 30.04.2021

(54) FACILITATING END-TO-END COMMUNICATIONS WITH AUTOMATED ASSISTANTS IN MULTIPLE LANGUAGES

(62) 2018412575

(71) Google LLC
(21) 2021202715 (22) 30.04.2021

(54) UTILITY PORTALS FOR MANAGING DEMAND-RESPONSE EVENTS

(62) 2019201286

(71) Graymont (PA) Inc.
(21) 2021202513 (22) 23.04.2021

(54) Systems and methods for removal of mercury and/or hydrochloric acid from gas streams using calcium-containing particles

(62) 2018311553

(71) Halliburton Energy Services, Inc.
(21) 2021202514 (22) 23.04.2021

(54) Downhole fluid flow control system and method having autonomous flow control

(62) 2015410656

(71) Halliburton Energy Services, Inc.
(21) 2021202515 (22) 23.04.2021

(54) Downhole fluid flow control system and method having autonomous flow control

(62) 2015410656

(71) Hangzhou DAC Biotech Co., Ltd
(21) 2021202467 (22) 22.04.2021

(54) Bridge Linkers for Conjugation of Cell-Binding Molecules

(62) 2015242213

(71) Hardy, M.; Cackowski, S.; Kane, T.
(21) 2021202606 (22) 27.04.2021

(54) Apparatus and method for collection disposal of cleaning waste-water and debris from air conditioners

(62) 2016252122

(71) HEADSTART INTERNATIONAL PTY LTD

(21) 2021202656 (22) 28.04.2021

(54) Ride-on toy for children
(31) 2020901366 (32) 30.04.20 (33) AU

(71) Healthy Pulse
(21) 2021202566 (22) 27.04.2021

(54) UVC decontamination and detoxification device

(62) 2019203020

(71) Heraeus Electro-Nite International N.V.
(21) 2021202570 (22) 27.04.2021

(54) Device and method for measuring a temperature of a molten metal

(31) 20181481.1 (32) 22.06.20 (33) EP

(71) Heraeus Medical GmbH
(21) 2021202458 (22) 22.04.2021

(54) Device and method for mixing liquids

(31) 20175365.4 (32) 19.05.20 (33) EP

(71) Hewlett-Packard Development Company, L.P.

(21) 2021202733 (22) 30.04.2021

(54) Replaceable item authentication

(62) 2020202759

(71) HONEYWELL INTERNATIONAL INC.

(21) 2021202463 (22) 22.04.2021

(54) SMART BUILDING SCORE INTERFACE

(31) 16/863,266 (32) 30.04.20 (33) US

(71) HONEYWELL INTERNATIONAL INC.

(21) 2021202630 (22) 28.04.2021

(54) SYSTEMS AND METHODS FOR DISPLAYING AND CONTROLLING A REMOTELY EXECUTED APPLICATION ON DISPLAY OF A VEHICLE

(31) 16/889,558 (32) 01.06.20 (33) US

(71) HOOKIPA Biotech GmbH

(21) 2021202541 (22) 26.04.2021

(54) CMV vaccines

(62) 2014359276

(71) Huawei Technologies Co., Ltd.

(21) 2021202560 (22) 26.04.2021

(54) APPLICATION STARTUP CONTROL METHOD AND CONTROL DEVICE

(62) 2017347578

(71) Huawei Technologies Co., Ltd.

(21) 2021202691 (22) 30.04.2021

(54) TERMINAL ROAMING STEERING METHOD AND APPARATUS, DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM

(31) 202010366188.7 (32) 30.04.20 (33) CN

(71) Icahn School of Medicine at Mount Sinai; King's College London

(21) 2021202538 (22) 26.04.2021

(54) Adeno-associated virus vector

(62) 2015216847

(71) ICU Medical, Inc.

(21) 2021202662 (22) 29.04.2021

(54) Vial adaptors and vials for regulating pressure

(62) 2019206089

(71) Illinois Tool Works Inc.

(21) 2021202663 (22) 29.04.2021

(54) System for loading different conveying tracks of at least one dishwasher, and dishwasher arrangement having such a system

(31) 102020112090.7 (32) 05.05.20 (33) DE

(71) Illumina, Inc.

(21) 2021202677 (22) 29.04.2021

(54) Kinetic Exclusion Amplification Of Nucleic Acid Libraries

(62) 2018253621

(71) Immatics Biotechnologies GmbH

(21) 2021202703 (22) 30.04.2021

(54) NOVEL PEPTIDES, COMBINATION OF PEPTIDES AS TARGETS AND FOR USE IN IMMUNOTHERAPY AGAINST GALLBLADDER CANCER AND CHOLANGIOCARCINOMA AND OTHER CANCERS

(62) 2017269860

(71) INCYTE CORPORATION

(21) 2021202685 (22) 29.04.2021

(54) BIPYRAZOLE DERIVATIVES AS JAK INHIBITORS

(62) 2020202000

(71) INGU Solutions Inc.

(21) 2021202461 (22) 22.04.2021

(54) Sensor device for measuring fluid and fluid conduit properties, and method for activating the sensor device

(31) 3061922 (32) 02.07.20 (33) CA

(71) Innovently Pty Ltd

(21) 2021202524 (22) 23.04.2021

(54) Alert System and Method

(31) 2020901283 (32) 23.04.20 (33) AU

INSERM (Institut National de la Santé et de la Recherche Médicale) see Université de Paris

(21) 2021202612

(71) Intrexon ActoBiotics N.V.

(21) 2021202595 (22) 27.04.2021

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(54) Mucoadhesive microorganism
(62) 2017328129

(71) Intrexon ActoBiotics N.V.
(21) 2021202600 (22) 27.04.2021
(54) Compositions and methods for the treatment of type 1 diabetes
(62) 2017208153

(71) INX Software Pty Ltd
(21) 2021202529 (22) 23.04.2021
(54) Rostered Travel Flight Booking Method
(62) 2015318829

(71) Ionis Pharmaceuticals, Inc.
(21) 2021202684 (22) 29.04.2021
(54) Modulation of angiotensin-like 3 expression
(62) 2014369900

(71) IsoLynx, LLC
(21) 2021202631 (22) 28.04.2021
(54) SYSTEM AND METHOD FOR OBJECT TRACKING ANTI-JITTER FILTERING
(62) 2019210645

Ives-Halperin, K. see Cernoch, D.
(21) 2021202615

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(21) 2021202520

(71) Johnson & Johnson Consumer Inc.
(21) 2021202557 (22) 26.04.2021
(54) Sunscreen composition
(62) 2016202321

(71) JT International SA
(21) 2021202697 (22) 30.04.2021
(54) Electronic vapour inhalers
(62) 2019240608

(71) Kando Innovation Limited
(21) 2021202534 (22) 23.04.2021
(54) PRODUCTIVITY ENHANCEMENT FOR BAND SAW
(62) 2019204736

Kane, T. see Hardy, M.
(21) 2021202606

(71) Karsten Manufacturing Corporation
(21) 2021202592 (22) 27.04.2021
(54) Dual axle skateboard, truck, and method
(62) 2015318149

King's College London see Icahn School of Medicine at Mount Sinai
(21) 2021202538

(71) Koppers Performance Chemicals Inc.
(21) 2021202466 (22) 22.04.2021
(54) METHODS FOR IMPROVED COPPER PENETRATION IN WOOD
(62) 2016344234

(71) KURIN, INC.
(21) 2021202622 (22) 28.04.2021
(54) Blood sample optimization system and blood contaminant sequestration device and method
(62) 2016297849

(71) LADANYI, R.
(21) 2021202553 (22) 26.04.2021
(54) Method and System for 3D Printer with Improved Performance and 3D Printer Employing Same
(62) 2015354352

(71) LIFETIME PRODUCTS, INC.
(21) 2021202627 (22) 28.04.2021
(54) Cooking device having heat sources in a stacked arrangement
(62) 2019280574

(71) Littelfuse, Inc.
(21) 2021202708 (22) 30.04.2021
(54) Current limiting circuit arrangement
(31) 16/876,692 (32) 18.05.20 (33) US

(71) Littelfuse, Inc.
(21) 2021202709 (22) 30.04.2021
(54) Ground fault protection circuit and techniques
(31) 16/876705 (32) 18.05.20 (33) US

(71) Loma Vista Medical, Inc.
(21) 2021202730 (22) 30.04.2021
(54) Inflatable medical devices
(62) 2018247223

(71) Madrigal Pharmaceuticals, Inc.
(21) 2021202647 (22) 28.04.2021
(54) Targeted Therapeutics
(62) 2019226169

(71) Magic Leap, Inc.
(21) 2021202585 (22) 27.04.2021
(54) Multi-focal display system and method
(62) 2019280001

(71) MAX CO., LTD.
(21) 2021202636 (22) 28.04.2021
(54) Electric scissors
(31) 2020-080673 (32) 30.04.20 (33) JP

(71) Maximus, Inc.
(21) 2021202568 (22) 27.04.2021
(54) Mobile device access badges
(31) 63/015,876 (32) 27.04.20 (33) US
17/238,058 22.04.21 US

(71) Menzies, G.W.
(21) 2021202519 (22) 23.04.2021
(54) A PALLET FOR SECURING LOADS HAVING CURVED BASES

(71) Mesiha, w.
(21) 2021202698 (22) 30.04.2021
(54) Kangaroo's Cup "With its ability to allow the user to drink from the cup's different compartments separately or from each of the cup's any two compartments together as a cocktail without the liquids getting mixed together.

(71) METAL BUILDING SERVICES PTY. LTD.
(21) 2021202751 (22) 03.05.2021
(54) Pipe Corner Cover

(71) Miles, S.
(21) 2021202680 (22) 29.04.2021
(54) WHEEL CARRIER
(62) 2021201401

(71) Miles, S.
(21) 2021202682 (22) 29.04.2021
(54) WHEEL CARRIER

(71) MILWAUKEE ELECTRIC TOOL CORPORATION
(21) 2021202530 (22) 23.04.2021
(54) Power tool and method for wireless communication
(62) 2019204009

(71) Momenta Pharmaceuticals, Inc.
(21) 2021202578 (22) 27.04.2021
(54) Compositions and methods related to engineered Fc constructs
(62) 2015252866

(71) Monitra Healthcare Private Limited
(21) 2021202721 (22) 30.04.2021
(54) WIRELESS CARDIAC MONITORING DEVICE AND METHOD TO MEASURE AND TRANSMIT CARDIAC PHYSIOLOGICAL SIGNALS
(62) 2019201215

(71) MURPHY, S.
(21) 2021202632 (22) 28.04.2021
(54) Plastic waste pyrolysis arrangement and method
(31) 2020901353 (32) 29.04.20 (33) AU

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<p>(71) Nanobiotix (21) 2021202582 (22) 27.04.2021 (54) Nanoparticles for use as a therapeutic vaccine (62) 2016269146</p>	<p>(71) Ospedale San Raffaele S.R.L.; Fondazione Telethon (21) 2021202657 (22) 28.04.2021 (54) Polynucleotide</p>	<p>(71) President and Fellows of Harvard College (21) 2021202590 (22) 27.04.2021 (54) RNA-guided gene drives (62) 2015204784</p>
<p>(71) NCS PTE. LTD. (21) 2021202723 (22) 30.04.2021 (54) SYSTEM AND METHOD FOR IDENTIFYING PERSONS-OF-INTEREST (31) 10202004188X (32) 06.05.20 (33) SG</p>	<p>(71) Ospedale San Raffaele S.R.L.; Fondazione Telethon (21) 2021202658 (22) 28.04.2021 (54) Gene therapy</p>	<p>(71) Progress Rail Services Corporation (21) 2021202464 (22) 22.04.2021 (54) SPRING ANCHOR ASSEMBLY FOR TRACK RAIL AND SPRING ANCHOR INSULATOR FOR SAME (31) 16/870,564 (32) 08.05.20 (33) US</p>
<p>(71) Nevro Corporation (21) 2021202659 (22) 29.04.2021 (54) MOLDED HEADERS FOR IMPLANTABLE SIGNAL GENERATORS, AND ASSOCIATED SYSTEMS AND METHODS (62) 2018260956</p>	<p>(71) Ovidiu Development S.A. (21) 2021202544 (22) 26.04.2021 (54) System and method for determining the wind yaw misalignment of a horizontal axis on-shore wind turbine (31) 3763939 (32) 29.04.20 (33) EP</p>	<p>(71) Puzhen Life Co., Limited (21) 2021202688 (22) 29.04.2021 (54) ESSENTIAL OIL ATOMIZER (31) 16/863,663 (32) 30.04.20 (33) US</p>
<p>(71) New York Air Brake, LLC (21) 2021202707 (22) 30.04.2021 (54) Rail car predictive maintenance system (62) 2017401817</p>	<p>(71) Panduit Corp. (21) 2021202725 (22) 30.04.2021 (54) Method and device for detecting the absence of voltage (62) 2015311849</p>	<p>(71) Quantum-Si Incorporated (21) 2021202729 (22) 30.04.2021 (54) Integrated device for temporal binning of received photons (62) 2015300766</p>
<p>(71) Nicira, Inc. (21) 2021202517 (22) 23.04.2021 (54) Collecting and processing context attributes on a host (62) 2017378718</p>	<p>PerkinElmer Cellular Technologies Germany GmbH see PerkinElmer Health Sciences, Inc. (21) 2021202716</p>	<p>(71) R. J. Reynolds Tobacco Company (21) 2021202574 (22) 27.04.2021 (54) Heat generation segment for an aerosol-generation system of a smoking article (62) 2016286084</p>
<p>(71) Ningbo Casualway Leisure Products Co., Ltd. (21) 2021202593 (22) 27.04.2021 (54) A canopy frame for alleviating standing water (62) 2017101017</p>	<p>(71) PerkinElmer Health Sciences, Inc.; PerkinElmer Cellular Technologies Germany GmbH (21) 2021202716 (22) 30.04.2021 (54) Systems and methods for automated segmentation of individual organs in 3D anatomical images (62) 2015403475</p>	<p>(71) Radinn AB (21) 2021202732 (22) 30.04.2021 (54) Electrically Powered, Water-Jet Propelled Surfboard (62) 2018353925</p>
<p>(71) Noiseworks Technology Pty Ltd (21) 2021202722 (22) 30.04.2021 (54) ONLINE DATA PROCESSING METHOD (31) 2021901221 (32) 25.04.21 (33) AU</p>	<p>(71) Pfizer Inc. (21) 2021202522 (22) 23.04.2021 (54) RSV F protein mutants (62) 2019210579</p>	<p>(71) Ralco Nutrition, Inc. (21) 2021202687 (22) 29.04.2021 (54) Agricultural compositions and applications utilizing mineral compounds (62) 2019204156</p>
<p>(71) NuVasive, Inc. (21) 2021202558 (22) 26.04.2021 (54) IMAGING SYSTEM AND METHOD FOR USE IN SURGICAL AND INTERVENTIONAL MEDICAL PROCEDURES (62) 2020202963</p>	<p>(71) Pfizer Inc. (21) 2021202540 (22) 26.04.2021 (54) Neisseria meningitidis compositions and methods thereof (62) 2019220620</p>	<p>Refsland, D. see Cernoch, D. (21) 2021202615</p>
<p>(71) OilQuick Deutschland KG (21) 2021202686 (22) 29.04.2021 (54) ADAPTER FOR A QUICK-CHANGE SYSTEM AND QUICK-CHANGE SYSTEM WITH SUCH AN ADAPTER (31) 102020115197.7 (32) 08.06.20 (33) DE</p>	<p>(71) Phaim Pharma Ltd (21) 2021202609 (22) 28.04.2021 (54) Diabetes biomarkers (62) 2019200824</p>	<p>(71) Regeneron Pharmaceuticals, Inc. (21) 2021202702 (22) 30.04.2021 (54) Compositions for improving the health related quality of life of rheumatoid arthritis patients (62) 2015317905</p>
<p>(71) Pondicherry, A. see Cernoch, D. (21) 2021202615</p>	<p>(71) President and Fellows of Harvard College (21) 2021202581 (22) 27.04.2021 (54) Genome engineering (62) 2018278911</p>	<p>(71) Revolutionary Medical Devices, Inc. (21) 2021202460 (22) 22.04.2021 (54) Ventilation mask (62) 2016275127</p>

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(71) Rhythm Pharmaceuticals, Inc.
(21) 2021202699 (22) 30.04.2021
(54) Pharmaceutical compositions
(62) 2019200101

(71) ROPA SYSTEMS PTY LTD
(21) 2021202587 (22) 27.04.2021
(54) WINDOW FRAME AND ARCHITRAVE ASSEMBLY
(62) 2016208980

(71) Sakura Finetek U.S.A., Inc.
(21) 2021202652 (22) 28.04.2021
(54) Slide management system
(62) 2019216682

(71) SANOTIZE RESEARCH AND DEVELOPMENT CORP.
(21) 2021202711 (22) 30.04.2021
(54) Treating diseases using nitric oxide releasing solutions
(62) 2015229626

(71) SelectImmune Pharma AB
(21) 2021202603 (22) 27.04.2021
(54) Novel therapy
(62) 2016205864

(71) SharkNinja Operating LLC
(21) 2021202547 (22) 26.04.2021
(54) COOKING DEVICE AND COMPONENTS THEREOF
(62) 2018316266

(71) SharkNinja Operating LLC
(21) 2021202548 (22) 26.04.2021
(54) COOKING DEVICE AND COMPONENTS THEREOF
(62) 2018316266

(71) SharkNinja Operating LLC
(21) 2021202549 (22) 26.04.2021
(54) COOKING DEVICE AND COMPONENTS THEREOF
(62) 2018316266

(71) SharkNinja Operating LLC
(21) 2021202696 (22) 30.04.2021
(54) FOOD PROCESSING APPARATUS AND METHOD
(62) 2016276447

(71) Shire Human Genetic Therapies, Inc.
(21) 2021202579 (22) 27.04.2021
(54) METHODS AND COMPOSITIONS FOR CNS DELIVERY OF IDURONATE-2-SULFATASE
(62) 2019203515

(71) Simpson, P.
(21) 2021202511 (22) 23.04.2021

(54) BIOAVAILABLE MINERALS FOR THE MITIGATION OF CORONA VIRUSES (COVID 19), MANUFACTURING METHOD AND A TREATMENT METHOD
(31) 2020901434 (32) 06.05.20 (33) AU

(71) SKC Co., Ltd.
(21) 2021202635 (22) 28.04.2021
(54) Polyester film, preparation method thereof and method for reproducing polyethyleneterephthalate container using same
(31) 10-2021-0009734 (32) 22.01.21 (33) KR
10-2021-0009735 22.01.21 KR

(71) Snap-on Incorporated
(21) 2021202551 (22) 26.04.2021
(54) Inline ratcheting mechanism
(31) 16/859,532 (32) 27.04.20 (33) US

(71) Snap-on Incorporated
(21) 2021202589 (22) 27.04.2021
(54) Ratcheting wrench
(62) 2019213406

(71) SNIPR Technologies Limited
(21) 2021202550 (22) 26.04.2021
(54) Selectively altering microbiota for immune modulation
(62) 2020257117

(71) South East Water Corporation
(21) 2021202604 (22) 27.04.2021
(54) Systems and computer implemented methods for monitoring an activity at one or more facilities
(62) 2015336945

(71) Square, Inc.
(21) 2021202683 (22) 29.04.2021
(54) Sensor-enabled activation of payment instruments
(62) 2017335581

(71) Sunflow, Inc.
(21) 2021202673 (22) 29.04.2021
(54) CHAIR
(62) 2020286283

(71) Syngenta Crop Protection AG
(21) 2021202542 (22) 26.04.2021
(54) Tetraploid watermelon line 34WA009
(31) 16/860,422 (32) 28.04.20 (33) US

(71) Telefonaktiebolaget LM Ericsson (publ)
(21) 2021202649 (22) 28.04.2021
(54) Methods and devices for broadcasting system information on demand
(62) 2019203810

(71) Telefonaktiebolaget LM Ericsson (publ)
(21) 2021202690 (22) 30.04.2021
(54) Methods and apparatuses for handling beam failure
(62) 2017355592

(71) The Boeing Company
(21) 2021202535 (22) 24.04.2021
(54) Systems and methods for compensating for spring back of structures formed through incremental sheet forming
(31) 16/888,956 (32) 01.06.20 (33) US

(71) The Regents of the University of Michigan
(21) 2021202619 (22) 28.04.2021
(54) Multifunctional inhibitors of MEK/PI3K and mTOR/MEK/PI3K biological pathways and therapeutic methods using the same
(62) 2017291838

(71) The Regents of the University of Michigan; University of Newcastle upon Tyne
(21) 2021202650 (22) 28.04.2021
(54) Compositions and method for destabilizing, altering, and dispersing biofilms
(62) 2019271937

(71) The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University
(21) 2021202717 (22) 30.04.2021
(54) METHOD FOR TESTING ABILITY OF STEM LEYDIG CELL TO FORM LEYDIG AND MYOID CELL IN ADULT TESTIS
(31) 202010870503.X (32) 26.08.20 (33) CN

(71) The Sy-Klone Company, LLC
(21) 2021202580 (22) 27.04.2021
(54) Radial seal filter
(31) 63/032,827 (32) 01.06.20 (33) US

(71) The Texas A & M University System
(21) 2021202706 (22) 30.04.2021
(54) FUNGAL ENDOPHYTES FOR IMPROVED CROP YIELDS AND PROTECTION FROM PESTS
(62) 2018204758

(71) The University of Queensland
(21) 2021202648 (22) 28.04.2021
(54) Modulation of cellular stress
(62) 2015268101

(71) The University of Sydney
(21) 2021202561 (22) 26.04.2021
(54) Synthesis of Phytocannabinoids including a demethylation step
(62) 2018317935

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(71) THE UNIVERSITY OF TOKYO
(21) 2021202701 (22) 30.04.2021
(54) Position information processing system and position information processing device
(62) 2018218371

(71) Toyota Boshoku Kabushiki Kaisha
(21) 2021202645 (22) 28.04.2021
(54) Air cleaner for internal combustion engine
(31) 2020-094610 (32) 29.05.20 (33) JP

(71) Tussy, K.A.
(21) 2021202681 (22) 29.04.2021
(54) Facial recognition authentication system including path parameters
(62) 2015218542

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(21) 2021202459

(71) Under the Weather, LLC
(21) 2021202700 (22) 30.04.2021
(54) Multiple enclosure coupling assembly and method
(62) 2016233382

(71) United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
(21) 2021202640 (22) 28.04.2021
(54) Methods of producing enriched populations of tumor reactive T cells from peripheral blood
(62) 2019284080

(71) UNIVERSAL RESEARCH SOLUTIONS, LLC
(21) 2021202521 (22) 23.04.2021
(54) DYNAMIC SEARCH AND RETRIEVAL OF QUESTIONS
(62) 2017386654

(71) UNIVERSITÄT BASEL; UNIVERSITÄT ZÜRICH
(21) 2021202634 (22) 28.04.2021
(54) HLA-B57 OPEN CONFORMERS
(62) 2017230855

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(21) 2021202634

(71) Université de Paris; Université Paris-Saclay; Acticor Biotech; Université Paris XIII; INSERM (Institut National de la Santé et de la Recherche Médicale)
(21) 2021202612 (22) 28.04.2021

(54) Inhibition of platelet aggregation using anti-human GPVI antibodies
(62) 2018214222

Université Paris-Saclay see Université de Paris
(21) 2021202612

Université Paris XIII see Université de Paris
(21) 2021202612

(71) University Health Network
(21) 2021202471 (22) 22.04.2021
(54) Cancer therapeutic methods

(71) University of Hawaii
(21) 2021202510 (22) 23.04.2021
(54) Fabry-Perot Fourier transform spectrometer
(62) 2019204993

(71) University of Kansas
(21) 2021202642 (22) 28.04.2021
(54) Methods for recovering metals using oxalate compounds

University of Newcastle upon Tyne see The Regents of the University of Michigan
(21) 2021202650

(71) VARTA Microbattery GmbH
(21) 2021202724 (22) 30.04.2021
(54) VISIBILITY PACKAGING FOR ENERGY STORAGE ELEMENTS
(31) 20183715.0 (32) 02.07.20 (33) EP

(71) Verrica Pharmaceuticals, Inc.
(21) 2021202518 (22) 23.04.2021
(54) Compositions, Methods and Systems for the Treatment of Cutaneous Disorders
(62) 2019250220

(71) ViaCyte, Inc.
(21) 2021202641 (22) 28.04.2021
(54) Universal donor cells and related methods
(62) 2018300149

(71) VIDEO GAMING TECHNOLOGIES, INC.
(21) 2021202528 (22) 23.04.2021
(54) System and method for providing a game with dynamic symbol stacking
(62) 2019202726

(71) Vitaflo (International) Ltd; UCL Business PLC
(21) 2021202459 (22) 22.04.2021

(54) Nutritional product
(62) 2019226282

(71) VORWERK & CO. INTERHOLDING GMBH
(21) 2021202545 (22) 26.04.2021
(54) AUTOMATIC CONTROL FUNCTION FOR WHIPPING CREAM
(62) 2017277612

(71) W.L. Gore & Associates, Inc.
(21) 2021202628 (22) 28.04.2021
(54) Implantable encapsulation devices
(62) 2019257394

(71) W.L. Gore & Associates, Inc.
(21) 2021202675 (22) 29.04.2021
(54) Medical delivery device with laminated stopper
(62) 2020260514

(71) Waste Diamond Solutions Pty Ltd; Jihany Pty Ltd
(21) 2021202520 (22) 23.04.2021
(54) VALUABLE MATERIALS FROM SOLID ORGANIC WASTE (VMW)
(62) 2018200824

(71) Waymo LLC
(21) 2021202531 (22) 23.04.2021
(54) TARGET, METHOD, AND SYSTEM FOR CAMERA CALIBRATION
(62) 2018341950

(71) Waymo LLC
(21) 2021202597 (22) 27.04.2021
(54) A LIGHT DETECTION AND RANGING (LIDAR) DEVICE HAVING MULTIPLE RECEIVERS
(62) 2020201154

(71) Waymo LLC
(21) 2021202720 (22) 30.04.2021
(54) DETECTING AND RESPONDING TO PROPULSION AND STEERING SYSTEM ERRORS FOR AUTONOMOUS VEHICLES
(62) 2018339455

(71) Werner Co.
(21) 2021202533 (22) 23.04.2021
(54) Extension Ladder, System and Method
(62) 2019205968

(71) Werner Co.
(21) 2021202564 (22) 26.04.2021
(54) Apparatus Having a Handle on Which a User Stands, and Method
(62) 2019200447

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(71) Westfaelische Wilhelms-Universitaet
Muenster

(21) 2021202654 (22) 28.04.2021

(54) CELL-PENETRATING BACTERIAL E3-
UBIQUITIN-LIGASES FOR USE IN IM-
MUNOTHERAPY

(62) 2018267685

(71) Wing Aviation LLC

(21) 2021202509 (22) 23.04.2021

(54) Image based localization for unmanned
aerial vehicles, and associated systems
and methods

(62) 2018388887

(71) WIREMAN PTY LIMITED

(21) 2021202559 (22) 26.04.2021

(54) An Electrical Connector and Method

(31) 2020901662 (32) 22.05.20 (33) AU

(71) Wix.com Ltd.

(21) 2021202623 (22) 28.04.2021

(54) System for synchronization of changes
in edited websites and interactive ap-
plications

(62) 2019219824

(71) XIAMEN OAMIC BIOTECHNOLOGY
CO., LTD

(21) 2021202527 (22) 23.04.2021

(54) METHOD FOR PREPARING NATURAL
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DODECALACTONE BY BIOREDUC-
TION OF MASSOIA OIL

(31) 202010331414.8 (32) 24.04.20 (33) CN

(71) Zhejiang Shengge Technology Co., Ltd.

(21) 2021202505 (22) 23.04.2021

(54) Mounting Structure for Roller Blind

(31) 202011465160.5 (32) 14.12.20 (33) CN

(71) Zogenix International Limited

(21) 2021202576 (22) 27.04.2021

(54) Fenfluramine compositions and meth-
ods of preparing the same

(62) 2021201339

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2021202513	Graymont (PA) Inc.	2021202587	ROPA SYSTEMS PTY LTD
2021202514	Halliburton Energy Services, Inc.	2021202588	ECOINNO (H.K.) LIMITED
2021202515	Halliburton Energy Services, Inc.	2021202589	Snap-on Incorporated
2021202516	Canva Pty Ltd	2021202590	President and Fellows of Harvard College
2021202517	Nicira, Inc.	2021202591	eFARM GLOBAL AGRI TECHNOLOGY LIMITED
2021202518	Verrica Pharmaceuticals, Inc.	2021202592	Karsten Manufacturing Corporation
2021202519	Menzies, G.W.	2021202593	Ningbo Casualway Leisure Products Co., Ltd.
2021202520	Waste Diamond Solutions Pty Ltd; Jihany Pty Ltd	2021202594	Chugai Seiyaku Kabushiki Kaisha
2021202521	UNIVERSAL RESEARCH SOLUTIONS, LLC	2021202595	Intrexon ActoBiotics N.V.
2021202522	Pfizer Inc.	2021202596	DRAEGER SAFETY AG & CO. KGAA
2021202523	Eli Lilly and Company	2021202597	Waymo LLC
2021202524	Innoventy Pty Ltd	2021202598	ADMA Biologics, Inc.
2021202526	Australian Agricultural Equipment Pty Ltd	2021202599	Deere & Company
2021202527	XIAMEN OAMIC BIOTECHNOLOGY CO., LTD	2021202600	Intrexon ActoBiotics N.V.
2021202528	VIDEO GAMING TECHNOLOGIES, INC.	2021202601	Ceres Tag Pty Ltd
2021202529	INX Software Pty Ltd	2021202602	Berkshire Renewable Energy Pty Ltd
2021202530	MILWAUKEE ELECTRIC TOOL CORPORATION	2021202603	SelectImmune Pharma AB
2021202531	Waymo LLC	2021202604	South East Water Corporation
2021202532	Abundant Growth Technologies Ltd	2021202605	AMVAC Hong Kong Limited
2021202533	Werner Co.	2021202606	Hardy, M.; Cackowski, S.; Kane, T.
2021202534	Kando Innovation Limited	2021202607	Celularity, Inc.
2021202535	The Boeing Company	2021202609	Phaim Pharma Ltd
2021202536	Buzick, B.; Bair, R.	2021202610	ArQule, Inc.
2021202537	Catthien, B.	2021202611	Deere & Company
2021202538	Icahn School of Medicine at Mount Sinai; King's College London	2021202612	Université de Paris; Université Paris-Saclay; Acticor Biotech; Université Paris XIII; INSERM (Institut National de la Santé et de la Recherche Médicale)
2021202539	dormakaba Deutschland GmbH	2021202613	DEKA Products Limited Partnership
2021202540	Pfizer Inc.	2021202614	Chugai Seiyaku Kabushiki Kaisha
2021202541	HOOKIPA Biotech GmbH	2021202615	Cernoch, D.; Pondicherry, A.; Refsland, D.; Ives-Halperin, K.
2021202542	Syngenta Crop Protection AG	2021202617	DEKA Products Limited Partnership
2021202544	Ovidiu Development S.A.	2021202618	DEKA Products Limited Partnership
2021202545	VORWERK & CO. INTERHOLDING GMBH	2021202619	The Regents of the University of Michigan
2021202547	SharkNinja Operating LLC	2021202620	Apple Inc.
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2021202557	Johnson & Johnson Consumer Inc.		
2021202558	NuVasive, Inc.		
2021202559	WIREMAN PTY LIMITED		

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2021202630	HONEYWELL INTERNATIONAL INC.	2021202707	New York Air Brake, LLC
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2021202636	MAX CO., LTD.	2021202713	Environmental Services Pty Ltd
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2021202640	United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer	2021202715	Google LLC
2021202641	ViaCyte, Inc.	2021202716	PerkinElmer Health Sciences, Inc.; PerkinElmer Cellular Technologies Germany GmbH
2021202642	University of Kansas	2021202717	The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University
2021202644	Aristocrat Technologies, Inc.	2021202720	Waymo LLC
2021202645	Toyota Boshoku Kabushiki Kaisha	2021202721	Monitra Healthcare Private Limited
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2021202648	The University of Queensland	2021202724	VARTA Microbattery GmbH
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2021202650	The Regents of the University of Michigan; University of Newcastle upon Tyne	2021202726	Globaltech Corporation Pty Ltd
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2021202654	Westfälische Wilhelms-Universität Muenster	2021202730	Loma Vista Medical, Inc.
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2021202672	Delta Electronics (Shanghai) CO., LTD.		
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2021202687	Ralco Nutrition, Inc.		
2021202688	Puzhen Life Co., Limited		
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2021202691	Huawei Technologies Co., Ltd.		
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2021202696	SharkNinja Operating LLC		
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2021202699	Rhythm Pharmaceuticals, Inc.		
2021202700	Under the Weather, LLC		
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2021202702	Regeneron Pharmaceuticals, Inc.		
2021202703	Immatics Biotechnologies GmbH		
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2021202706	The Texas A & M University System		

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<hr/> <p>A, S. see Kavya, N.P. (21) 2021102149</p> <hr/> <p>A, S. see Devarajan, B. (21) 2021102254</p> <hr/> <p>A, M. see Devarajan, B. (21) 2021102254</p> <hr/> <p>A., C. see R., M. (21) 2021102224</p> <hr/> <p>Aalam, S. see koshariya, A.K. (21) 2021102217</p> <hr/> <p>Addagatla, U. see Mishra, A. (21) 2021102236</p> <hr/> <p>(71) Aero-Tech Pty Ltd (21) 2021102197 (22) 26.04.2021 (54) Sweeper (62) 2020101384</p> <hr/> <p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021102187 (22) 26.04.2021 (54) A novel detoxification device for nursing and medical treatment</p> <hr/> <p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021102238 (22) 29.04.2021 (54) A nursing pus suction device for infectious department use</p> <hr/> <p>Agarwal, P. see Singh, Y. (21) 2021102038</p> <hr/> <p>Agarwal, P. see Dhakad, S. (21) 2021102117</p> <hr/> <p>Agarwal, D. see Chaitanya, D.M.K. (21) 2021102295</p> <hr/> <p>Aggarwal, V. see Rani, S. (21) 2021102034</p> <hr/> <p>Agrawal, A. see Singh, Y.</p>	<p>(21) 2021102038</p> <hr/> <p>Ahamed, S. see R, K.P. (21) 2021102226</p> <hr/> <p>Ahmad, N. see Marriwala, N. (21) 2021102150</p> <hr/> <p>(71) AITCHISON, A.; MACKIE, D. (21) 2021102167 (22) 23.04.2021 (54) Information communication system (62) 2019455812</p> <hr/> <p>A K, N. see koshariya, A.K. (21) 2021102153</p> <hr/> <p>Angeline, M.N. see Asha, P. (21) 2021102178</p> <hr/> <p>Ansari, V.A. see Gupta, A.K. (21) 2021102200</p> <hr/> <p>Ansteel Beijing Research Institute see Shenyang University of Technology (21) 2021102205</p> <hr/> <p>Arjunagi, S. see Perugu, P. (21) 2021102184</p> <hr/> <p>(71) Asha, P.; S, A.; Priya, K.; Gurusamy, D.; Baulkani, S.; Hussaini, M.M.; Angeline, M.N.; Manikandan, S.K.; Muthumari, R.; Rajavel, A. (21) 2021102178 (22) 24.04.2021 (54) CHALLENGE RESPONSE AUTHENTICATION MECHANISM WITH DYNAMIC QUESTIONS AGAINST BLIND ATTACKS FOR COGNITIVE IoT NETWORKS</p> <hr/> <p>B., B. see T., S. (21) 2021102319</p> <hr/> <p>B. Kumbhar, M. see T., J. (21) 2021102312</p> <hr/> <p>Balipa, M. see Kavya, N.P. (21) 2021102149</p> <hr/>	<p>(71) Banerjee, D.; Sarkar, S.; Jana, S.; P Shrivastava, V.; Singh, P.K.; Upadhyay, A.K.; Pandey, S.P.; Singh, V.K.; Kumar, P.; Sharma, A.K. (21) 2021102148 (22) 22.04.2021 (54) PROCESS FOR SYNTHESIZING EUROPIUM DOPED GRAPHITIC CARBON NITRIDE (g-C3N4) FOR REMOVAL OF TEXTILE DYES FROM WATER</p> <hr/> <p>Bansal, N. see Chandra Panda, R. (21) 2021102310</p> <hr/> <p>barasu, A. see Shrivastava, A. (21) 2021102186</p> <hr/> <p>(71) BASAVARAJ NIMBENI, S.; NIMBENI, B.; DIVAKAR, D.; JHA KUKREJA, B.; KUKREJA, P. (21) 2021102336 (22) 03.05.2021 (54) CARBOXYMETHYL CHITOSAN – FLUORIDE DOPED AMORPHOUS CALCIUM HYDROXIDE: A NOVEL REMINERALIZING GEL</p> <hr/> <p>Basthikodi, M. see Dhakad, S. (21) 2021102117</p> <hr/> <p>Baulkani, S. see Asha, P. (21) 2021102178</p> <hr/> <p>Behl, R. see Pandey, S. (21) 2021102175</p> <hr/> <p>(71) Beijing Municipal Research Institute of Environmental Protection (21) 2021102158 (22) 23.04.2021 (54) METHOD FOR DETERMINING MORPHOLOGY AND LAYERED CHARACTERISTIC OF GROUNDWATER CONTAMINATION PLUME (31) 202010618272.3 (32) 30.06.20 (33) CN</p> <hr/> <p>(71) Beijing Municipal Research Institute of Environmental Protection (21) 2021102223 (22) 27.04.2021 (54) Method for Determining Radius of In-Situ Chemical Oxidation (ISCO) Remediation of Groundwater (31) 202010454656.6 (32) 26.05.20 (33) CN</p> <hr/>
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(71) Berkshire Renewable Energy Pty Ltd

(21) 2021102222 (22) 27.04.2021

(54) SYSTEM AND METHOD FOR LIFTING A STORAGE TANK OR A PART THEREOF

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(21) 2021102217

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(21) 2021102311

Bhupathyraaj, M. see *R, K.P.*

(21) 2021102226

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(21) 2021102226

(71) Biology Institute of Shandong Academy of Sciences; Golden Star (Rizhao) Agricultural Science and Technology Development Co., Ltd.

(21) 2021102206 (22) 27.04.2021

(54) Trichoderma viride histone acetylase encoding gene TvGCN5 and use thereof

(31) 2020103456219 (32) 27.04.20 (33) CN

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(21) 2021102184

Biswal, S.K. see *Satapathy, S.*

(21) 2021102320

(71) Black Fitness Pty Ltd

(21) 2021102196 (22) 26.04.2021

(54) A mobile fitness assembly

(71) Bohm, J.

(21) 2021102194 (22) 26.04.2021

(54) SLIP RESISTANT METAL GRATE AND METHODS OF ITS MANUFACTURE

(71) Bond Chemicals Pty Ltd

(21) 2021102285 (22) 30.04.2021

(54) Methods and uses for hypochlorite concentrates

(62) PCT/AU2020/051038

(71) Bond Chemicals Pty Ltd

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Borgaonkar, A.V. see *T., J.*

(21) 2021102312

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(21) 2021102315

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(21) 2021102144

C., S.K. see *R., M.*

(21) 2021102224

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(21) 2021102319

(71) Central South University

(21) 2021102214 (22) 27.04.2021

(54) Triaxial Tensile Test Device and Method for Rocks

(71) Ceres Tag Pty Ltd

(21) 2021102218 (22) 27.04.2021

(54) APPARATUS AND SYSTEM FOR IDENTIFICATION AND MONITORING OF ANIMALS

(62) 2017239570

Chacko, S. see *R, K.P.*

(21) 2021102226

Chaduvula, K. see *Markapudi, B.R.*

(21) 2021102271

(71) Chaitanya, D.M.K.; Tyagi, A.K.; Agarwal, D.; Tripathi, K.; Kakulapati, V.; Paramasivam, A.; Mohan J S, S.; Kumari, S.; Sarkar, B.K.

(21) 2021102295 (22) 30.04.2021

(54) Intelligent Wi-Fi Mobile Battery Charging using Beagle Bone kit.

Chakrabarti, T. see *koshariya, A.K.*

(21) 2021102153

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(21) 2021102153

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(21) 2021102314

Chande, M.K. see *Tiwaari, J.K.*

(21) 2021102315

CHANDNANI, N. see *Perugu, P.*

(21) 2021102184

(71) Chandra Panda, R.; Virmani, T.; Lohana, S.; Sahoo, N.; Tyagi, P.; Dahiya, S.; Gandhi, S.; Bansal, N.; Pahuja, S.; Saini, G.; Rinkal Mansukhbhai, S.

(21) 2021102310 (22) 01.05.2021

(54) IoT BASED SUSTAINABLE INCINERATOR FOR BIOMEDICAL AND PHARMACEUTICAL WASTE

Chandra Panda, R. see *Masih, J.*

(21) 2021102311

(71) Chang'an University

(21) 2021102278 (22) 30.04.2021

(54) LSTM-based method and apparatus for forecasting the demand for DiDi orders

(71) Changzhou United Dental Medical Instrument Co., Ltd.

(21) 2021102253 (22) 29.04.2021

(54) ROOT CANAL FILE WITH DISCONTINUOUS SPIRAL CUTTING BLADE

Chaubey, P.K. see *Rishiwal, V.*

(21) 2021102036

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(21) 2021102144

China Jiliang University see *Hangzhou dahua instrument manufacturing co., LTD*

(21) 2021102252

(71) China National Institute of Standardization

(21) 2021102284 (22) 30.04.2021

(54) PEPTIDE LINKER, FUSION PROTEIN COMPRISING THE PEPTIDE LINKER AND USES THEREOF

(31) 202110192929.9 (32) 20.02.21 (33) CN

(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; Wuhan-Jiulong Railway Passenger Dedicated Line Hubei Co., Ltd.

(21) 2021102082 (22) 20.04.2021

(54) HOOK SEIZING SHIFT DESCENDING SYSTEM FOR MULTIPLE-BOOM UMBRELLA DRILL FOR DEEP SHAFT DRILLING AND BLASTING CONSTRUCTION

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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY
(21) 2021102083 (22) 20.04.2021
(54) REUSABLE DEVICE FOR PRESTRESSED TENSION OF RAILWAY CONTINUOUS CAST-IN-PLACE BEAM
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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY
(21) 2021102084 (22) 20.04.2021
(54) SUPPORT AND FALLING PROTECTION CAGE FOR INITIAL DIGGING OF DEEP DIGGING PILE
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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY
(21) 2021102085 (22) 20.04.2021
(54) BOTTOM-VALVE-FREE AUTOMATIC DRAINAGE METHOD USING IMPROVED JET DEVICE FOR DEEP SHAFT CONSTRUCTION
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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY
(21) 2021102087 (22) 20.04.2021
(54) ANTI-FREEZING AND ANTI-SHIFTING STABILISATION STRUCTURE OF HEAVY CEMENT TANK FOUNDATION OF MIXING PLANT IN LONG WINTER AREA AND CONSTRUCTION METHOD
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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; JIANGHAN UNIVERSITY
(21) 2021102154 (22) 22.04.2021
(54) DRILLING AND BLASTING CONSTRUCTION METHOD FOR DEEP SHAFT SURROUNDING AUXILIARY HOLES
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- (71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; JIANGHAN UNIVERSITY
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- China University of Mining and Technology see Xuzhou Institute of Technology
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(21) 2021102293
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- (71) China University of Petroleum (East China); Research Institute of Exploration & Development, SINOPEC Shengli Oilfield Company
(21) 2021102145 (22) 22.04.2021
(54) Automatic preparation device and preparation method of lengthened artificial core
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- (71) China University of Petroleum-Beijing
(21) 2021102298 (22) 30.04.2021
(54) MICRO-FOAM FRACTURING FLUID, PREPARATION METHOD AND USE THEREOF
(31) 202011092193.X (32) 13.10.20 (33) CN
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- (71) Chongqing Funasi Biotechnology Co., Ltd.
(21) 2021102328 (22) 03.05.2021
(54) DECOMPOSING AGENT FOR LIVESTOCK AND POULTRY MANURE AND WASTE AND MANUFACTURING METHOD THEREOF
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- (71) Chongqing University Cancer Hospital; The First Affiliated Hospital of Army Medical University
(21) 2021102162 (22) 23.04.2021
(54) Renewable universal terahertz metamaterial sensor and method for quickly detecting pathogenic bacteria and drug resistance genes
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- Chopara, V. see Dhoble, S.J.
(21) 2021102302
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- Chordiya, S.B. see Sadasivuni, H.
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- (71) Clearvue Technologies Ltd
(21) 2021102146 (22) 22.04.2021
(54) Device for generating electricity
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- (71) Dalian Polytechnic University
(21) 2021102265 (22) 29.04.2021
(54) PHOSPHORUS-FREE TENDERIZER AND USE THEREOF
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- (71) Dalian University of Technology
(21) 2021102244 (22) 29.04.2021
(54) SHORE-BASED OSCILLATING WATER COLUMN WAVE ENERGY POWER GENERATION DEVICE INTEGRATED WITH PERMEABLE WAVE ELIMINATION STRUCTURE
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- (71) Dalian University of Technology
(21) 2021102258 (22) 29.04.2021
(54) INTELLIGENT SENSING PASSIVE SOLAR WINDOW SYSTEM
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- Deepak, S.S.K. see Tiwaari, J.K.
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- (71) Devarajan, B.; S, P.; M, V.; P, M.D.; E, B.; J, G.; A, S.; P, G.; S, K.; Jayapandyan, J.R.; R, M.; A, M.; P, M.; R, V.; V, R.
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- (71) Dhakad, S.; Basthikodi, M.; G, V.B.; Agarwal, P.; P, S, N.; Frank, D.; Udupi, P.K.; Soans, S.V.; Gupta, S.; Prasad K, K.; Gupta, B.; Yadav, B.; G., P.; Manjunath, T.
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(54) A System and A Method for Big And Stream Data Analytics using Incremental Mapreduce Framework for Smart City
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(21) 2021102336

(71) Dongying Zhengda Metal Products Co., Ltd.
(21) 2021102176 (22) 23.04.2021
(54) Adjustable glass clip for stairs
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(21) 2021102254

(71) East China University of Technology
(21) 2021102233 (22) 28.04.2021
(54) A CONSTRUCTION WASTE LAND-FILL SYSTEM APPLICABLE TO FLOOD DISASTER AREAS

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(21) 2021102235 (22) 28.04.2021
(54) A HEIGHT MONITORING DEVICE FOR UNDERGROUND FILLING PILES APPLICABLE TO FLOOD DISASTER AREAS

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(54) Method and Devices for Disease Contact Tracing
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(54) AN UTILIZATION OF ARTIFICIAL INTELLIGENCE BASED SYSTEM FOR

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(21) 2021102144 (22) 22.04.2021
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(21) 2021102333

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(21) 2021102272

(71) Wenzhou Medical University
(21) 2021102324 (22) 03.05.2021
(54) A method for inhibiting photoreceptor degeneration and application of AAV-KITL in preparing medicine for inhibiting photoreceptor apoptosis

(71) Wild Land Outdoor Gear Ltd.
(21) 2021102191 (22) 26.04.2021
(54) RIGID ROOF TENT
(31) 202023341607.6 (32) 31.12.20 (33) CN
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(71) Woodland Mills Inc.
(21) 2021102157 (22) 23.04.2021
(54) FLYWHEEL AND PADDLE ASSEMBLY FOR A CHIPPING OR SHREDDING APPARATUS, AND AN APPARATUS INCORPORATING SAME
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(71) Worland, A.
(21) 2021102300 (22) 30.04.2021
(54) INFORMATION DELIVERY SYSTEM

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(21) 2021102082

(71) Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences
(21) 2021102212 (22) 27.04.2021
(54) Full-biodegradable Water-saving Mulching Film for Arid Soil and Preparation Method Thereof

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(21) 2021102203

(71) Xuzhou Institute of Technology; China University of Mining and Technology
(21) 2021102291 (22) 30.04.2021
(54) TIRE SELF-HELP PREDICAMENT EXTRICATING APPARATUS
(31) 202011431655.6 (32) 10.12.20 (33) CN

(71) Xuzhou Institute of Technology; China University of Mining and Technology
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(54) ANTI-VIRUS MASK
(31) 202010854565.1 (32) 24.08.20 (33) CN

(71) Xuzhou University of Technology
(21) 2021102207 (22) 27.04.2021
(54) Magnesium nanowire film, and preparation method and use thereof

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(21) 2021102275 (22) 30.04.2021
(54) A High-performance Computing and Cloud Computing Hybrid Algorithm System and Its Resource Management Method

(71) Xuzhou University of Technology
(21) 2021102282 (22) 30.04.2021
(54) Preservation Method of Chinese Sauce and Braised Meat Products

(71) Xuzhou University Of Technology; Jiangsu Palarich Food Co., Ltd.
(21) 2021102250 (22) 29.04.2021
(54) BURDOCK GREEN PLANTING FARM-LAND DITCHING AND SOIL-COVERING DEVICE

(71) XUZHOU UNIVERSITY OF TECHNOLOGY; Shanxi Lvliang Lishi Jinhui Rongtai Coal Industry Co., Ltd.
(21) 2021102198 (22) 26.04.2021
(54) METHOD FOR SEALING HOLE OF CLEANING-FREE PULVERIZED COAL IN SEALED SECTION OF DRILLED HOLE
(31) 202010512964.X (32) 08.06.20 (33) CN

(71) XUZHOU UNIVERSITY OF TECHNOLOGY
(21) 2021102322 (22) 03.05.2021
(54) APPARATUS AND METHOD FOR MEASURING REACTION FORCE OF SUPPORTING LEG
(31) 2021102366421 (32) 03.03.21 (33) CN

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(21) 2021102117

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(21) 2021102186

(71) Yan'an Hospital of Kunming City
(21) 2021102188 (22) 26.04.2021
(54) Portable fixing device for oral dental photography

(71) Zaozhuang University
(21) 2021102208 (22) 27.04.2021
(54) METHOD FOR DETECTING ALL-INGREDIENT CHINESE HERBAL MEDICINE INDIAN IPHIGENIA BULB GRANULES BASED ON TERAHERTZ SPECTROSCOPY

(71) Zaozhuang University
(21) 2021102209 (22) 27.04.2021
(54) METHOD FOR DETECTING ALL-INGREDIENT CHINESE HERBAL MEDICINE RETINERVUS LUFFAE FRUCTUS GRANULES BASED ON TERAHERTZ SPECTROSCOPY

(71) Zaozhuang University
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(54) METHOD FOR DETECTING ALL-INGREDIENT CHINESE HERBAL MEDICINE CAULIS BAMBUSAE GRANULES BASED ON TERAHERTZ SPECTROSCOPY

(71) Zhao, R.
(21) 2021102280 (22) 30.04.2021
(54) A ULT Liquid Transfer Device

(71) Zhejiang Agricultural Business College; Shaoxing University
(21) 2021102165 (22) 23.04.2021
(54) New supermarket shopping cart for retail marketing

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- (71) Zheng, W.
(21) 2021102241 (22) 29.04.2021
(54) Application of Artemisinin Compounds
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2021102252	Hangzhou dahua instrument manufacturing co., LTD; China Jiliang University	2021102302	Dhoble, S.J.; Kamble, R.B.; Kadam, A.R.; Chopara, V.
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2021102257	Hunan University of Science and Technology	2021102311	Masih, J.; Kumar, V.; Vyas, S.; Joshi, A.; Bhattacharya, S.; Saini, N.; Kaur, D.; Dhiman, V.; Dahiya, S.; Gupta, S.; Kumar Shukla, V.; Chandra Panda, R.
2021102258	Dalian University of Technology	2021102312	T., J.; Patil, P.B.; B. Kumbhar, M.; Borgaonkar, A.V.; G. Salunkhe, V.; Potdar, S.B.
2021102259	Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences	2021102313	Guha, K.; Krishnaswamy, N.; Muniswamy, V.
2021102260	Thomas, B.G.; Joymon, J.O.; Mathew, A.; Rajan, A.J.; P K, A.; Venugopal, A.; Varghese, J.T.; S, N.	2021102314	Sharma, S.; Dewangan, A.K.; Kushwaha, A.; Chande, M.K.; Sao, N.; Sathish, K.; Raja, R.; Srivastava, S.
2021102261	Southwest University	2021102315	Tiwaari, J.K.; Srivastava, S.; Chande, M.K.; Thakur, M.; Deepak, S.S.K.; Sahu, D.K.; Borkar, P.K.; Srivastava, S.C.; Tiwari, S.
2021102262	Southwest University		
2021102263	Southwest University		
2021102264	Southwest University		
2021102265	Dalian Polytechnic University		
2021102266	Southwest University		
2021102267	Southwest University		
2021102268	Southwest University		

Innovation Patent Applications Filed - Numerical Index cont'd

2021102316	Kumar, D.S.; IrphanK, A.; Rajasekar, S.; Elakiya, V.; Sudha, C.	2021102327	JIANGXI UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
2021102317	Dhanani, J.; Mehta, R.; Rana, D.; Tidke, B.	2021102328	Chongqing Funasi Biotechnology Co., Ltd.
2021102319	T., S.; J, S.; D., L.; C., A.; R., Z.; B., B.; N, L.; S.K, ..; G., L.P.; S., K.; V, ..; S., A.	2021102333	Tewari, R.; Singh, R.; Wankhede, H.S.; Shukla, P.K.; Sadasivuni, H.; Shukla, P.K.; Jose, D.; Shukla, P.; Kumar, P.; Trivedi, A.; Sher, D.; G., P.; Manjunath, T.C.; Ranjani, R.; Neogi, B.; Kumar, R.L.; Tripathi , G.K.
2021102320	Satapathy, S.; Nayak, Y.; Satapathy, K.B.; Biswal, S.K.; Mishra, S.	2021102335	Gupta, S.; Jain, M.; Tyagi, N.; Saraswat, K.K.; Srivastava, A.P.; Tiwari, S.; Saxena, N.; Tarar, S.; Tiwari, R.G.; Misra, A.
2021102321	Harbin Institute of Technology	2021102336	BASAVARAJ NIMBENI, S.; NIMBENI, B.; DIVAKAR, D.; JHA KUKREJA, B.; KUKREJA, P.
2021102322	XUZHOU UNIVERSITY OF TECHNOLOGY	2021102337	Sadasivuni, H.; Garg, R.; Singh, V.; Tripathi, M.; Srivastava, P.; Manne, R.; Chordiya, S.B.; Raj, B.; Sarkar, B.K. Roy, S.; Saha, S.K.; Ghorai, N.
2021102323	Tianjin Research Institute for water transport engineering, Ministry of transport		
2021102324	Wenzhou Medical University		
2021102326	Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences		

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

2001

2001038962 (14)	2001038976 (14)	2001038983 (14)
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 2018336881 (25D) 2018408409 (16D)

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 2020223737 (4B) 2020901476 (12AN) 2020901590 (12AN)
 2020902428 (12AN)

2021

2021100588 (18AN) 2021100874 (18AN) 2021100885 (18AN)
 2021201248 (7AN) 2021900490 (17AN)

Assignments before Grant, Section 113

2014

2014370516 AIMM Therapeutics B.V. The application has been assigned to **Kling Biotherapeutics B.V.**

2015

2015373910 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016

2016204853 Triteck Limited The application has been assigned to **Australian Valve Group Pty Ltd**

2016243160 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016269463 Timothy, E. The application has been assigned to **Nationwide Industries, Inc.**

Assignments before Grant, Section 113

2016269530 Timothy, E. The application has been assigned to **Nationwide Industries, Inc.**

2016282785 Threshold Pharmaceuticals, Inc. The application has been assigned to **IMMUNOGENESIS, INC.**

2016297018 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2016316565 Auckland UniServices Limited The application has been assigned to **Cirrus Materials Science Limited**

2016348479 Abbott Diagnostics Scarborough, Inc.; Abbott Rapid Diagnostics International Unlimited Company The application has been assigned to **Abbott Diagnostics Scarborough, Inc.**

2016370648 Oncolmmune, Inc. The application has been assigned to **OncoC4, Inc.**

2016371212 Jointpoint, Inc. The application has been assigned to **DePuy Synthes Products, Inc.**

2016377252 Massey University The application has been assigned to **Novolabs Limited**

2017

2017201556 Timothy, E. The application has been assigned to **Nationwide Industries, Inc.**

2017205900 AIMM Therapeutics B.V. The application has been assigned to **Kling Biotherapeutics B.V.**

2017207496 Jointpoint, Inc. The application has been assigned to **DePuy Synthes Products, Inc.**

2017247005 Font Fine Wine Pty Ltd The application has been assigned to **De Bortoli Wines Pty Limited**

2017254356 Sembcorp Industries Ltd The application has been assigned to **Sembcorp WaterTech Pte Ltd.**

2017260549 Cornelius, Inc. The application has been assigned to **Marmon Foodservice Technologies, Inc.**

2017265930 Jet Physics Limited The application has been assigned to **Linear Shaped Limited**

2017285708 Triteck Limited The application has been assigned to **Australian Valve Group Pty Ltd**

2018

2018205327 Rempex Pharmaceuticals, Inc. The application has been assigned to **Melinta Therapeutics, Inc.**

2018229677 NXT IP Pty Ltd The application has been assigned to **NXT Building System Pty Ltd**

Assignments before Grant, Section 113

2018241075 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018241151 Display Technologies, LLC The application has been assigned to **Marmon Foodservice Technologies, Inc.**

2018244652 University of Strathclyde The application has been assigned to **Dxcover Limited**

2018252956 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **Northrop Grumman Systems Corporation**

2018252957 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **Northrop Grumman Systems Corporation**

2018279064 1266638 B.C. Unlimited Liability Company The application has been assigned to **Power Management Holdings (U.S.), Inc.**

2018304554 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **Northrop Grumman Systems Corporation**

2018304704 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **Northrop Grumman Systems Corporation**

2018304706 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **Northrop Grumman Systems Corporation**

2018334994 Lincoln Agritech Limited; PASCO, Janne The application has been assigned to **Lincoln Agritech Limited**

2018384085 NXT IP Pty Ltd The application has been assigned to **NXT Building System Pty Ltd**

2019

2019200638 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019214865 Oncolmmune, Inc.; University of Maryland, Baltimore The application has been assigned to **OncoC4, Inc.; University of Maryland, Baltimore**

2019216228 Oncolmmune, Inc.; Children's Research Institute, Children's National Medical Center The application has been assigned to **OncoC4, Inc.; Children's Research Institute, Children's National Medical Center**

2019222670 DuPont Nutrition Biosciences ApS The application has been assigned to **Inbiose N.V.; DuPont Nutrition Biosciences ApS**

2019222970 NXT IP PTY LTD The application has been assigned to **NXT Building System Pty Ltd**

2019309381 Orthophor, LLC The application has been assigned to **CareFusion 213, LLC**

Assignments before Grant, Section 113

2019339917 NXT IP Pty Ltd The application has been assigned to **NXT Building System Pty Ltd**

2019344913 Leekley, Gregory; Savenok, Pavel; Savenok, Alexander The application has been assigned to **VERTIGO STUDIOS, LLC**

2020

2020200423 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020201946 Dyax Corp. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020203474 BELT WATCH PTY LIMITED The application has been assigned to **BEMO PTY LTD**

2020223667 Exinda Networks Pty, Ltd. The application has been assigned to **Aurea Software FZ-LLC**

2020230297 TOGNELA, Murray The application has been assigned to **HERITAGE TANKS AUSTRALIA PTY LTD**

2020289824 Koriukalov, Iurii Igorevich The application has been assigned to **NEUROTECHNOLOGY, LLC**

2020294288 AIMM Therapeutics B.V. The application has been assigned to **Kling Biotherapeutics B.V.**

2020294352 Oulun yliopisto The application has been assigned to **Geopyörä Oy**

2020901731 NXT IP PTY LTD The application has been assigned to **NXT Building System Pty Ltd**

2020902230 MAREXMA CORP The application has been assigned to **ADFIXUS PTE LTD**

2020903656 MAREXMA CORP The application has been assigned to **ADFIXUS PTE LTD**

2021

2021200141 Lycera Corporation The application has been assigned to **The Regents of the University of Michigan**

Extensions of Time, Section 223

Applications Received

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

2003

2003204767 **WebTrends, Inc.** An application to extend the time from 18 Jun 2020 to 18 May 2021 in which to pay a renewal fee has been filed . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

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2005

2005274680 **Hunter Immunology Limited** An application to extend the time from 17 Aug 2021 to 17 Mar 2021 in which to pay a renewal fee has been filed . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2010

2010300091 **Berry-Smith, M.; Donaghue, M.** An application to extend the time from 24 Sep 2020 to 24 Apr 2021 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2012

2012203669 **Ahern, T.** An application to extend the time from 23 Jun 2020 to 23 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Thresia Gladys Ahern PO BOX 2372 Humpty Doo NT 0836 AU

2012243424 **Global Environment Management (FZC)** An application to extend the time from 11 Apr 2020 to 11 Apr 2021 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2012255624 **Chin, D.** An application to extend the time from 18 May 2020 to 18 Mar 2021 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013

2013284328 **The Trustee for House of Parts Trust, trading as House of Parts Pty Ltd** An application to extend the time from 06 Jun 2020 to 06 Feb 2021 in which to pay the renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2013351959 **Haddish, I.** An application to extend the time from 30 Aug 2019 to 30 Aug 2021 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Caska Intellectual Property Pty Ltd PO BOX 6061 PYMBLE NSW 2073 AU

2017

2017258845 **Spray Rock LLC** An application to extend the time from 27 Aug 2021 to 27 Apr 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018100994 **Vermeer Manufacturing Company** An application to extend the time from 13 Jul 2020 to 13 Mar 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018101322 **Associated Celebrity Talent Application Pty Ltd** An application to extend the time from 08 Sep 2020 to 08 Apr 2021 in which to pay a renewal fee has been filed . Address for service - A.C.N. 149 196 734 Pty Ltd PO Box 76 Vaucluse NSW 2030 AU

2018101348 **Commercial Property Guide Pty Ltd** An application to extend the time from 14 Sep 2020 to 14 Apr 2021 in which to pay the

Extensions of Time, Section 223

renewal fee has been filed . Address for service - Commercial Property Guide Pty Ltd 37 shakespeare drive templestowe VIC 3106 AU

2018264002 **Victaulic Company** An application to extend the time from 14 Sep 2020 to 14 Apr 2021 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018298202 **TEETER, Monty, J.** An application to extend the time from 06 Feb 2020 to 06 Feb 2021 in which to enter the national phase has been extended to . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2018313862 **HYPERSCIENCES, INC.** An application to extend the time from 08 Mar 2020 to 08 Mar 2021 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019232850 **Global Organics Energy** An application to extend the time from 01 Feb 2020 to 01 Mar 2021 in which to pay the continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021201397 **Ocular Pty Ltd** An application to extend the time from 07 Nov 2020 to 07 Mar 2021 in which to associate with a complete application has been filed . Address for service - Mills Oakley PO BOX 453 Collins Street West MELBOURNE VIC 3001 AU

Applications Allowed - Section 223(2)

2016

2016207258 **Dinu, Sorin** The time in which to gain acceptance has been extended to 03 Jun 2021 . Address for service - Sorin Dinu 9B Thornett Pl Dubbo NSW 2830 AU

2017

2017386654 **Universal Research Solutions, LLC** The time in which to gain acceptance has been extended to 23 May 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2020

2020104415 **Matchbox Exchange Pty Ltd** The time in which to comply with a direction under Reg 3.2B has been extended to 01 Jun 2021 . Address for service - Mills Oakley PO BOX 453 Collins Street West MELBOURNE VIC 3001 AU

2021

2021100150 **Arun, M.R.; Sahoo, S.K.; Nayak, B.; Indrani, B.; K G M, P.; Bakhtiani, R.; Pandian, M.; Kaliappan, N.; Karpurapu, A.B.; Sridevi, R.; Arun, V.** The time in which to comply with a direction under Reg 3.2B has been extended to 29 Apr 2021 . Address for service - M R Arun 3, Mantalini Street Ambarvale NSW 2560 AU

2021201983 **Le Med Pty Led** The time in which to make a further application for a divisional patent has been extended to 06 Apr 2021 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 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.

2011

2011246531 Multifocal lens **Carl Zeiss Meditec AG** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2012

2012392760 Immunomodulatory proteins **CSL Behring Lengnau AG** The nature of the amendment is as shown in the statement(s) filed 10 Dec 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2013

2013323101 Peptide directed protein knockdown **University of British Columbia** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016200305 VALVED MALE LUER CONNECTOR **Industrie Borla S.p.A** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016289755 Tau-binding antibodies **UCB Biopharma SRL** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017251818 Keratin Treatment Formulations and Methods **Olaplex, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017302342 Heat transfer compositions, methods and systems **Honeywell International Inc.** The nature of the amendment is as shown in the statement(s) filed 03 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017344489 Naphthyridinone derivatives and their use in the treatment of arrhythmia **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017373815 Novel T cell receptors and immune therapy using the same **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2021 . Address for

Amendments

service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017383458 Antibody drug conjugates for ablating hematopoietic stem cells **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 05 May 2021 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017432809 Pillars as stops for precise chip-to-chip separation **Google LLC** The nature of the amendment is as shown in the statement(s) filed 05 May 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018201735 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2021 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018222163 Pharmaceutical composition **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2018309187 Methods and compositions for modulating splicing **Skyhawk Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018310477 Information display method and apparatus **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2021 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018347205 Parallel execution of transactions in a blockchain network based on smart contract whitelists **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2019

2019204864 Optical fiber alignment device **CommScope Technologies LLC ; CommScope Connectivity Belgium BVBA** The nature of the amendment is as shown in the statement(s) filed 04 May 2021 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019259069 Underground space intelligent construction system and method **China University of Mining and Technology ; Jiangsu Gaoshenghuayu Power Equipment Manufacturing Co., Ltd. ; Shanxi Lu'an Environmental Energy Development Co., Ltd. ; Shandong Lutai Holding Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

2020

2020104208 NANO GRAPHITE FLUID FOR ENHANCING COAL BED GAS PURIFICATION **Chongqing University** The nature of

Amendments

the amendment is: Amend the name of the inventor to read Zhong, Dongliang; Yan, Jin; Ding, Kun; Zou, Zhenlin; Yi, Datong and Li, Xiyue . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020200699 Methods and compositions for modulating splicing **Skyhawk Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2015

2015344999 **Arla Foods amba** The nature of the amendment is as shown in the statement filed 19 Jan 2021

2016

2016205433 **e-Vision Smart Optics, Inc.** The nature of the amendment is: Application is to proceed under the number 2016102463

2016343261 **Di Maria, J.** The nature of the amendment is: Amend the name of the inventor to read Di Maria, Giuseppe

2016384921 **Jiangsu Hengrui Medicine Co., Ltd.** The nature of the amendment is as shown in the statement filed 12 Jan 2021

2017

2017404912 **O-Net Communications (Shenzhen) Limited** The nature of the amendment is as shown in the statement filed 06 Apr 2021

2017404912 **O-Net Communications (Shenzhen) Limited** The nature of the amendment is: Application is to proceed under the number 2017101905

2017404913 **O-Net Communications (ShenZhen) Limited** The nature of the amendment is: Application is to proceed under the number 2017101904

2018

2018101855 **Apple Inc.** The nature of the amendment is as shown in the statement filed 18 Jan 2021

2018368580 **Hipra Scientific, S.L.U.** The nature of the amendment is: Amend the name of the inventor to read FOIX BRETO, Antoni; SERRA HARTMANN, Xavier; SITJÀ I ARNAU, Marta; PIÑOL RIBAS, Jaume and QUEROL MURILLO, Enrique

2018439421 **Takagi Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 Apr 2021

2018448364 **Oh, Y.K.** The nature of the amendment is: Amend the invention title to read MEDICAL DEVICE FOR CONSTIPATION PREVENTION, COPROSTASIS REMOVAL AND GOOD BOWEL MOVEMENT

2019

2019202151 **Jusand Nominees Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101798

Amendments

2019259069 **China University of Mining and Technology; Jiangsu Gaoshenghuayu Power Equipment Manufacturing Co., Ltd.; Shanxi Lu'an Environmental Energy Development Co., Ltd.; Shandong Lutai Holding Group Co., Ltd.** The nature of the amendment is as shown in the statement filed 19 Apr 2021

2019278576 **Knorr-Bremse España, S.A.** The nature of the amendment is: Amend the name of the inventor to read NURZIA, Giovanni and KAMBARA MARTIN, Ryusuke Daniel

2019297889 **Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the invention title to read Biaryl ether-type quinazoline derivatives

2019298314 **ABB Schweiz AG** The nature of the amendment is: Amend the name of the inventor to read MOUSAVI, Mirrasoul J.; ACHARYA, Mithun P and SMILEY, Karen J.

2019337074 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 Apr 2021

2019341095 **Riken; Animal Allergy Clinical Laboratories Inc.** The nature of the amendment is: Amend the invention title to read Anti-IgE antibody specifically binding to membrane-bound IgE antibody of IgE antibody-producing B cells and method for diagnosing and treating allergic symptoms using the same

2019343739 **Rheinmetall Electronics GmbH** The nature of the amendment is: Amend the invention title to read Arrangement comprising a contactless smartcard, a garment for an action force comprising a receiving device for receiving the smartcard, and an electronic system and method for operating such arrangement

2019344145 **Ishida Co., Ltd.** The nature of the amendment is: Amend the invention title to read BAG MAKING AND PACKAGING MACHINE

2019346569 **Geomni, Inc.** The nature of the amendment is as shown in the statement filed 03 May 2021

2019348064 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Processing Terminal Device Capability Information, Terminal Device, and Network-Side Device

2019348580 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read WAREHOUSING MANGAEMENT SYSTEM AND METHOD

2019353580 **Staedtler Mars GmbH & Co. KG** The nature of the amendment is: Amend the name of the inventor to read WUNDERLICH, Laura; SCHNEIDER, Denise and BELZNER, Mathias

2019356719 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is: Amend the invention title to read Absorption Liquid Regeneration Apparatus, CO2 Recovery Apparatus Including the Same, and Absorption Liquid Regeneration Method

2019357824 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read NETWORK SLICE ACCESS CONTROL METHOD AND APPARATUS

Amendments

2019358744 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is: Amend the invention title to read Reclaiming Apparatus, CO2 Recovery Apparatus Including the Same, and Reclaiming Method

2019360351 **Rheinmetall Electronics GmbH** The nature of the amendment is: Amend the invention title to read Apparatus for validatable output of images

2019360911 **Zhejiang University** The nature of the amendment is as shown in the statements filed 26 Mar 2021 and 29 Apr 2021

2019361808 **Nippon Chemiphar Co., Ltd.** The nature of the amendment is: Amend the invention title to read Therapeutic or prophylactic agent for nocturnal polyuria

2019368954 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is: Amend the invention title to read Gas Purification Apparatus, Ship Including the Same, and Gas Purification Method

2019467669 **Southeast University** The nature of the amendment is: Amend the invention title to read A COMPOSITE THERMAL INSULATION MATERIAL AND ITS PREPARATION METHOD

2020

2020211863 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for work machine

2020212836 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for work machine

2020212919 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for work machine

2020250314 **International Paper Company** The nature of the amendment is: Amend the divisional details to read 2019208150

2021

2021101995 **D, P.K.; Rehman, T.B.; Malathi, L.; Manihar, S.; Mulugeta, B.D.; Selvaraj, V.; Udayakumar, S.; Subramani, T.; Srinivas, K.; Rao, T.S.** The nature of the amendment is: Amend the invention title to read Method for Monitoring the Bridge using IoT

2021201135 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Katoh, Takahiro; Lida, Masatoshi; Terauchi, Yuki; Yamaguchi, Kazuya; Hirose, Toshiyuki; Yokoyama, Fumiharu; Nishimori, Hikaru; Obuchi, Yutaka; Nabeshima, Hiroshi and Takaki, Emiri

2021202292 **Channell Commercial Corporation** The nature of the amendment is: Amend the priority details to read 17/179,175 18 Feb 2021 US and 16/855,820 22 Apr 2020 US

2021202384 **Fractyl Laboratories Inc.** The nature of the amendment is: Amend the name of the inventor to read FLAHERTY, J. Christopher; Rajagopalan, Harith; Caplan, Jay and Levin, Philip S.

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

Amendments**2001**

2001097160 Blount, Inc. The name of the patentee has been altered to **Oregon Tool, Inc.**

2002

2002244806 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2003

2003239650 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2004

2004240161 Liquid Time Pty Ltd The name of the patentee has been altered to **Liquid Time Ltd**

2006

2006318825 Selex ES Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2006327964 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2007

2007214293 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2007232205 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2007246726 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2007336255 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2007348061 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2007348062 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2008

2008290579 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2008355542 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2009

2009220791 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

Amendments**2011**

2011232292 Knauf Plasterboard Pty Limited The name of the patentee has been altered to **Etex Australia Pty Ltd**

2011333947 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2012

2012202017 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2012216243 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2013

2013261071 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2013279833 Scandinavian Micro Biodevices ApS The name of the patentee has been altered to **Zoetis Denmark ApS**

2013283575 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2013322174 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2013369548 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2013369549 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2013369550 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2014

2014289534 Leonardo MW Ltd The name of the patentee has been altered to **Leonardo UK Ltd**

2014304154 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2015

2015258283 Knauf Plasterboard Pty Limited The name of the applicant has been altered to **Etex Australia Pty Ltd**

2015276638 Scandinavian Micro Biodevices ApS The name of the patentee has been altered to **Zoetis Denmark ApS**

2015341929 Alpinestars Research Srl The name of the patentee has been altered to **Alpinestars Research S.p.A.**

2016

2016343261 Di Maria, Joseph Joshua The name of the applicant has been altered to **Di Maria, G.**

Amendments

2016409604 Incell International AB The name of the applicant has been altered to **Polarium Energy Solutions AB**

2017

2017214175 Scandinavian Micro Biodevices ApS The name of the applicant has been altered to **Zoetis Denmark ApS**

2017279548 Intrexon Corporation The name of the applicant has been altered to **Precigen, Inc.**

2018

2018250213 TuSimple The name of the applicant has been altered to **TuSimple, Inc.**

2018250416 Knauf Plasterboard Pty Limited The name of the applicant has been altered to **Etex Australia Pty Ltd**

2018256926 TuSimple The name of the applicant has been altered to **TuSimple, Inc.**

2018332264 Alpinestars Research Srl The name of the applicant has been altered to **Alpinestars Research S.p.A.**

2018336213 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2018350865 Leonardo MW Limited The name of the applicant has been altered to **Leonardo UK Ltd**

2018361538 Leonardo MW Limited The name of the applicant has been altered to **Leonardo UK Ltd**

2019

2019203110 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019204186 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019205085 Leonardo MW Limited The name of the applicant has been altered to **Leonardo UK Ltd**

2019208256 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019208258 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019222893 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019222900 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019226140 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

Amendments

2019226141 Fuji Xerox Co., Ltd. The name of the patentee has been altered to **FUJIFILM Business Innovation Corp.**

2019229413 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019232250 Leonardo MW Limited The name of the applicant has been altered to **Leonardo UK Ltd**

2019261686 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2019309583 McLaren Applied Technologies Limited The name of the applicant has been altered to **McLaren Applied Limited**

2019335055 The Board of The Regents Of The University Of Texas System The name of the applicant has been altered to **The Board of Regents of the University of Texas System**

2019351731 The United States Government as Represented by the Department of Veterans Affairs; The University of Pittsburg - of The Commonwealth of Higher Education; Xiamen University; University of Exeter The name of the applicant has been altered to **The United States Government as Represented by the Department of Veterans Affairs; The University of Pittsburg - of The Commonwealth of Higher Education; Xiamen University; UNIVERSITY OF EXETER**

2019422245 Wuhan Wuda Zoyon Science and Technology Co., Ltd. The name of the applicant has been altered to **Wuhan Optics Valley Zoyon Science and Technology Co., Ltd.**

2020

2020202505 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020202720 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020202748 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020203176 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020203177 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020203188 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020203345 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020203854 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

2020210235 Fuji Xerox Co., Ltd. The name of the applicant has been altered to **FUJIFILM Business Innovation Corp.**

Amendments**2021**

2021202162 Knauf Plasterboard Pty Limited The name of the applicant has been altered to **Etex Australia Pty Ltd**

2021202380 CFPH, LLC The name of the applicant has been altered to **CFPH, LLC; BGC Partners, Inc.**

2021900911 Cube Industrial Design Pty Ltd The name of the applicant has been altered to **Cube Design Pty Ltd**

2021901061 The University of Sydney; The University of New South Wales The name of the applicant has been altered to **NewSouth Innovations Pty Limited; The University of Sydney**

2021901144 The University of Sydney; The University of New South Wales The name of the applicant has been altered to **NewSouth Innovations Pty Limited; The University of Sydney**

2021901217 Commonwealth Scientific and Industrial Research Organisation The name of the applicant has been altered to **Commonwealth Scientific and Industrial Research Organisation; Monash University**

2021901252 Medsecure Pty Ltd The name of the applicant has been altered to **Medsecure Group Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 396419 B.C. Ltd.
 (11) AU-A-2021202392
 (21) 2021202392 (22) 20.04.2021
 (54) Compositions and methods for inhibiting Factor D
 (51) Int. Cl.
 C12N 15/115 (2010.01)
 A61K 31/7088 (2006.01)
 (43) 20.05.2021
 (62) 2017210042
 (72) Erickson, Carl; Rusconi, Christopher P.; McLure, Kevin G.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Abdelshahid, R.; Yousif, M.
 (11) AU-A-2019257545
 (21) 2019257545 (22) 02.11.2019
 (54) Our software aims to facilitate parking for users to the best of its ability by making the parking process fun and fast and that is solely based on users' inputs and interactions with the software to provide real-time data on any parking spots (paid & free) that become vacant or occupied whether in private and / or public areas. The objective of the app is to help users find parking quicker and faster in a fun way that will eliminate the frustration of waiting or the worrying of not finding available spots upon arrival to destinations. Detailed description will be found in the app prototype.
 (51) Int. Cl.
 G08G 1/14 (2006.01)
 G06Q 10/02 (2012.01)
 G06Q 30/06 (2012.01)
 (43) 20.05.2021
 (72) Abdelshahid, Ramez Milad Sabet Gendy; Yousif, Milad
 (74) Ramez Milad Sabet Gendy Abdelshahid

(71) Acceleron Pharma, Inc.
 (11) AU-A-2021202382
 (21) 2021202382 (22) 20.04.2021
 (54) Methods for increasing red blood cell levels and treating sickle-cell disease
 (51) Int. Cl.
 C07K 16/46 (2006.01)
 A61K 38/17 (2006.01)
 A61K 38/18 (2006.01)
 A61P 7/06 (2006.01)
 C07K 16/22 (2006.01)
 (43) 20.05.2021
 (62) 2015247459
 (72) Kumar, Ravindra; Suragani, Naga Venkata Sai Rajasekhar
 (74) Shelston IP Pty Ltd.

(71) Acceleron Pharma Inc.
 (11) AU-A-2021202419
 (21) 2021202419 (22) 21.04.2021
 (54) Truncated ActRIIB-FC fusion proteins
 (51) Int. Cl.
 C07K 14/705 (2006.01)
 A61K 38/17 (2006.01)
 A61P 3/00 (2006.01)
 (43) 20.05.2021
 (62) 2019253782
 (72) Seehra, Jasbir; Kumar, Ravindra
 (74) Shelston IP Pty Ltd.

(71) Accenture Global Solutions Limited
 (11) AU-A-2019261672
 (21) 2019261672 (22) 04.11.2019
 (54) CRYPTOLOGIC COORDINATED SYMMETRIC CONDITIONAL KEY RELEASE
 (51) Int. Cl.
 H04L 9/08 (2006.01)
 G06F 21/60 (2013.01)
 G06Q 20/02 (2012.01)
 (31) 16/668,829 (32) 30.10.19 (33) US
 (43) 20.05.2021
 (72) OLEKSS, Janis; EDWARDS, Fraser; de ROOIJ, Peter Jacobus Nicolaas
 (74) Murray Trento & Associates Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2020220153
 (21) 2020220153 (22) 20.08.2020
 (54) ROBUST WARPING VIA MULTI-SCALE PATCH ADVERSARIAL LOSS FOR VIRTUAL TRY-ON
 (51) Int. Cl.
 G06T 7/33 (2017.01)
 (31) 16/673,574 (32) 04.11.19 (33) US
 (43) 20.05.2021
 (72) Ayush, Kumar; K, Balaji; Jandial, Suragan; Hemani, Mayur; Chopra, Ayush
 (74) RnB IP Pty Ltd

(71) Adox Pty Ltd
 (11) AU-A-2021202484
 (21) 2021202484 (22) 22.04.2021
 (54) Monitoring System
 (51) Int. Cl.
 G08G 1/04 (2006.01)
 G08G 1/017 (2006.01)
 (43) 20.05.2021
 (62) 2019204088
 (72) DEHLSSEN, Grant
 (74) Wallington-Dummer

(71) Altech Chemicals Australia Pty Ltd
 (11) AU-A-2021201653
 (21) 2021201653 (22) 16.03.2021

(54) A Method for the Preparation of Smelter Grade Alumina
 (51) Int. Cl.
 C01F 7/38 (2006.01)
 C01F 7/02 (2006.01)
 C22B 3/04 (2006.01)
 C22B 3/20 (2006.01)
 C22B 21/00 (2006.01)
 C22B 3/10 (2006.01)
 (43) 20.05.2021
 (62) 2018233001
 (72) Liu, Jingyuan; Tan, Ignatius Kim Seng
 (74) WRAYS PTY LTD

(71) Apple Inc.
 (11) AU-A-2020239727
 (21) 2020239727 (22) 24.09.2020
 (54) Devices, methods, and graphical user interfaces for interacting with user interface objects corresponding to applications
 (51) Int. Cl.
 G06F 3/048 (2013.01)
 (31) 62/987,870 (32) 10.03.20 (33) US
 62/987,871 11.03.20 US
 63/008,656 10.04.20 US
 63/023,237 11.05.20 US
 63/041,993 21.06.20 US
 (43) 20.05.2021
 (72) TYLER, William M.; STACK, Caelan G.; FOSS, Christopher P.; DALONZO, Christian; FEDERIGHI, Craig M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Arcadis U.S. Inc.
 (11) AU-A-2020260500
 (21) 2020260500 (22) 29.10.2020
 (54) PASSIVE SAMPLER
 (51) Int. Cl.
 E02D 1/06 (2006.01)
 E02D 1/04 (2006.01)
 G01N 1/10 (2006.01)
 (31) 62/928,799 (32) 31.10.19 (33) US
 (43) 20.05.2021
 (72) Edmiston, Paul; Divine, Craig
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Axis Mining Technology Pty Ltd
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 E21B 47/06 (2012.01)
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G01L 1/00 (2006.01)
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A01C 23/00 (2006.01)
F21K 9/20 (2016.01)
F21V 21/00 (2006.01)
F21V 33/00 (2006.01)
G01F 23/00 (2006.01)
H05B 45/20 (2020.01)
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C07D 403/12 (2006.01)
A61K 31/55 (2006.01)
A61P 1/00 (2006.01)
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 E04B 1/16 (2006.01)
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 E04B 5/16 (2006.01)
 E04B 5/19 (2006.01)
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A23C 9/152 (2006.01)
A23C 9/16 (2006.01)
A23C 9/20 (2006.01)
A23L 33/135 (2016.01)
A61K 31/733 (2006.01)
A61K 35/744 (2015.01)
A61K 35/745 (2015.01)
A61P 3/06 (2006.01)
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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C12N 5/0789 (2010.01)
A61K 35/12 (2015.01)
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C07J 5/00 (2006.01)
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 paratus with safety protection
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H02J 7/00 (2006.01)

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G06Q 30/04 (2012.01)
G06F 16/11 (2019.01)
G06F 16/188 (2019.01)
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 (54) METHODS AND COMPOSITIONS
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F02B 37/18 (2006.01)
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G02B 27/00 (2006.01)
G02C 11/00 (2006.01)
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H04L 29/08 (2006.01)
H04W 24/08 (2009.01)

H04W 40/02 (2009.01)
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Dhall Samanta, L. see Manoj, A.
(21) 2021101703

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(11) AU-A-2021101577
(21) 2021101577 **(22)** 27.03.2021
(54) AN IOT BASED SYSTEM FOR EMERGENCY HEALTHCARE
(51) Int. Cl.
G16H 40/67 (2018.01)
A61B 5/00 (2006.01)
G16H 20/17 (2018.01)
G16H 80/00 (2018.01)
G16Y 10/60 (2020.01)
G16Y 20/40 (2020.01)
A61B 5/01 (2006.01)
A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/1455 (2006.01)
A61M 5/20 (2006.01)
(45) 20.05.2021
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(74) Gaurav Dhiman

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(21) 2021101716

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E, A.J. see S, K.
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(71) Environmental Horticulture Research
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(11) AU-A-2021101595

(21) 2021101595 (22) 29.03.2021

(54) SSR molecular marker primer set for identifying *Cattleya* Alliance and use thereof

(51) Int. Cl.

C12Q 1/6895 (2018.01)

(31) 202110130211.7 (32) 29.01.21 (33) CN

(45) 20.05.2021

(72) LI, Zuo; XIAO, Wenfang; LV, Fubing; CHEN, Heming; ZHU, Genfa

(74) Remarkable IP

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Institute of Guangdong Academy of Agricultural Sciences

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(21) 2021101596 (22) 29.03.2021

(54) SSR molecular marker primer set for identifying *Rhynchosstylis* and use thereof

(51) Int. Cl.

C12Q 1/6895 (2018.01)

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(21) 2021100770

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(11) AU-A-2021101621

(21) 2021101621 (22) 29.03.2021

(54) TRANSMISSION IMAGING DETECTION DEVICE AND ITS COMPUTERIZED TOMOGRAPHY SYSTEM

(51) Int. Cl.

G01N 23/046 (2018.01)

G06T 11/00 (2006.01)

(45) 20.05.2021

(62) PCT/CN2019/106732

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A62C 37/36 (2006.01)

A62C 99/00 (2010.01)

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(74) Mohit Kukreja

(71) GLASS BOTTOM PTY LTD

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(54) A housing for a camera and a camera

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H04N 5/225 (2006.01)

G03B 17/08 (2021.01)

G03B 17/56 (2021.01)

H04N 7/18 (2006.01)

H05B 45/00 (2020.01)

H04Q 1/02 (2006.01)

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(54) Chalk Dispensing Handheld Apparatus

(51) Int. Cl.

B05C 17/01 (2006.01)

B05C 19/00 (2006.01)

B05C 19/06 (2006.01)

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B03D 1/14 (2006.01)

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G01N 27/26 (2006.01)

G01N 27/413 (2006.01)

G01N 1/34 (2006.01)

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(72) Chen, Jianhua

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(71) Guilin University Of Electronic Technology; Anhui Jihua New Material Co., Ltd.

(11) AU-A-2021101625

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(54) LaCeNi MAGNETIC MICROWAVE ABSORBING MATERIAL AND PREPARATION METHOD THEREOF

(51) Int. Cl.

B22F 9/04 (2006.01)

C22C 1/02 (2006.01)

C22C 19/03 (2006.01)

C22F 1/02 (2006.01)

C22F 1/10 (2006.01)

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(11) AU-A-2021101755

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 (51) Int. Cl.
G05B 13/04 (2006.01)
G05B 17/00 (2006.01)
G06Q 10/04 (2012.01)
G06Q 50/02 (2012.01)
G06F 30/20 (2020.01)
 (45) 20.05.2021
 (72) Hao, Zhengzheng
 (74) DESHENG WU

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 (54) A Multi-method Joint Evaluation Software Construction Method Based on Nonlinear Evaluation Theory
 (51) Int. Cl.
G06Q 10/06 (2012.01)
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 (21) 2021101739 (22) 06.04.2021
 (54) Dedicated Light Source and Lamp for Diabetic Retinopathy
 (51) Int. Cl.
A61N 5/06 (2006.01)
F21V 33/00 (2006.01)
A61N 5/067 (2006.01)
F21Y 115/10 (2016.01)
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 (51) Int. Cl.
G01N 30/72 (2006.01)
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 (51) Int. Cl.
C01G 23/08 (2006.01)
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 (51) Int. Cl.
B01D 35/30 (2006.01)
B01D 29/15 (2006.01)
B01D 29/23 (2006.01)
F02M 37/32 (2019.01)
 (31) 202141008380 (32) 27.02.21 (33) IN
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 (74) Basavaraj Teli

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 (11) AU-A-2021101754
 (21) 2021101754 (22) 06.04.2021
 (54) METHOD FOR COATING AN ORGANIC SHELL LAYER ON ABRASIVE SURFACE WITH SILANE COUPLING AGENTS
 (51) Int. Cl.
C09K 3/14 (2006.01)
B24D 3/00 (2006.01)
B24D 3/24 (2006.01)
B24D 3/28 (2006.01)
B24D 3/34 (2006.01)
B24D 18/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2021101692
 (21) 2021101692 (22) 01.04.2021

(54) HIERARCHICAL WATER DISTRIBUTION METHOD AND SYSTEM BASED ON SPATIAL AND TEMPORAL WATER BALANCE OF ECOLOGICAL GATE
 (51) Int. Cl.
G05B 13/04 (2006.01)
G06N 5/04 (2006.01)
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 (74) Collison & Co

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 (11) AU-A-2021101693
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 (54) METHOD FOR DETERMINING WATER USE EFFICIENCY OF VEGETATION LAYER AND EVAPOTRANSPIRATION WATER-GROSS PRIMARY PRODUCTION-WATER USE EFFICIENCY MEASURING DEVICE
 (51) Int. Cl.
G01D 21/02 (2006.01)
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 (31) 202011305367.6 (32) 19.11.20 (33) CN
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 (11) AU-A-2021101658
 (21) 2021101658 (22) 31.03.2021
 (54) Improved twist resistant roof structure
 (51) Int. Cl.
E04D 13/16 (2006.01)
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E04G 21/32 (2006.01)
 (45) 20.05.2021
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 (21) 2021101599 (22) 29.03.2021
 (54) AN IOT BASED SELF PHASED ANALYSIS OF ADVERSE EFFECTS IN COVID RECOVERED PATIENTS
 (51) Int. Cl.
G16H 50/80 (2018.01)
G06N 5/00 (2006.01)
G06N 20/00 (2019.01)
G16H 10/60 (2018.01)
G16H 50/20 (2018.01)

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(54) A screw fastener
(51) Int. Cl.
F16B 25/10 (2006.01)
F16B 35/04 (2006.01)
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(62) 2017219062
(72) CAMILLERI, Mark Anthony; MARSHALL, Bryan Hugh
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(21) 2021101623 **(22)** 29.03.2021
(54) DUAL-FLUORESCENT PCR PRIMER AND DETECTION KIT FOR PORCINE CIRCOVIRUS TYPE 2 AND PORCINE CIRCOVIRUS TYPE 3, AND USE THEREOF
(51) Int. Cl.
C12Q 1/70 (2006.01)
C12Q 1/686 (2018.01)
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(21) 2021101634 **(22)** 30.03.2021
(54) DISINFECTION AND PURIFICATION DEVICE FOR REMOVING AMMONIA GAS AND HYDROGEN SULFIDE GAS FROM HOT AIR IN HOG HOUSES
(51) Int. Cl.
B01D 53/76 (2006.01)
A01K 1/00 (2006.01)
B01D 53/14 (2006.01)
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(51) Int. Cl.
C12Q 1/70 (2006.01)
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- (71)** Institute of Geology and Geophysics, Chinese Academy of Sciences
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(54) BOUNDARY TRUNCATION LAYER METHOD AND APPARATUS FOR THREE-DIMENSIONAL FORWARD MODELLING OF LOW-FREQUENCY
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G01V 99/00 (2009.01)
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(51) Int. Cl.
A01N 63/30 (2020.01)
A01N 25/10 (2006.01)
C12N 1/14 (2006.01)
C12R 1/645 (2006.01)
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(51) Int. Cl.
G06N 3/08 (2006.01)
G06K 9/62 (2006.01)
G06N 3/04 (2006.01)
G06F 16/50 (2019.01)
G06T 3/40 (2006.01)
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A47B 9/20 (2006.01)
A47B 31/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
A47B 11/00 (2006.01)
G06K 9/00 (2006.01)
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(72) Singh, Dileep
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(54) IOT BASED SAFE FOOTWEAR RECOMMENDATION SYSTEM
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G06Q 30/06 (2012.01)
A61B 5/00 (2006.01)
A61B 5/0531 (2021.01)
G01L 19/00 (2006.01)
G01N 27/27 (2006.01)
G01N 27/30 (2006.01)
A47F 5/03 (2006.01)
A47F 7/08 (2006.01)
B65G 1/137 (2006.01)
G01L 9/00 (2006.01)
(45) 20.05.2021
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(51) Int. Cl.
A63B 55/30 (2015.01)
A63B 55/60 (2015.01)
G01N 17/02 (2006.01)
G01N 17/04 (2006.01)
A63B 55/40 (2015.01)
G05D 1/00 (2006.01)
G05D 1/02 (2020.01)
G05D 22/02 (2006.01)
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(54) CUSTOMIZABLE SWINGING DEVICE
(51) Int. Cl.
A47C 3/025 (2006.01)
A63G 9/16 (2006.01)
G06K 9/00 (2006.01)

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G06K 9/36 (2006.01)
G06T 7/10 (2017.01)
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B60P 7/08 (2006.01)
B60P 7/135 (2006.01)
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(74) Armour IP Pty Ltd
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SEARCH INSTITUTE
(11) AU-A-2021101753
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(54) WATER SOLUBLE FERTILIZER (WSF)
FOR IMPROVING COLD RESIST-
ANCE OF RICE AND WHEAT
(51) Int. Cl.
C05C 5/00 (2006.01)
C05G 5/00 (2020.01)
A01N 37/42 (2006.01)
A01N 57/20 (2006.01)
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Tinggang; JIA, Yanyan
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ture Science And Technology Institute
Jiangsu Xuzhou Sweetpotato Research
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fiber from sweet potato
(51) Int. Cl.
A23L 19/10 (2016.01)
A23L 5/20 (2016.01)
A23L 5/30 (2016.01)
A23L 5/00 (2016.01)
(45) 20.05.2021
(72) Sun, Jian; Niu, Fuxiang; Zhu, Hong;
Yue, Ruixue; Zhang, Yongyue; Xu, Fei;
Zhang, Yi; Wang, Hongyun; Zhang,
Wenting; Ma, Chen
(74) Alder IP Pty Ltd
-
- (71)** Jilin Agricultural University; Jilin Friend
Food Co., Ltd
(11) AU-A-2021101649
(21) 2021101649 **(22)** 30.03.2021
(54) A kind of plant-based food production
formula and its preparation method
(51) Int. Cl.
A23J 3/22 (2006.01)
A23J 1/00 (2006.01)
A23J 1/12 (2006.01)
A23J 3/16 (2006.01)
A23J 3/18 (2006.01)
A23L 11/00 (2021.01)
(45) 20.05.2021
(72) Yu, Hansong; Hu, Xiaoquan; Wei, Ji-
an; Hu, Yaohui; Zhu, Nannan; LV, Bo;
Wang, Yuhua; Piao, Chunhong; Liu,
Junmei
(74) Alder IP Pty Ltd
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- Jilin Friend Food Co., Ltd see Jilin Agricul-
tural University**
(21) 2021101649
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- (71)** Jinan Fruit Research Institute All China
Federation of Supply and Marketing
Co-operatives
(11) AU-A-2021101601
(21) 2021101601 **(22)** 29.03.2021
(54) Method for reducing methanol con-
tent in fruit wine and fruit wine with low
methanol content
(51) Int. Cl.
C12G 3/024 (2019.01)
C12G 3/08 (2006.01)
(31) 202110136874.X **(32)** 01.02.21 **(33)** CN
(45) 20.05.2021
(72) ZHAO, Yan; YU, Xiaobin; ZHU,
Fengtao; MA, Yinfei; CHU, Le; LIU,
Guangpeng; LI, Gen; HE, Fatao; LU,
Yao
(74) Armour IP Pty Ltd
-
- (71)** Jinan University
(11) AU-A-2021101521
(21) 2021101521 **(22)** 25.03.2021
(54) A laser confocal microscope carrier
device for eukaryotic cell culture
-
- (51)** Int. Cl.
C12M 1/34 (2006.01)
C12M 3/00 (2006.01)
G02B 21/00 (2006.01)
G02B 21/34 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
C12M 1/32 (2006.01)
(45) 20.05.2021
(72) Hou, Sen; Ruan, Yiming; Zhong,
Zheng; Yu, Daliang; Zha, Yingying; Li,
Ziwei
(74) Alder IP Pty Ltd
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- Joseph, N. see P, S.**
(21) 2021101725
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- Joshi, V.C. see Parmar, B.**
(21) 2021101430
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- Juno Services 8 Pty Ltd T/As Juno Home
Loans see Nepal, C.**
(21) 2021101593
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- K, H.K. see S, K.**
(21) 2021100672
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- K, N.K. see S, K.**
(21) 2021100672
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- K, B. see Devarajan, B.**
(21) 2021100770
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- K, A. see Devarajan, B.**
(21) 2021100770
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- K, P.R. see Devarajan, B.**
(21) 2021100770
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- Kadam, A.R. see Bhelave, S.R.**
(21) 2021101716
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- Kapula, P.R. see Krishnamoorthy, R.**
(21) 2021101684
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- Karelia, N. see Rana, A.K.**
(21) 2021101497
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- Karelia, N. see Singh, M.**
(21) 2021101585
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- Karelia, N. see Singh, M.**
(21) 2021101587
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- Karuppanan, S. see P, S.**
(21) 2021101725

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(71) KCG College of Technology

(11) AU-A-2021101655

(21) 2021101655 (22) 30.03.2021

(54) A PROCESS FOR DESIGNING OF CYBER PHYSICAL CONTROLLER FOR OPTIMAL DISPATCH OF VIRTUAL POWER PLANT

(51) Int. Cl.

H02J 3/38 (2006.01)

G06Q 10/04 (2012.01)

G06Q 50/06 (2012.01)

H02J 3/32 (2006.01)

H02J 13/00 (2006.01)

(45) 20.05.2021

(72) Jacob, Annie; Sundari, P. Deiva; Anuradha, T.; Murugan, R.; Tony, A. Arvin

(74) KCG College of Technology

Khairnar, P.N. see Nalinipriya, G.

(21) 2021101730

Khan, M.Z. see Pattanaik, P.A.

(21) 2021101461

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(21) 2021101577

(71) Kilmallock (ACT) Pty Ltd

(11) AU-A-2021101689

(21) 2021101689 (22) 01.04.2021

(54) Curtain Blind

(51) Int. Cl.

A47H 15/00 (2006.01)

A47H 13/00 (2006.01)

A47H 23/04 (2006.01)

E06B 9/36 (2006.01)

(45) 20.05.2021

(62) 2019100463

(72) Kim, Sung Chul

(74) MEYER WEST IP PTY LTD

K N, A. see I, J.S.J.

(21) 2021101599

K N, S.K. see P, R.P.

(21) 2021101685

Kolli, S.S. see Riyazuddin, Y.

(21) 2021101675

K R, S. see Krishnamoorthy, R.

(21) 2021101684

(71) Krishnamoorthy, R.; Jayaprakash, H.; P, L.; Srikanth, A.; K R, S.; Chaithra, P.; Nayak, S.; Patil, P.V.; Kapula, P.R.; Ambore, B.; A S, M.K.

(11) AU-A-2021101684

(21) 2021101684 (22) 01.04.2021

(54) DEEP LEARNING BASED REAL TIME SMART DETECTION OF ACCIDENT VICTIMS ON HIGHWAYS

(51) Int. Cl.

G06T 7/10 (2017.01)

G06K 9/00 (2006.01)

G06N 3/04 (2006.01)

G08B 21/02 (2006.01)

G08B 21/04 (2006.01)

G08G 1/00 (2006.01)

(45) 20.05.2021

(72) Krishnamoorthy, R.; Jayaprakash, H. V.; P., Lakshmi; Srikanth, Abhiram; K. R., Shobha; Chaithra, Prerana; Nayak, Shantharam; Patil, Pramod V.; Kapula, Prabhakara Rao; Ambore, Bhagyashree; A. S., Mahesh Kumar

(74) JAGANNATH JADHAV

KRISHNAN, B. see I, J.S.J.

(21) 2021101599

Krishnaraju, A. see Nalinipriya, G.

(21) 2021101730

Kumar, A. see Tiwari, G.

(21) 2021101579

Kumar, V. see Singh, J.

(21) 2021101672

Kumar, N. see Upreti, K.

(21) 2021101706

Kumar, M. see Ghosh, A.

(21) 2021101723

Kumar, A. see Mehrotra, T.

(21) 2021101733

Kumar, S. see Mehta, M.

(21) 2021101767

Kumar Sahoo, K. see Manoj, A.

(21) 2021101703

Kumar Singh, D. see Parmar, B.

(21) 2021101430

(71) Kuri, M.; Goar, V.K.; Sharma, A.

(11) AU-A-2021101711

(21) 2021101711 (22) 02.04.2021

(54) CLOUD INTELLIGENCE-BASED ENERGY AWARE RESOURCE MANAGEMENT SYSTEM FOR DECENTRALIZED NETWORKS

(51) Int. Cl.

G06Q 10/06 (2012.01)

G16Y 20/30 (2020.01)

G16Y 40/35 (2020.01)

(45) 20.05.2021

(72) Kuri, Manoj; Goar, Vishal Kumar; Sharma, Aditi

(74) Lakshmi Narayanan

L, M.A. see Devarajan, B.

(21) 2021100770

Lakhani, B. see Mehrotra, T.

(21) 2021101733

Lakshmi, K.V. see Riyazuddin, Y.

(21) 2021101675

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(21) 2021101628

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(21) 2021101577

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(21) 2021100770

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(21) 2021101721

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(21) 2021101725

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(21) 2021101725

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(21) 2021101725

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(21) 2021101628

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(21) 2021101672

Mainali, B.P. see Nepal, C.

(21) 2021101593

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(21) 2021101702

(71) Malviya, R.; Fuloria, N.K.; Fuloria, S.; Subramanian, V.; Meenakshi, D.U.; Vanteddu, V.G.; Dahiya, R.; Dahiya, S.; Narra, K.; Ganesan, P.

(11) AU-A-2021101624

(21) 2021101624 (22) 29.03.2021

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- (54) NANOPARTICLE FORMULATION AND METHOD FOR PREPARATION THEREOF
- (51) Int. Cl.
A61K 9/14 (2006.01)
A61K 31/7048 (2006.01)
A61K 47/36 (2006.01)
- (45) 20.05.2021
- (72) Malviya, Rishabha; Fuloria, Neeraj Kumar; Fuloria, Shivkanya; Subramaniyan, Vetriselvan; Meenakshi, Dhanalekshmi Unnikrishnan; Vanteddu, Venkata Gangadhar; Dahiya, Rajiv; Dahiya, Sunita; Narra, Kishore; Ganesan, Poovi
- (74) LAMINAR IP PTY LTD
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- (71) Mandloi, J.; Bhujade, R.K.
(11) AU-A-2021100953
(21) 2021100953 (22) 20.02.2021
- (54) COMPUTER IMPLEMENTED METHOD FOR SANITIZATION & PHYSICAL DISTANCE MONITORING AND MANAGEMENT IN HOSPITAL CAMPUS
- (51) Int. Cl.
G16H 40/20 (2018.01)
G08B 21/24 (2006.01)
H04W 4/38 (2018.01)
G01N 33/00 (2006.01)
G05B 19/406 (2006.01)
- (45) 20.05.2021
- (72) Mandloi, Jasvant; Bhujade, Rakesh Kumar
- (74) Jasvant Mandloi
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- Manjunath, T. see P, R.P.**
(21) 2021101685
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- (71) Manoj, A.; Awari, G.K.; Sekhar Puhan, P.; Bikash Acharjee, P.; Balaji, B.S.; Kumar Sahoo, K.; Hussain Sheikh, T.; Murat Singh, R.; Mishra, V.; Babbar, A.; Sharma, A.; Sankar, S.; Dhall Samanta, L.
(11) AU-A-2021101703
(21) 2021101703 (22) 02.04.2021
- (54) 3D PRINTING OF COST-EFFECTIVE HUMAN SKULL MODELS AND SKULL IMPLANTS
- (51) Int. Cl.
B22F 10/28 (2021.01)
A61F 2/28 (2006.01)
B22F 10/85 (2021.01)
C22C 14/00 (2006.01)
B33Y 10/00 (2015.01)
B33Y 50/02 (2015.01)
B33Y 80/00 (2015.01)
G09B 23/30 (2006.01)
- (45) 20.05.2021
- (72) Manoj, Aluri; Awari, G. K.; Sekhar Puhan, Pratap; Bikash Acharjee, Purnendu; Balaji, B. Saravana; Kumar Sahoo, Kalyan; Hussain Sheikh, Tariq; Murat Singh, Ram; Mishra, Vibhor; Babbar, Atul; Sharma, Ankit; Sankar, S.; Dhall Samanta, Lokanatha
- (74) Blessen Skariah Thomas
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- (71) Masih, J.; Deshpande, M.; Pitman, G.; Singh, H.; Lobo, V.; Sarvate, D.; Patidar, A.; Vijayvargiya, S.; Sharma, H.; Maheshwari, A.; Nimonkar, Y.
(11) AU-A-2021101628
(21) 2021101628 (22) 30.03.2021
- (54) SUSTAINABLE MANUFACTURING OF ORGANIC FERTILIZER
- (51) Int. Cl.
A01C 3/02 (2006.01)
C05F 3/00 (2006.01)
C05F 3/06 (2006.01)
- (45) 20.05.2021
- (72) Masih, Jolly; Deshpande, Manojkumar; Pitman, Grant; Singh, Harvinder; Lobo, Vivian; Sarvate, Dipali; Patidar, Aayush; Vijayvargiya, Sarita; Sharma, Hemant; Maheshwari, Arpit; Nimonkar, Yamini
- (74) Blessen Skariah Thomas
-
- (71) McDonald, P.
(11) AU-A-2021101204
(21) 2021101204 (22) 08.03.2021
- (54) iConnexus - Eye contact tracking technology Utilising eye tracking technology (through smart glasses, contact lenses or otherwise), mutual eye contact will be measured between 2 or more users. This will be recorded in software (eg an App). The intention is it will support stronger relationship building, for example in couples, business settings, or may also be used to identify any potential issues such as trustworthiness, for example in political or military situations. Other uses of the core invention are also related to this.
- (51) Int. Cl.
G06F 3/01 (2006.01)
G06Q 50/00 (2012.01)
- (45) 20.05.2021
- (72) McDonald, Patrick
- (74) Patrick McDonald
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- M D, S. see SATHEESHA, T.Y.**
(21) 2021101321
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- Meenakshi, D.U. see Malviya, R.**
(21) 2021101624
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- (71) Mehrotra, T.; Verma, N.; Shukla, N.; Rathore, N.; Goyal, R.; Kumar, A.; Hans, K.; Saxena, A.K.; Saxena, S.; Lakhani, B.
(11) AU-A-2021101733
(21) 2021101733 (22) 06.04.2021
- (54) Internet of Things (IoT) System and Method for Smart Hotel Location and Internal Status Update
- (51) Int. Cl.
G16Y 40/35 (2020.01)
G06Q 50/12 (2012.01)
G16Y 10/80 (2020.01)
G06Q 30/02 (2012.01)
- (45) 20.05.2021
- (72) Mehrotra, Tushar; Verma, Neha; Shukla, Neha; Rathore, Nisha; Goyal, Rohit; Kumar, Amit; Hans, Kanchan; Saxena, Aditya Kishore; Saxena, Sandeep; Lakhani, Bhawana
- (74) Tushar Mehrotra
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- (71) Mehta, M.; Noronha, S.; Kumar, S.; D, L.; N. Harinkhede, S.; Suganthi, S.T.; Bhende, N.V.; Sharma, A.; Sharma, K.; Sharma, N.; Bhau, G.V.; Mullemwar, S.Y.; Balaji, B.S.; Panda, S.K.
(11) AU-A-2021101767
(21) 2021101767 (22) 07.04.2021
- (54) Fabrication of portable device for easy detection of Neonatal Milia Using Deep learning
- (51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
G06T 7/00 (2017.01)
G06T 7/168 (2017.01)
G16H 30/40 (2018.01)
- (45) 20.05.2021
- (72) Mehta, Mayuri; Noronha, Stephanie; Kumar, Sachin; D., Lakshmi; N. Harinkhede, Sanjiv Kumar; Suganthi, S. T.; Bhende, Nikhil Vasant; Sharma, Anita; Sharma, Kanchan; Sharma, Nitin; Bhau, Gaikar Vilas; Mullemwar, Suyash Yashwantrao; Balaji, B. Saravana; Panda, Santosh Kumar
- (74) Mayuri Mehta
-
- Memoria, M. see Singh, L.**
(21) 2021101734
-
- Miri, R. see Pinjarkar, L.**
(21) 2021101582
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- Mishra, J. see Tiwari, M.**
(21) 2021100630
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- Mishra, D. see Pinjarkar, L.**
(21) 2021101582
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- Mishra, S. see Dash, T.K.**
(21) 2021101586
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- Mishra, V. see Manoj, A.**
(21) 2021101703
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- (71) Mishra, D.
(11) AU-A-2021101736
(21) 2021101736 (22) 06.04.2021
- (54) A METHOD FOR ANALYZING AND OPTIMIZING VIOLENCE AGAINST WOMEN ON SOCIAL NETWORKING SITES
- (51) Int. Cl.
G06Q 50/22 (2018.01)
G06Q 50/00 (2012.01)
- (45) 20.05.2021
- (72) Mishra, Deepanjali
- (74) Deepanjali Mishra

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Mohan, D. see P, S.
(21) 2021101725

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(21) 2021101582

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(21) 2021101599

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(21) 2021101766

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(21) 2021101660

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(21) 2021101767

(71) Muralidhar, R.
(11) AU-A-2021100563
(21) 2021100563 (22) 29.01.2021
(54) An Active Learning Sentiment Analysis Framework for Mobile Phone Review Analysis using Deep Learning to Reduce Human Annotation
(51) Int. Cl.
G06N 5/02 (2006.01)
G06F 40/20 (2020.01)
G06F 40/30 (2020.01)
(45) 20.05.2021
(72) Muralidhar, Rathan; Hulipalled, Vishwanath
(74) Rathan Muralidhar

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(21) 2021101703

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(21) 2021101721

N. Harinkhede, S. see Mehta, M.
(21) 2021101767

Nadeem, D. see Upreti, K.
(21) 2021101706

(71) Nalinipriya, G.; Chakrabarti, T.; Hati, A.S.; Sharma, V.K.; Poddar, S.; Sampath Kumar, K.; Dhanabal, S.; Krishnaraju, A.; Khairmar, P.N.; Singh, A.K.; Chakrabarti, P.; Rama Devi, G.
(11) AU-A-2021101730
(21) 2021101730 (22) 05.04.2021
(54) Dedicated functional area for leg operated computer interactive device for handless people
(51) Int. Cl.
G06F 3/01 (2006.01)

A61F 4/00 (2006.01)
G06F 3/033 (2013.01)
(45) 20.05.2021
(72) Nalinipriya, G.; Chakrabarti, Tulika; Hati, Ananda Shankar; Sharma, Vinay Kumar; Poddar, Sandeep; Sampath Kumar, K.; Dhanabal, S.; Krishnaraju, A.; Khairmar, Prerana Nilesh; Singh, Ajay Kumar; Chakrabarti, Prasun; Rama Devi, G. Naga
(74) Lakshmi Narayanan

(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
(11) AU-A-2021101740
(21) 2021101740 (22) 06.04.2021
(54) Trapping Device for an Egg Mass of a Golden Apple Snail
(51) Int. Cl.
A01K 69/06 (2006.01)
(31) 202010266986.2 (32) 07.04.20 (33) CN
(45) 20.05.2021
(72) Hu, Yaping; Li, Xudong; Ge, Xiaomin; Zhou, Xu; Ding, Hui; Chen, Shuifei; Zhang, Wenwen; Wu, Yanqing; Yong, Fan; Wang, Le; Wu, Jun; Guo, Weibo
(74) HopgoodGanim

(71) Nanjing University of Information Science and Technology
(11) AU-A-2021101613
(21) 2021101613 (22) 29.03.2021
(54) MULTI-MODAL FEATURE FUSION-BASED FINGERPRINT LIVENESS DETECTION METHOD
(51) Int. Cl.
G06K 9/62 (2006.01)
G06K 9/00 (2006.01)
G06N 3/02 (2006.01)
G06T 7/11 (2017.01)
(45) 20.05.2021
(72) YUAN, Chengsheng; LI, Xinting; CHENG, Weijin; GU, Wei
(74) Patentec Patent Attorneys

Naronha, S. see Parmar, B.
(21) 2021101430

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(21) 2021101624

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(21) 2021101684

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(21) 2021101582

(71) Nepal, C.; Mainali, B.P.; Juno Services 8 Pty Ltd T/As Juno Home Loans
(11) AU-A-2021101593
(21) 2021101593 (22) 28.03.2021
(54) Home loans with a Variable interest rate tied to RBA official cash rate

(51) Int. Cl.
G06Q 40/02 (2012.01)
(45) 20.05.2021
(72) Nepal, Chandra Sekhar; Mainali, Binod Prasad
(74) Chandra Sekhar Nepal

Nijhawan, P. see Singh, M.
(21) 2021101585

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(21) 2021101587

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(21) 2021101628

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(21) 2021101734

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(21) 2021101461

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(21) 2021101767

(71) O'Driscoll, S.
(11) AU-A-2021101602
(21) 2021101602 (22) 29.03.2021
(54) PIPE CONNECTION AND SEPARATION APPARATUS
(51) Int. Cl.
B25B 27/02 (2006.01)
F16L 19/065 (2006.01)
F16L 19/07 (2006.01)
B25B 27/10 (2006.01)
F16L 9/12 (2006.01)
(45) 20.05.2021
(72) O'Driscoll, Shane
(74) Lord & Company

(71) Oriental University
(11) AU-A-2021101594
(21) 2021101594 (22) 28.03.2021
(54) MULTIBAND FREQUENCY RECONFIGURABLE BAND PASS FILTER FOR WIRELESS APPLICATIONS
(51) Int. Cl.
H01P 7/08 (2006.01)
H01P 1/203 (2006.01)
(45) 20.05.2021
(72) Gagare, Sunil; Thankachan, Dolly
(74) Oriental University

(71) OXTI CORPORATION
(11) AU-A-2021101549
(21) 2021101549 (22) 26.03.2021
(54) SECURELY MOUNTABLE/DISMOUNTABLE ELECTRONIC EQUIPMENT SUPPORT STAND
(51) Int. Cl.
F16M 11/08 (2006.01)
F16M 11/20 (2006.01)

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- F16M 11/24** (2006.01)
F16M 13/02 (2006.01)
G03B 21/14 (2006.01)
(45) 20.05.2021
(72) HO, CHIH FENG
(74) Alfred Lei
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- Oza, R. see Parmar, B.**
(21) 2021101430
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- P, M.K. see Devarajan, B.**
(21) 2021100770
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- P, M.J.S. see Devarajan, B.**
(21) 2021100770
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- P, M. see I, J.S.J.**
(21) 2021101599
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- P, L. see Krishnamoorthy, R.**
(21) 2021101684
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- (71)** P, R.P.; K N, S.K.; Gatti, R.; Chouhan, A.S.; G, V.; S, S.; Manjunath, T.; Shruthi, K.S.; H, A.; T H, N.; Vemakoti, V.; Shadaksharappa, B.
(11) AU-A-2021101685
(21) 2021101685 **(22)** 01.04.2021
(54) DESIGN AND DEVELOPMENT OF REAL TIME AUTOMATED ROUTING ALGORITHM FOR COMPUTER NETWORKS
(51) Int. Cl.
H04L 12/771 (2013.01)
H04L 12/715 (2013.01)
H04L 12/721 (2013.01)
H04L 12/751 (2013.01)
G06N 20/00 (2019.01)
(45) 20.05.2021
(72) P., Rajendra Prasad; K. N., Sunil Kumar; Gatti, Ravi; Chouhan, Arun Singh; G., Vasanth; S., Shivashankara; Manjunath, T. G.; Shruthi, K. S.; H., Annaiah; T. H., Naveen; Vemakoti, Vivekanand; Shadaksharappa, B.
(74) JAGANNATH JADHAV
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- (71)** P, S.; Joseph, N.; Mohan, D.; Virmani, D.; M. K., J.K.; Panda, B.S.; Karuppanan, S.; M, M.; T., S.; M.Ch, N.
(11) AU-A-2021101725
(21) 2021101725 **(22)** 05.04.2021
(54) The Computer Aided Diagnosis (CAD) System for the Detection of Alzheimer Disease Using MRI Real Images
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/055 (2006.01)
G06N 3/02 (2006.01)
G06T 5/00 (2006.01)
G06T 5/40 (2006.01)
G06T 7/00 (2017.01)
G16H 50/20 (2018.01)
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- (45)** 20.05.2021
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- Panda, S.K. see Mehta, M.**
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(54) INDIGENOUS COMPACT DEVICE FOR EARLY DIAGNOSIS OF NEONATAL HYPOTHYROIDISM USING DEEP LEARNING
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
G06K 9/00 (2006.01)
G06N 3/02 (2006.01)
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- Patil, S.B. see Jadhav, S.B.**
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- Patkure, L.B. see Bhosale, S.V.**
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(11) AU-A-2021101461
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(51) Int. Cl.
A61J 7/00 (2006.01)
G07F 9/00 (2006.01)
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G16H 20/13 (2018.01)
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(51) Int. Cl.
G08B 21/14 (2006.01)
F24C 3/12 (2006.01)
G16Y 10/35 (2020.01)
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G16Y 40/50 (2020.01)
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(74) Sumit Srivastava
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D21C 9/00 (2006.01)
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C09B 61/00 (2006.01)
A01H 4/00 (2006.01)
C07D 311/00 (2006.01)
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F21V 21/06 (2006.01)
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G08B 13/196 (2006.01)
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G06K 9/00 (2006.01)

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(74) Lakshmi Narayanan

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A61L 2/10 (2006.01)
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(51) Int. Cl.
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G06F 9/50 (2006.01)
G06Q 10/04 (2012.01)
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(51) Int. Cl.
C07K 14/27 (2006.01)
A01N 63/50 (2020.01)
C07H 21/04 (2006.01)
C12N 15/70 (2006.01)
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A61B 17/15 (2006.01)
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A61B 10/02 (2006.01)
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G01N 33/535 (2006.01)
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H04L 12/28 (2006.01)
G05B 15/02 (2006.01)
H04L 29/08 (2006.01)
H04N 7/18 (2006.01)
H04W 4/80 (2018.01)
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A01H 1/02 (2006.01)
C07K 14/415 (2006.01)
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A01K 67/02 (2006.01)
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G01R 31/52 (2020.01)
H02J 3/00 (2006.01)
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G01R 31/50 (2020.01)
H02H 7/26 (2006.01)
H02J 13/00 (2006.01)
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(74) Manjeet Singh

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(51) Int. Cl.
G06F 16/33 (2019.01)
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G16H 50/20 (2018.01)
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G16H 80/00 (2018.01)
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G01R 31/08 (2020.01)
H02H 1/00 (2006.01)
H02H 3/16 (2006.01)
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A23L 27/30 (2016.01)
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A61G 5/10 (2006.01)
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A23L 3/3472 (2006.01)
A23L 3/3499 (2006.01)
A23L 3/3508 (2006.01)
A23L 3/3526 (2006.01)
A23L 3/3544 (2006.01)
A23L 3/3562 (2006.01)
A23L 29/212 (2016.01)
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C12M 1/00 (2006.01)
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C12G 1/00 (2019.01)
A61K 36/734 (2006.01)
A61K 36/8969 (2006.01)
C12G 3/024 (2019.01)
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A61K 36/736 (2006.01)
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2021100563	Muralidhar, R.	2021101602	O'Driscoll, S.
2021100630	Tiwari, M.; Chugh, A.; Jain, C.; Mishra, J.; GOPAL, K.M.	2021101603	ADTRAN GmbH
2021100672	S, K.; E, A.J.; K, H.K.; S, G.; K, N.K.; S, S.; Sharma, K.B.	2021101604	Qingdao Agricultural University
2021100770	Devarajan, B.; K, B.; M, V.K.; K, A.; E, M.; K, P.R.; R, P.; E R, L.P.; L, M.A.; P, M.K.; P, M.J.S.	2021101605	Rosborough, R.
2021100945	Shandong Peanut Research Institute	2021101606	Xiangtan University
2021100953	Mandloi, J.; Bhujade, R.K.	2021101609	Thread Wallets LLC
2021101204	McDonald, P.	2021101610	Institute of Plant Protection, Henan Academy of Agricultural Sciences
2021101312	Arif, M.; Al-Hagri, M.G.; Shariq, M.; Rahman, I.; Ali Hassan, A.S.; Baqi, A.	2021101612	Jagran Lakecity University
2021101321	SATHEESHA, T.Y.; Satish, P.; M D, S.; H V, R.	2021101613	Nanjing University of Information Science and Technology
2021101335	Heilongjiang Bayi Agricultural University	2021101614	Jagran Lakecity University
2021101406	Southwest University	2021101616	Qilu University of Technology
2021101430	Parmar, B.; A. Mehta, M.; Joshi, V.C.; Oza, R.; Naronha, S.; Kumar Singh, D.; Chandra Panda, R.	2021101617	Shang, G.
2021101450	Grip Stik Pty Ltd; Quinn, N.; Romanov, A.	2021101618	Jagran Lakecity University
2021101461	Pattanaik, P.A.; Noorwali, A.; Ghandorh, H.W.; Javed, M.A.; Khan, M.Z.	2021101619	Jagran Lakecity University
2021101494	Zhejiang Jinheng Health Technology Co., Ltd.; Zhejiang Research Institute of Traditional Chinese Medicine Co., Ltd.	2021101620	Shang, G.
2021101497	Rana, A.K.; Pal, V.C.; Sohane, A.; Karelia, N.; Jha, A.K.; Ganguli, S.	2021101621	Fang, Z.
2021101513	Shenyang Agricultural University	2021101623	Institute of Animal Health, Guangdong Academy of Agricultural Sciences; Zhengzhou Zhongdao Biotechnology, Co. LTD
2021101521	Jinan University	2021101624	Malviya, R.; Fuloria, N.K.; Fuloria, S.; Subramanyan, V.; Meenakshi, D.U.; Vanteddu, V.G.; Dahiya, R.; Dahiya, S.; Narra, K.; Ganesan, P.
2021101524	Guangxi University	2021101625	Guilin University Of Electronic Technology; Anhui Jihua New Material Co., Ltd.
2021101543	Xuzhou University Of Technology	2021101626	WANG, X.
2021101549	OXTI CORPORATION	2021101627	Xuzhou University of Technology
2021101550	Andoni, E.	2021101628	Masih, J.; Deshpande, M.; Pitman, G.; Singh, H.; Lobo, V.; Sarvate, D.; Patidar, A.; Vijayvargiya, S.; Sharma, H.; Maheshwari, A.; Nimonkar, Y.
2021101553	Strong Power Electric Co., Ltd	2021101629	Institute of Geology and Geophysics, Chinese Academy of Sciences
2021101558	Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited	2021101631	Closed Loop Environmental Solutions Pty Ltd
2021101559	GLASS BOTTOM PTY LTD	2021101632	Henan University
2021101577	Dhiman, G.; Tharewal, S.; Singholi, A.K.; Khan, I.R.; Ashfaque, M.W.; Dutta, S.; Ganavdiya, S.; Subramanian, S.; Agrawal, S.; Lunagarua, M.	2021101634	Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Sciences
2021101579	Tiwari, G.; Tiwari, R.; Shekhar, R.; Singh, A.; Ramachandran, V.; Sharma, P.; Kumar, A.; Asthana, M.	2021101640	Department of Plant Protection, College of Agriculture and Food Science, Zhejiang A & F University; Pherobio Technology Co., Ltd
2021101580	Central South University	2021101642	Sugarcane research insitiitue, Guangxi Academy of Agricultural Sciences
2021101581	Central South University	2021101645	Sichuan Animal Science Academy
2021101582	Pinjarkar, L.; Sharaff, A.; Sharma, S.; Saritha, S.K.; Mohiddin, M.K.; Miri, R.; Bagga, J.; Sharma, A.; Mishra, D.; Nayyar, A.	2021101646	Tianjin Sino-German University of Applied Sciences
2021101584	S, C.; BASHEER, J.M.; B, P.	2021101648	Yangzhou University
2021101585	Singh, M.; Ganguli, S.; Karelia, N.; Nijhawan, P.; Ahmad, F.	2021101649	Jilin Agricultural University; Jilin Friend Food Co., Ltd
2021101586	Dash, T.K.; Sahoo, P.K.; Mishra, S.; GopiKrishna, T.; Panda, G.	2021101650	Taiyuan University of Technology; Taiyuan Mechanical Electro-hydraulic Limited Company
2021101587	Singh, M.; Ganguli, S.; Nijhawan, P.; Karelia, N.; Singh, A.	2021101654	AA Innovation Pty Ltd
2021101589	Praveenchandar, J.; Chakrabarti, T.; Hati, A.S.; Chhawchharia, P.; Sivasankaran, P.; Padmapriya, G.; Sudevan, S.; Sivaraman, A.R.; .B, U.G.; Sangale, M.D.; Chakrabarti, P.; Devi, G.R.	2021101655	KCG College of Technology
2021101590	Usha Kumari, C.; Chakrabarti, T.; Hati, A.S.; Rani, T.; Rama Bai, M.; Pawar, K.P.; Pratyush, K.; Sreedevi, J.; Sujini, G.N.; Bindu, J.H.; Chakrabarti, P.; Srinivas, Y.	2021101657	COLD ROLLED SYSTEMS LIMITED
2021101593	Nepal, C.; Mainali, B.P.; Juno Services 8 Pty Ltd T/As Juno Home Loans	2021101658	Hurst, M.
2021101594	Oriental University	2021101660	Shrivastava, A.; Jaiswal, S.; Sridevi, R.; Jaiswal, T.; Singh, A.; Shukla, B.D.; Vatchala, S.; Pawar, S.; Bata, O.; Mukati, N.

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2021101665	CuttPay Pty Ltd	2021101741	Xuzhou University of Technology
2021101666	Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing 100193, China; Beijing Tonghe Litai Biotechnology Co. Ltd	2021101742	Aier Eye Hospital Group Co., Ltd; Aier Institute of Optometry & Vision Science
2021101669	Chengdu University of Technology	2021101745	Xuzhou University of Technology
2021101670	Chengdu University of Technology	2021101747	Wenzhou Medical University
2021101672	Singh, J.; Sharma, B.C.; Sajid, M.; Saini, M.; Kumar, V.; Maheshwari, S.; Agrawal, G.	2021101753	JIANGSU XUHUAI AREA HUAIYIN AGRICULTURAL SCIENCE RESEARCH INSTITUTE
2021101675	Riyazuddin, Y.; Hrudaya Neeharika, C.; Sandya, K.; Vijaya Lakshmi, D.; Lakshmi, K.V.; Pasula, S.R.; Kolli, S.S.; G, M.; Prasanna, K.V.; Asmika, B.	2021101754	Huaqiao University
2021101676	Clearvue Technologies Ltd	2021101755	Hao, Z.
2021101682	Jadhav, S.B.; Patil, S.B.; Patil, A.S.	2021101756	Harbin Engineering University
2021101684	Krishnamoorthy, R.; Jayaprakash, H.; P, L.; Srikanth, A.; K R, S.; Chaithra, P.; Nayak, S.; Patil, P.V.; Kapula, P.R.; Ambore, B.; A S, M.K.	2021101762	Vishwakarma Institute of Information Technology
2021101685	P, R.P.; K N, S.K.; Gatti, R.; Chouhan, A.S.; G, V.; S, S.; Manjunath, T.; Shruthi, K.S.; H, A.; T H, N.; Vemakoti, V.; Shadaksharappa, B.	2021101763	Vishwakarma Institute of Information Technology
2021101686	Chengdu Zoo	2021101764	Vishwakarma Institute of Information Technology
2021101688	Beijing Institute of Technology	2021101766	Agarwal, P.; Alam, M.A.; Zafar, S.; Dhand, G.; Yadav, A.; Sheoran, K.; Rathee, S.; Mufti, T.; Doja, F.; Biswas, S.S.
2021101689	Kilmallock (ACT) Pty Ltd	2021101767	Mehta, M.; Noronha, S.; Kumar, S.; D, L.; N. Harinkhede, S.; Suganthi, S.T.; Bhende, N.V.; Sharma, A.; Sharma, K.; Sharma, N.; Bhau, G.V.; Mullemwar, S.Y.; Balaji, B.S.; Panda, S.K.
2021101692	HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	2021101770	Zhejiang Longming Health Management Consulting Co., Ltd.
2021101693	HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	2021101771	China University of Geosciences (Beijing)
2021101694	Xuzhou University of Technology; Xuzhou Zhengchang Feed Co., Ltd		
2021101695	Whyte, L.		
2021101698	Anhui University of Technology		
2021101700	Xuzhou University of Technology		
2021101702	Bhosale, S.V.; Bhosale, P.S.; Sunil V., A.; Patkure, L.B.; Mali, S.Y.; Ingale, U.U.; Bhosale, S.V.		
2021101703	Manoj, A.; Awari, G.K.; Sekhar Puhan, P.; Bikash Acharjee, P.; Balaji, B.S.; Kumar Sahoo, K.; Hussain Sheikh, T.; Murat Singh, R.; Mishra, V.; Babbar, A.; Sharma, A.; Sankar, S.; Dhall Samanta, L.		
2021101704	Teamlink Platform Pty Ltd		
2021101706	Upreti, K.; Vargis, B.K.; Syed, M.H.; Kumar, N.; Singh, S.R.; Panwar, P.; Dixit, N.K.; Tajuddin, M.; Nadeem, D.; Rolania, D.; Agarwal, D.K.		
2021101709	WU, D.; Dong, J.		
2021101711	Kuri, M.; Goar, V.K.; Sharma, A.		
2021101713	Central South University		
2021101714	Central South University; Brealant Limited		
2021101715	Southeast University		
2021101716	Bhelave, S.R.; Kadam, A.R.; Yerpude, A.N.; Dhoble, S.J.		
2021101718	Chaitanya, N.K.		
2021101719	Raveendra, K.		
2021101721	H P, N.; M V, P.; M, R.		
2021101723	Ghosh, A.; Kumar, M.		
2021101725	P, S.; Joseph, N.; Mohan, D.; Virmani, D.; M. K., J.K.; Panda, B.S.; Karuppanan, S.; M, M.; T., S.; M.Ch, N.		
2021101730	Nalinipriya, G.; Chakrabarti, T.; Hati, A.S.; Sharma, V.K.; Poddar, S.; Sampath Kumar, K.; Dhanabal, S.; Krishnaraju, A.; Khairnar, P.N.; Singh, A.K.; Chakrabarti, P.; Rama Devi, G.		
2021101731	Prabhu, M.; Abdullah, N.N.; Ahmed, R.R.		
2021101732	Illinois Tool Works Inc.		
2021101733	Mehrotra, T.; Verma, N.; Shukla, N.; Rathore, N.; Goyal, R.; Kumar, A.; Hans, K.; Saxena, A.K.; Saxena, S.; Lakhani, B.		
2021101734	Singh, L.; Singh, Y.; Nisha, M.; Choudhry, M.S.; Singh Yadav, J.K.P.; Memoria, M.; Dubey, R.		
2021101736	Mishra, D.		
2021101738	Xuzhou University of Technology		
2021101739	Hefei University of Technology; Anhui Medical University; Qingdao Leimv Biotechnology Co., Ltd		

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<u>G05D 1 /-</u>			<u>G08G 1 /-</u>		<u>H04B 17 /-</u>
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	<u>G06N 3 /-</u>			2021101577 2021101711	<u>H04B 3 /-</u>
<u>G05D 22 /-</u>		<u>G06Q 90 /-</u>	<u>G09B 23 /-</u>	<u>G16Y 40 /-</u>	2021101603
2021101618	2021101430 2021101579 2021101580 2021101581 2021101584 2021101586 2021101613 2021101646 2021101682 2021101684 2021101713 2021101714 2021101715 2021101719 2021101725 2021101762 2021101764 2021101766	2021101695	2021101703	2021101582 2021101711 2021101733	<u>H04J 1 /-</u>
<u>G05D 23 /-</u>		<u>G06T 11 /-</u>	<u>G09B 5 /-</u>		2021101603
2021101745		2021101621	2021100523	<u>H01L 31 /-</u>	<u>H04K 3 /-</u>
<u>G06F 16 /-</u>		<u>G06T 13 /-</u>	<u>G10L 15 /-</u>	2021101676	2021101590
2021101672 2021101682 2021101719 2021101731 2021101764		2021101766	2021101586	<u>H01L 33 /-</u>	<u>H04L 12 /-</u>
		<u>G06T 19 /-</u>	<u>G10L 21 /-</u>	2021101716	2021101660 2021101685
<u>G06F 17 /-</u>		2021101766	2021101586	<u>H01P 1 /-</u>	<u>H04L 29 /-</u>
2020103944 2021101709 2021101742 2021101756	<u>G06N 5 /-</u>	<u>G06T 3 /-</u>	<u>G10L 25 /-</u>	2021101594	2020103944 2021101660
	2021100563 2021101599 2021101672 2021101692 2021101715 2021101731	2021101682 2021101762	2021101586	<u>H01P 7 /-</u>	<u>H04L 9 /-</u>
<u>G06F 3 /-</u>		<u>G06T 5 /-</u>	<u>G16H 10 /-</u>	2021101594	2021101706
2021101204 2021101321 2021101730	2021100563 2021101599 2021101672 2021101692 2021101715 2021101731	2021101725	2021101599 2021101706	<u>H02H 1 /-</u>	<u>H04M 3 /-</u>
		<u>G06T 7 /-</u>	<u>G16H 20 /-</u>	2021101553	2021101603
<u>G06F 30 /-</u>		2021101579 2021101613 2021101619 2021101684 2021101713 2021101714 2021101715 2021101719	2021101461 2021101577 2021101675 2021101706	<u>H02H 3 /-</u>	<u>H04N 5 /-</u>
2021101755	<u>G06N 7 /-</u>	2021101688 2021101713 2021101714 2021101715 2021101719		2021101553 2021101587	2021101559
<u>G06F 40 /-</u>	2021101646	2021101688 2021101713 2021101714 2021101715 2021101719	<u>G16H 30 /-</u>	<u>H02H 5 /-</u>	<u>H04N 7 /-</u>
2021100563	<u>G06Q 10 /-</u>	2021101725 2021101766 2021101767	2021101734 2021101767	2021101553	2021101559 2021101660
<u>G06F 8 /-</u>	2021101321 2021101645 2021101655 2021101706 2021101711 2021101731 2021101755 2021101756 2021101763	2021101579 2021101613 2021101619 2021101684 2021101713 2021101714 2021101715 2021101719	<u>G16H 40 /-</u>	<u>H02H 7 /-</u>	<u>H04Q 1 /-</u>
2021101756		2021101725 2021101766 2021101767	2021100953 2021101577	2021101585 2021101587	2021101559
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<u>G06K 9 /-</u>		<u>G07F 19 /-</u>		<u>H02J 3 /-</u>	<u>H04W 4 /-</u>
2021101430 2021101497 2021101579 2021101580 2021101581 2021101584 2021101612 2021101613 2021101619 2021101646 2021101682 2021101684	<u>G06Q 20 /-</u>	2021101718		2021101585 2021101655	2021100953 2021101660
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	<u>G06Q 30 /-</u>	2021101718		<u>H02S 20 /-</u>	2020103944
	2021101614 2021101665 2021101704 2021101733		<u>G16H 80 /-</u>	2021101676	<u>H04W 84 /-</u>
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			2021100672		

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 C07C 211/00 (2006.01)
 C07C 219/00 (2006.01)
 C07D 295/15 (2006.01)
 C12N 15/88 (2006.01)
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 G02B 27/01 (2006.01)
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 B60Q 1/26 (2006.01)
 F21K 9/60 (2016.01)
 F21S 43/14 (2018.01)
 F21S 43/40 (2018.01)
 G02B 19/00 (2006.01)
 H05B 33/00 (2006.01)
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C12M 1/00 (2006.01)
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G01G 19/04 (2006.01)
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B63B 21/04 (2006.01)
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H04W 4/90 (2018.01)
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B60K 7/00 (2006.01)
B62D 7/14 (2006.01)
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B60J 5/06 (2006.01)
E05D 15/10 (2006.01)
E05D 15/58 (2006.01)
E05F 15/53 (2015.01)
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A61B 17/29 (2006.01)
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A61B 17/00 (2006.01)
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A61M 25/10 (2013.01)
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 (1H-indazol-4-yl)-benzoxazole derivat-
 ives and related compounds as inhibit-
 ors of G12C mutant KRAS protein for
 inhibiting tumor metastasis
(51) Int. Cl.
C07D 487/10 (2006.01)
A61K 31/407 (2006.01)
A61K 31/416 (2006.01)

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A61K 31/444 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07D 471/10 (2006.01)
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A61D 7/00 (2006.01)
A61K 31/00 (2006.01)
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A61K 47/30 (2006.01)
A61M 31/00 (2006.01)
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B01D 53/04 (2006.01)
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B01D 53/14 (2006.01)
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F41A 17/06 (2006.01)
F41A 17/30 (2006.01)
F41G 3/14 (2006.01)
G08B 25/10 (2006.01)
H04L 29/08 (2006.01)
H04W 4/029 (2018.01)
H04W 24/08 (2009.01)
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G01B 11/00 (2006.01)
G01B 5/00 (2006.01)
G01B 11/25 (2006.01)
G06T 7/521 (2017.01)
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A61K 38/00 (2006.01)
A61P 31/04 (2006.01)
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(54) Acoustic absorption
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G10K 11/16 (2006.01)
E04B 1/84 (2006.01)
E04B 2/00 (2006.01)
G10K 11/172 (2006.01)
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H04L 29/06 (2006.01)
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A61K 31/519 (2006.01)
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A61P 9/04 (2006.01)
A61P 13/12 (2006.01)
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(54) Minimally invasive compressor / distractor
(51) Int. Cl.
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
A61B 17/70 (2006.01)
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
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(74) Adams Pluck
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(51) Int. Cl.
A61B 17/56 (2006.01)

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A61B 17/70 (2006.01)
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
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(54) Rod reducer
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/60 (2006.01)
A61B 17/66 (2006.01)
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(54) Stylet screw driver
(51) Int. Cl.
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
A61B 17/68 (2006.01)
A61B 17/86 (2006.01)
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B24D 3/20 (2006.01)
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B24D 7/04 (2006.01)
B24D 9/08 (2006.01)
B24D 11/02 (2006.01)
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C12N 15/113 (2010.01)
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G06F 3/14 (2006.01)
G06T 7/00 (2017.01)
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F41H 13/00 (2006.01)
F41B 15/04 (2006.01)
H05C 1/04 (2006.01)
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C12N 1/12 (2006.01)
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C12N 15/74 (2006.01)
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C12N 5/10 (2006.01)
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G06F 21/35 (2013.01)
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C09J 5/00 (2006.01)
B29C 65/00 (2006.01)
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C08J 5/12 (2006.01)
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A01G 29/00 (2006.01)
C05G 3/00 (2020.01)
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B32B 18/00 (2006.01)
E04F 13/08 (2006.01)
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H04W 4/029 (2018.01)
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G01V 1/28 (2006.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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C07D 239/95 (2006.01)
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C07D 401/12 (2006.01)
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C40B 40/02 (2006.01)
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B22F 1/00 (2006.01)
C04B 38/00 (2006.01)
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E21B 17/02 (2006.01)
F16L 11/22 (2006.01)
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configured to determine if a mainten-
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B41J 29/17 (2006.01)
D04B 35/22 (2006.01)
D04B 35/36 (2006.01)
D05C 11/24 (2006.01)
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A61K 31/496 (2006.01)
A61K 31/513 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/47 (2006.01)
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B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
F25D 13/02 (2006.01)
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A47G 9/10 (2006.01)
A47C 20/02 (2006.01)
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B08B 3/04 (2006.01)
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B29C 64/379 (2017.01)
B33Y 30/00 (2015.01)
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B33Y 10/00 (2015.01)
B29C 64/124 (2017.01)
B29C 64/255 (2017.01)
B33Y 30/00 (2015.01)
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B33Y 30/00 (2015.01)
B29C 64/129 (2017.01)
B29C 64/232 (2017.01)
B29C 64/236 (2017.01)
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B29C 64/393 (2017.01)
B33Y 50/02 (2015.01)
G03F 7/20 (2006.01)
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G01N 33/574 (2006.01)
A61K 35/761 (2015.01)
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H04N 21/242 (2011.01)
H04N 21/4788 (2011.01)
H04N 21/6547 (2011.01)
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A01N 59/00 (2006.01)
A01N 25/22 (2006.01)
A01N 43/36 (2006.01)
A01P 1/00 (2006.01)
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H04S 7/00 (2006.01)
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B32B 9/06 (2006.01)
B32B 27/10 (2006.01)
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B65D 65/42 (2006.01)
D21H 27/10 (2006.01)
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C08G 18/12 (2006.01)
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A61P 25/00 (2006.01)
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A23L 29/30 (2016.01)
C12C 12/00 (2006.01)
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B60P 3/32 (2006.01)
B60R 21/02 (2006.01)
B62D 25/02 (2006.01)
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F04B 39/00 (2006.01)
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F24C 15/00 (2006.01)
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F26B 21/08 (2006.01)
A21B 3/04 (2006.01)
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F24C 15/00 (2006.01)
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C07K 14/575 (2006.01)
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C01B 3/00 (2006.01)
B60S 5/02 (2006.01)
H01M 8/00 (2016.01)
H01M 8/04 (2016.01)
H01M 8/04186 (2016.01)
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C07D 277/68 (2006.01)
C12Q 1/66 (2006.01)
G01N 33/86 (2006.01)
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B29C 48/05 (2019.01)
B29C 48/80 (2019.01)
B29C 48/86 (2019.01)
B29C 48/87 (2019.01)
B29C 48/92 (2019.01)
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D01F 6/84 (2006.01)
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C08G 63/664 (2006.01)
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B01J 4/00 (2006.01)
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A23C 9/142 (2006.01)
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B01D 61/14 (2006.01)
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B65F 1/06 (2006.01)
B65D 43/26 (2006.01)
B65F 1/16 (2006.01)
B65H 16/06 (2006.01)
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E04H 4/04 (2006.01)
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G06F 40/40 (2020.01)
G06K 9/00 (2006.01)
G06N 20/00 (2019.01)
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B66B 23/00 (2006.01)
G06F 30/13 (2020.01)
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E04H 12/22 (2006.01)
E02D 27/42 (2006.01)
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A61K 39/395 (2006.01)
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C12P 21/08 (2006.01)
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A61P 19/06 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)

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C09K 3/00 (2006.01)
C11D 1/14 (2006.01)
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C23C 26/00 (2006.01)
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A47K 10/16 (2006.01)
D21H 27/02 (2006.01)
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B01D 61/36 (2006.01)
C02F 1/44 (2006.01)
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 or and transmission actuator with im-
 proved vibration behaviour
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F16D 48/06 (2006.01)
F16H 25/20 (2006.01)
F16D 125/24 (2012.01)
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A61M 5/20 (2006.01)
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B62D 11/04 (2006.01)
B60K 7/00 (2006.01)
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B60K 17/348 (2006.01)
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H04N 7/18 (2006.01)
B60R 1/00 (2006.01)
E02F 9/26 (2006.01)
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H04N 7/18 (2006.01)
B60R 1/00 (2006.01)
E02F 9/26 (2006.01)
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B60R 11/02 (2006.01)
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G03B 15/00 (2006.01)
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G06T 3/00 (2006.01)
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B63B 59/04 (2006.01)
B08B 17/02 (2006.01)
F21V 23/02 (2006.01)
H02J 50/10 (2016.01)
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F21W 107/20 (2018.01)
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(74) RnB IP Pty Ltd

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(11) AU-A-2019351726
(21) 2019351726 **(22)** 30.09.2019
(54) Startup sequence for roller crusher
(51) Int. Cl.
B02C 25/00 (2006.01)
B02C 4/00 (2006.01)
B02C 4/02 (2006.01)
B02C 4/28 (2006.01)
B02C 4/32 (2006.01)
B02C 4/42 (2006.01)
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(72) KNORR, Brian
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 (21) 2019391309 (22) 04.12.2019
 (54) Synergistic compositions comprising (R)-2-(2-oxopyrrolidin-1-yl)butanamide and (S)-2-(2-oxopyrrolidin-1-yl)butanamide in a non-racemic ratio
 (51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/4015 (2006.01)
A61P 25/02 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
C07D 207/27 (2006.01)
 (87) WO2020/115093
 (31) 18210106.3 (32) 04.12.18 (33) EP
 (43) 11.06.2020
 (72) FARINA, Carlo; SCHERZ, Michael; GHELARDINI, Carla; DI CESARE MANNELLI, Lorenzo
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 (21) 2019394706 (22) 04.12.2019
 (54) Synergistic compositions comprising R-2-(substituted-sulfonyl)-hexahydro-pyrrolo[1,2-a]pyrazin-6(2H)-ones and S-2-(substituted-sulfonyl)-hexahydro-pyrrolo[1,2-a]pyrazin-6(2H)-ones in a non-racemic ratio
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/407 (2006.01)
A61K 31/4188 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
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 (31) 18210128.7 (32) 04.12.18 (33) EP
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C09K 3/30 (2006.01)
C11D 7/50 (2006.01)
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C12M 1/00 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2019346458 (22) 25.09.2019
 (54) In-vivo robotic imaging, sensing and deployment devices and methods for medical scaffolds
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/70 (2006.01)
A61F 2/44 (2006.01)
B29C 64/20 (2017.01)
B33Y 30/00 (2015.01)
A61B 90/00 (2016.01)
A61F 2/02 (2006.01)
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 (21) 2019359364 (22) 10.10.2019
 (54) Cold solution for fat reduction
 (51) Int. Cl.
A61K 8/04 (2006.01)
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A61K 8/60 (2006.01)
A61M 5/31 (2006.01)
A61M 5/44 (2006.01)
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 (54) Rotor, electric motor, compressor, air conditioner, and method for manufacturing rotor
 (51) Int. Cl.
H02K 1/27 (2006.01)
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 (54) Secondary battery management system, secondary battery management method and secondary battery management program of said secondary battery management system, and secondary battery system
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H01M 10/48 (2006.01)
G01R 31/392 (2019.01)
H01M 10/44 (2006.01)
H02J 7/00 (2006.01)
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 (54) Grow tower processing for controlled environment agriculture system
 (51) Int. Cl.
A01D 45/00 (2018.01)
A01G 31/04 (2006.01)
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 (54) Material conveyor, system and method for the movement of material
 (51) Int. Cl.
B07C 5/342 (2006.01)
B02C 23/08 (2006.01)
B07C 5/36 (2006.01)
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A01G 9/00 (2018.01)
A01G 13/00 (2006.01)
E01C 9/00 (2006.01)
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G01C 21/12 (2006.01)
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 (54) Modified Cas9 protein, and use thereof
 (51) Int. Cl.
C12N 9/16 (2006.01)
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 (54) Method for analyzing musical compositions
 (51) Int. Cl.
G10H 1/00 (2006.01)
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 (31) 18202889.4 (32) 26.10.18 (33) EP
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F21K 99/00 (2016.01)
F21S 2/00 (2016.01)
F21V 19/00 (2006.01)
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F21V 23/06 (2006.01)
F21Y 115/10 (2016.01)
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 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.
C07K 16/46 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 (54) Antibody formulations
 (51) Int. Cl.

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A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
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 (72) BROCKS, Bodo; KELLERER, Robert
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 (21) 2019360129 (22) 17.10.2019
 (54) Adjustable seat assembly for a lawn maintenance vehicle
 (51) Int. Cl.

B60N 2/39 (2006.01)
A01D 34/86 (2006.01)
A01D 67/04 (2006.01)
B60N 2/18 (2006.01)
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 (72) WOODRUM, Adam
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2019373520 (22) 28.06.2019
 (54) 80 mm large-thickness high-toughness low-alloy wear-resistant steel plate and manufacturing method therefor
 (51) Int. Cl.

C22C 38/02 (2006.01)
C21D 8/02 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
C22C 38/44 (2006.01)
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 (54) Microbeads for tagless encoded chemical library screening
 (51) Int. Cl.
C12N 15/10 (2006.01)
B01J 19/00 (2006.01)
C12Q 1/6818 (2018.01)
C40B 30/00 (2006.01)
C40B 40/04 (2006.01)
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 (72) WILLIAMS, David Hugh; WOOD, Stuart Robert; THOMPSON, Nicola
 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Device for storing at least one bulk material
 (51) Int. Cl.
B65D 77/04 (2006.01)
B65D 19/10 (2006.01)
B65D 77/06 (2006.01)
G01G 3/00 (2006.01)
G01G 19/52 (2006.01)
G01G 23/37 (2006.01)
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 (74) Halfords IP

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 (54) New ammonium salts of fluorinated organic acids, method of their synthesis and application
 (51) Int. Cl.
C07C 69/38 (2006.01)
A61K 9/00 (2006.01)
A61P 7/08 (2006.01)
C07C 69/40 (2006.01)
C07C 69/42 (2006.01)
C07C 69/80 (2006.01)
C07C 211/05 (2006.01)
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 (54) CIML NK cells and methods therefor
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 C12N 5/0783 (2010.01)
 A61K 35/17 (2015.01)
 A61P 35/00 (2006.01)
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 (72) DUGGAL, Rohit; SINHA, Ranjeet; LI, Wenzhao; ISAACSON, Jason; SOON-SHIONG, Patrick
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
 C10L 5/04 (2006.01)
 C01B 32/05 (2017.01)
 C01B 32/28 (2017.01)
 C10L 5/00 (2006.01)
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 G06T 11/60 (2006.01)
 G08B 13/196 (2006.01)
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 (54) Polypeptides for the treatment of stress, immunoreaction and stroke syndromes
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 C07K 7/08 (2006.01)
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 C07K 7/02 (2006.01)
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 A61B 17/062 (2006.01)
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 (21) 2019358915 (22) 08.10.2019
 (54) Engineering of DNASE enzymes for manufacturing and therapy
 (51) Int. Cl.
 C12N 9/22 (2006.01)
 C12N 9/00 (2006.01)
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 (31) 62/846,904 (32) 13.05.19 (33) US
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 (72) FUCHS, Tobias A.; HAKKIM, R. Abdul
 (74) Allens Patent & Trade Mark Attorneys
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 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 A61P 37/00 (2006.01)
 C07K 16/22 (2006.01)
 C07K 16/28 (2006.01)
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 C12N 1/15 (2006.01)
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 (74) AJ PARK
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 (54) Aerosol provision device
 (51) Int. Cl.
 A24F 40/10 (2020.01)
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 (72) WRIGHT, Jeremy
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 (54) Aerosolisable formulation
 (51) Int. Cl.
 A24B 15/167 (2020.01)
 (87) WO2020/089631
 (31) 1817863.2 (32) 01.11.18 (33) GB
 (43) 07.05.2020
 (72) CABOT, Ross
 (74) Shelston IP Pty Ltd.
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 (21) 2019370809 (22) 31.10.2019
 (54) Aerosolisable formulation
 (51) Int. Cl.
 A24B 15/167 (2020.01)
 A24F 40/10 (2020.01)
 (87) WO2020/089635
 (31) 1817862.4 (32) 01.11.18 (33) GB
 (43) 07.05.2020
 (72) CABOT, Ross
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 (54) Aerosolised formulation
 (51) Int. Cl.

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(74) Shelston IP Pty Ltd.

(71) Nicoventures Trading Limited
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(21) 2019371080 **(22)** 31.10.2019
(54) Aerosolisable formulation
(51) Int. Cl.
A24B 15/167 (2020.01)
A24F 40/10 (2020.01)
A61K 31/465 (2006.01)
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(31) 1817866.5 **(32)** 01.11.18 **(33)** GB
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(72) CABOT, Ross
(74) Shelston IP Pty Ltd.

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(21) 2019372222 **(22)** 31.10.2019
(54) Aerosolisable formulation
(51) Int. Cl.
A24B 15/167 (2020.01)
A24F 40/10 (2020.01)
A61K 31/465 (2006.01)
(87) WO2020/089634
(31) 1817864.0 **(32)** 01.11.18 **(33)** GB
(43) 07.05.2020
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(71) Nicoventures Trading Limited
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(21) 2019373767 **(22)** 31.10.2019
(54) Gel and crystalline powder
(51) Int. Cl.
A24B 15/167 (2020.01)
A24F 47/00 (2020.01)
A61K 31/465 (2006.01)
(87) WO2020/089636
(31) 1817861.6 **(32)** 01.11.18 **(33)** GB
(43) 07.05.2020
(72) CABOT, Ross
(74) Shelston IP Pty Ltd.

(71) Ningbo AUX Electric Co., Ltd.
(11) AU-A-2019400337
(21) 2019400337 **(22)** 13.12.2019
(54) Evaporator support structure and air conditioner having evaporator support structure
(51) Int. Cl.
F24F 13/20 (2006.01)
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A61P 37/00 (2006.01)
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 (21) 2019360957 (22) 15.10.2019
 (54) Adapter assembly for attaching a lighting device to a handheld electrosurgical instrument
 (51) Int. Cl.
A61B 90/30 (2016.01)
A61B 17/00 (2006.01)
A61B 18/00 (2006.01)
A61B 18/14 (2006.01)
A61B 50/20 (2016.01)
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 (21) 2019363380 (22) 28.01.2019
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 (51) Int. Cl.

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G06T 7/62 (2017.01)
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(74) Spruson & Ferguson

(71) Paylessgate Corporation
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(21) 2019363333 **(22)** 11.10.2019
(54) Authenticated device, authentication device, authentication request transmitting method, authentication method, and program
(51) Int. Cl.
G01S 5/02 (2010.01)
G06K 7/10 (2006.01)
H04L 9/32 (2006.01)
H04W 64/00 (2009.01)
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(54) Railing system for stairs
(51) Int. Cl.
E04F 11/18 (2006.01)
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(74) Michael Buck IP

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(51) Int. Cl.
A23G 9/04 (2006.01)
A23G 9/28 (2006.01)
A47J 43/04 (2006.01)
F25C 1/20 (2006.01)
F25D 3/08 (2006.01)
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(51) Int. Cl.
B65D 1/02 (2006.01)

B65D 1/06 (2006.01)
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(51) Int. Cl.
G06F 13/14 (2006.01)
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(21) 2019365275 **(22)** 24.10.2019
(54) Intervention drive system comprising an umbilical
(51) Int. Cl.
F16L 55/32 (2006.01)
B08B 9/049 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) Amino acid compounds and methods of use
(51) Int. Cl.
A61P 1/16 (2006.01)
C07D 213/74 (2006.01)
C07D 241/06 (2006.01)
C07D 471/04 (2006.01)
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(51) Int. Cl.

G06Q 40/08 (2012.01)
G16H 40/20 (2018.01)
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(51) Int. Cl.
G06T 19/00 (2011.01)
G06K 9/00 (2006.01)
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(54) Formulation based on medicinal plant, or part or extract thereof, use of the formulation and product including said formulation
(51) Int. Cl.
A61K 36/28 (2006.01)
A61K 8/9789 (2017.01)
A61P 17/02 (2006.01)
A61Q 19/00 (2006.01)
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(54) Amino acid compounds and methods of use
(51) Int. Cl.
A61P 1/16 (2006.01)
C07D 213/74 (2006.01)
C07D 241/06 (2006.01)
C07D 471/04 (2006.01)
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(54) Method for synthesizing D3 dopamine receptor agonists
(51) Int. Cl.

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C07C 211/26 (2006.01)
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(51) Int. Cl.
C01B 25/30 (2006.01)
B01D 9/00 (2006.01)
B01D 61/42 (2006.01)
C01D 15/06 (2006.01)
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(51) Int. Cl.
C07D 495/04 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
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(51) Int. Cl.
A61K 31/4166 (2006.01)
A61K 31/198 (2006.01)
A61K 31/58 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
(87) WO2020/077259
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(54) Methods of making prostate cancer treatment decisions
(51) Int. Cl.
G01N 33/574 (2006.01)
A61K 51/08 (2006.01)
G06K 9/00 (2006.01)
G16H 15/00 (2018.01)
(87) WO2020/077270
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- (71)** Project & Communications Ltd.
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(51) Int. Cl.
A61K 33/00 (2006.01)
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(54) System and method for determining de- amidation and immunogenicity of poly- peptides
(51) Int. Cl.
A61K 35/28 (2015.01)
A61K 48/00 (2006.01)
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(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/122 (2006.01)
A61P 25/28 (2006.01)
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(54) Compositions and methods for opioid antagonist delivery
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A61K 31/485 (2006.01)
A61K 9/00 (2006.01)
A61P 25/36 (2006.01)
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H01B 1/02 (2006.01)

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(74) Michael Buck IP
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(54) Novel c-met and TMX2 antibodies
(51) Int. Cl.
C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/40 (2006.01)
C12N 5/0781 (2010.01)
C12N 5/0783 (2010.01)
C12N 5/0784 (2010.01)
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(54) Transparent covering having anti-reflective coatings
(51) Int. Cl.
G02B 1/113 (2015.01)
B32B 7/023 (2019.01)
B32B 7/12 (2006.01)
B32B 9/04 (2006.01)
B32B 18/00 (2006.01)
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(54) Aerosol delivery device with conductive inserts
(51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
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(51) Int. Cl.
A24F 47/00 (2020.01)
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(21) 2019365804 (**22**) 22.10.2019
(54) Neurological disease treatment with zilucoplan
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/506 (2006.01)
A61P 7/00 (2006.01)
C07K 16/18 (2006.01)
(87) WO2020/086506
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(54) Granulator mill
(51) Int. Cl.
B02C 18/14 (2006.01)
B02C 18/16 (2006.01)
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(51) Int. Cl.
A61K 35/12 (2015.01)
A61K 48/00 (2006.01)
C12N 5/00 (2006.01)
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G01N 33/68 (2006.01)
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(51) Int. Cl.
G01N 33/68 (2006.01)
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(54) Transplant tolerance induction with carbodiimide treated tolerizing vaccine
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 35/26 (2015.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
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(51) Int. Cl.
F16L 23/22 (2006.01)
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(54) Systems and methods for active power management in a medical device
(51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/10 (2006.01)

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 CREUSOT, David; DOUDKINE, Dmitri
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 Adam
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(51) Int. Cl.
A61M 16/16 (2006.01)
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A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
F24F 6/06 (2006.01)
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 A61P 25/00 (2006.01)
 A61P 25/24 (2006.01)
 C07J 43/00 (2006.01)
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B66C 23/36 (2006.01)
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A01D 91/00 (2006.01)
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A61P 3/10 (2006.01)
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2018440943	NuVu, LLC; Massachusetts Institute of Technology	2019341266	BIOCONTAC CO., LTD.
2018441886	MAKO Surgical Corp.	2019341362	ZTE Corporation
2018442118	CooperVision International Limited	2019341397	OZX IP Pty Ltd
2018442180	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019341521	HANDY BABY PRODCUTS LIMITED
2018442267	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019341540	Koninklijke Philips N.V.
2018442552	NTT DOCOMO, INC.	2019341541	Koninklijke Philips N.V.
2018443267	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019341655	OXTO Ltd
2018444181	General Mills, Inc.	2019341658	Quantum Conductors Ltd
2018444217	Nippon Steel Engineering Co., Ltd.	2019341691	Saipem S.p.A.
2018444274	NCS Pte. Ltd.	2019341700	Saipem S.p.A.
2018444285	AstraZeneca AB	2019341723	Biological E Limited
2018444444	LM Tech S.R.L.	2019342087	HyperStealth Biotechnology Corporation
2018445217	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019342090	International Refills Company Ltd.
2018445437	Gree Electric Appliances, Inc. of Zhuhai	2019342129	InterDigital VC Holdings, Inc.
2018445547	Beijing Guanghe New Energy Technology Co., Ltd.	2019342191	Hu, J.
2018445669	August Rüggeberg GmbH & Co. KG	2019342316	Intex Industries Xiamen Co. Ltd
2018445787	Moon, B.; Luhrs, J.	2019342426	Novaliq GmbH
2018445848	Dow Global Technologies LLC; Rohm and Haas Company	2019342462	Nippon Paper Industries Co., Ltd.
2018445889	Riptide Bioscience, Inc.	2019342486	Robert Bosch GmbH
2018446059	The University of Queensland	2019342701	Wakonig, M.
2018446093	Traut, M.	2019342866	Sanofi
2018446354	SES-imagotag GmbH	2019343035	Becton, Dickinson and Company
2018446510	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019343128	Vesco Medical LLC
2018446799	Yeditepe Universitesi	2019343150	CareFusion 303, Inc.
2018447240	Tarapeutics Science Inc.	2019343166	Regeneration Biomedical, Inc.
2018447765	General Electric Company	2019343188	Aufbau Medical Innovations Limited; Cornell University; Pena, J.
2018448115	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019343198	McPharma Biotech Inc.
2018448228	Symrise AG	2019343335	Biomodex S.A.S.
2018448246	Spectrum Brands, Inc.	2019343431	Mauser-Werke GmbH
2018448343	Mitsubishi Electric Corporation	2019343639	Three Peaks Medical Pty Ltd
2018448364	Oh, Y.K.	2019343715	ABB Power Grids Switzerland AG
2018448903	Prothema Biosciences Limited	2019343739	Rheinmetall Electronics GmbH
2018449013	Hanyi Bio-Technology (Beijing) Co., Ltd	2019343761	Billericay Farm Services Limited
2018450198	Alaxia SAS	2019343767	Artec Europe S.A.R.L.
2018450414	Suzhou Kanova Biopharmaceutical Co., Ltd.; Beijing Kanova Biopharmaceutical Co., Ltd.	2019344001	Cepheid; Siegrist, J.; Chang, R.
2018451774	Electrolux Appliances Aktiebolag	2019344059	MacuLogix, Inc.
2018453912	Halliburton Energy Services, Inc.	2019344145	Ishida Co., Ltd.
2019262340	Ledger SAS	2019344398	Shanghai De Novo Pharmatech Co., Ltd.
2019320956	Alipay (Hangzhou) Information Technology Co., Ltd.	2019344464	Innovative Drive Corporation; Maruho Medical, Inc.
2019321745	Alipay (Hangzhou) Information Technology Co., Ltd.	2019344692	Institut Pasteur de Montevideo; Universidad de la República; Batthyány, C.
2019323042	Alipay (Hangzhou) Information Technology Co., Ltd.	2019344764	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2019334264	Merck Patent GmbH	2019344801	Board of Regents, The University of Texas System
2019337357	Coloreel Group AB	2019344870	Kunming Tekang Technology Co., Ltd; Zhejiang Yunjie Technology Co., Ltd.
2019337776	Carleton University; Her Majesty The Queen in Right of Canada, as represented by the Minister of Agriculture and Agri-Food; The Governors of the University of Alberta; Schneider, J.	2019344871	XLIFESC, LTD.
2019338032	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Shouyao Holdings (Beijing) Co., Ltd.	2019344878	Shanghai EnnovaBio Pharmaceuticals Co., Ltd.
2019338076	Argenta Innovation Limited	2019345112	ETH Zürich
2019338236	Saniona A/S	2019345211	LG Electronics Inc.
2019338398	Aqua Heart, Inc.	2019345248	DSM IP Assets B.V.
2019338404	IPB SOLUTION, INC.	2019345272	Blaesi, A.
2019339486	Neuralink Corp.	2019345976	Bone Therapeutics SA
2019339612	Champion Link International Corporation	2019346045	Petsure (Australia) Pty Ltd
2019339924	Risen (Suzhou) Pharma Tech Co. Ltd.	2019346057	Fundacion Universitaria San Antonio; Fundacion Para La Formación E Investigación Sanitarias; Universidad De Granada
		2019346081	Høj Life Limited
		2019346137	Chevron U.S.A. Inc.
		2019346147	Richter Gedeon Nyrt.
		2019346150	2D Heat Limited
		2019346309	Telefonaktiebolaget LM Ericsson (Publ)
		2019346360	McGowan, M.
		2019346419	Southwest Research Institute
		2019346457	Viel Bio, Inc.

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

2019346458	Miraki Innovation Think Tank, LLC	2019351573	Willow IP Pty Ltd
2019346466	Harpoon Therapeutics, Inc.	2019351725	The Regents of The University of Michigan
2019346521	Impact Biomedicines, Inc.	2019351726	Metso Outotec USA Inc.
2019346543	Chase Therapeutics Corporation	2019351731	The United States Government as Represented by the Department of Veterans Affairs; The University of Pittsburgh - of The Commonwealth of Higher Education; Xiamen University; UNIVERSITY OF EXETER
2019346553	Astura Medical Inc.		Alnylam Pharmaceuticals, Inc.
2019346607	In Queue Innovations, LLC	2019351809	Vandorf MB1 Inc.
2019346635	Praxis Precision Medicines, Inc.	2019351949	Project & Communications Ltd.
2019346823	GREENTECH GLOBAL PTE. LTD.	2019352068	Curadis GmbH
2019346903	SPH SINE Pharmaceutical Laboratories Co., Ltd; Shanghai Institute of Endocrine and Metabolic Diseases	2019352520	Adjacency Labs Corp.
		2019352606	Outlier Solutions, LLC
2019346977	RAI Strategic Holdings, Inc.	2019352746	Meiko Maschinenbau GmbH & Co. KG
2019347228	Daikin Industries, Ltd.	2019352760	Biobest Group N.V.
2019347253	Daikin Industries, Ltd.	2019352787	Digital Barriers Services Ltd
2019347357	Adeka Corporation	2019352900	Ryner, L.
2019347499	TDBT IP INC.	2019353009	Immunome, Inc.
2019347515	The Regents of the University of Colorado, a body corporate	2019353106	Mars, Incorporated
		2019353340	ENEOS Corporation
2019347529	A.W. Chesterton Company	2019353528	Adaptas Solutions Pty Ltd
2019347688	Telefonaktiebolaget LM Ericsson (publ)	2019353692	Sika Technology AG
2019347693	Telefonaktiebolaget LM Ericsson (PUBL)	2019354861	Centre National de la Recherche Scientifique (CNRS); Institut National de la Santé et de la Recherche Médicale; Université d'Aix-Marseille (AMU); Université Côte d'Azur; Assistance Publique - Hôpitaux de Marseille (AP-HM); Sorbonne Université; Université de Montpellier; Centre Hospitalier Universitaire de Montpellier
2019347770	The Royal Institution for the Advancement of Learning/McGill University		Euroserum
		2019354896	CMR Surgical Limited
2019347823	Astura Medical Inc.	2019354913	Nokia Technologies Oy
2019347849	AUM LifeTech, Inc.; The Children's Hospital of Philadelphia	2019355197	Board of Regents, The University of Texas System
		2019355201	Dematic GmbH
2019347850	Chapman, J.	2019355246	Sony Corporation
2019348020	ABB Schweiz AG	2019355381	Japan Science and Technology Agency
2019348034	Parvizi Surgical Innovation, LLC	2019355498	Spectrum Brands, Inc.
2019348052	Denneroll Holdings Pty Ltd	2019355539	SWM Luxembourg
2019348132	Medshine Discovery Inc.	2019355577	Verheijen, H.
2019348538	Zealand Pharma A/S	2019355723	Genzyme Corporation
2019348580	Beijing Geekplus Technology Co., Ltd.	2019355870	ASSIA SPE, LLC
2019348603	Huawei Technologies Co., Ltd.	2019355881	Axon Enterprise, Inc.
2019348608	Aarhus Universitet	2019355900	The Trustees of Indiana University
2019348823	Taylor Kerr (Couplings) Limited	2019356004	XenoTherapeutics, Inc.; XenoTherapeutics Corporation
2019348877	Immpact-Bio Ltd.	2019356014	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC); Technische Universität München; Scintomics GmbH
2019349654	Alliance for Sustainable Energy, LLC.	2019356169	Elda Entwicklungsgesellschaft mbH
2019349682	University of Maryland, Baltimore; University Of Maryland Medical Center, LLC	2019356253	RAI Strategic Holdings, Inc.
		2019356283	JFE Steel Corporation
2019349904	Astura Medical Inc.	2019356425	Telefonaktiebolaget LM Ericsson (PUBL)
2019349969	Nostromo Ltd.	2019356491	Dow Global Technologies LLC; Rohm and Haas Company
2019349982	Breville Pty Limited		Calico Life Sciences LLC; AbbVie Inc.
2019350460	CNH Industrial France S.A.S.	2019356565	Valeda Company, LLC
2019350521	Oxford University Innovation Limited	2019356570	Human Longevity, Inc.
2019350675	Obalon Therapeutics, Inc.	2019356597	China University of Mining and Technology
2019350695	Graco Minnesota Inc.	2019356608	Huawei Technologies Co., Ltd.
2019350714	Kimberly-Clark Worldwide, Inc.	2019356644	Dow Global Technologies LLC
2019350722	Astura Medical Inc.	2019356777	Abbott Diabetes Care Inc.
2019350769	The Regents of the University of California	2019356913	Sage Therapeutics, Inc.
2019350777	Gen-Probe Incorporated	2019357040	Progenics Pharmaceuticals, Inc.
2019350796	MMT, Inc. DBA Stormtree	2019357043	National Institute of Clean-and-Low-Carbon Energy
2019350869	Case Western Reserve University; Whitehead Institute for Biomedical Research	2019357221	Adke, S.; Adke, S.
		2019357280	Guardhat, Inc.
2019350871	Case Western Reserve University; Whitehead Institute for Biomedical Research	2019357478	Tesla, Inc.
		2019357615	VirTech Bio, Inc.
2019351122	Acucela Inc.	2019357737	Xin Fa Pharmaceutical Co., Ltd
2019351124	Acucela Inc.	2019357801	Huawei Technologies Co., Ltd.
2019351145	Techhold, LLC	2019357824	Lucarelli, D.
2019351191	Vivo Mobile Communication Co., Ltd.	2019357843	The Trustees of the University of Pennsylvania
2019351273	Genocea Biosciences, Inc.	2019357846	University of Washington
2019351320	Changchun Meihe Science and Technology Development Co., Ltd.	2019357850	1Globe Biomedical Co., Ltd.
		2019357933	
2019351409	Dalian University of Technology; Wang, X.; Chang, Q.; Zhao, Y.; Ren, Z.; Han, G.; Shi, J.; Wang, W.; Zhu, S.; Teng, T.; Wang, D.; Qin, Z.		
2019351410	Dalian University of Technology; Wang, X.; Zhao, Y.; Ren, Z.; Zhu, S.; Han, G.; Shi, J.; Wang, W.; Chang, Q.; Teng, T.; Sun, Y.; Qin, Z.		
2019351458	The University of Kitakyushu; Daiichi Sankyo Company, Limited		
2019351481	Sharp Kabushiki Kaisha		
2019351494	Jiangsu Yahong Meditech Co., Ltd.		

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2019357956	Salvino, C.; Hart, K.; Huseman, M.J.	2019361640	Coöperatie Koninklijke Avebe U.A.
2019357974	Rohm and Haas Company; Dow Global Technologies LLC	2019361697	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2019358041	Pliant Therapeutics, Inc.	2019361716	Citrix Systems, Inc.
2019358194	Armaments Research Company Inc.	2019361734	Technological Resources Pty. Limited
2019358195	Progenics Pharmaceuticals, Inc	2019361779	Unigen, Inc.
2019358201	Nektar Therapeutics	2019361808	Nippon Chemiphar Co., Ltd.
2019358240	Glasport Bio Limited	2019361886	Enduralock, LLC
2019358244	SLÁINTE BEOGA TEORANTA	2019361939	JUUL Labs, Inc.
2019358320	The Janger Limited	2019361962	The Schepens Eye Research Institute, Inc.; Northeastern University
2019358520	Ferring B.V.	2019361980	Avior, Inc.
2019358593	Hyperthermics AS	2019361983	Genentech, Inc.
2019358806	Allen Institute; Seattle Children's Hospital (D/B/A Seattle Children's Research Institute)	2019361988	CompoSecure, LLC
2019358807	Advanced Farm Technologies, Inc.	2019362000	CRISPR Therapeutics AG; Bayer Healthcare LLC
2019358915	Neutrolis, Inc.	2019362006	Immutrix Therapeutics, Inc.
2019359180	Pepsico, Inc.	2019362007	Baek Clinical Inc.
2019359207	MedImmune, LLC; Humabs BioMed SA	2019362010	PTC Therapeutics, Inc.
2019359263	C Technologies, Inc.	2019362019	The Climate Corporation
2019359364	Miraki Innovation Think Tank LLC	2019362030	SharkNinja Operating LLC
2019359377	The Trustees of Columbia University in the City of New York; The Research Foundation for Mental Hygiene, Inc.	2019362044	Bonumose LLC
2019359400	Revivacor, Inc.	2019362064	Ohio State Innovation Foundation
2019359475	Xencor, Inc.	2019362080	Regents of the University of Minnesota
2019359500	Hydrosave UK Limited	2019362215	Racing Optics, Inc.
2019359755	Odonate Therapeutics, Inc.	2019362277	Terex Australia Pty Ltd
2019359779	Fong, S.	2019362278	Saban Ventures Pty Limited
2019359811	Pathy Medical, LLC	2019362280	Children's Medical Research Institute
2019359812	Board of Regents, The University of Texas System	2019362281	Vallourec Tubos do Brasil Ltda
2019359823	Duke University	2019362312	SNIPR Biome ApS.
2019359827	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019362323	Idough Investment Company
2019359877	Immunome, Inc.	2019362327	EDIX SA
2019359883	Magenta Therapeutics Inc.	2019362382	Coilhose AS
2019359899	Sage Therapeutics, Inc.	2019362393	3D Stage Tracker Limited
2019360030	ResMed Pty Ltd	2019362414	Nicoventures Trading Limited
2019360097	CareFusion 303, Inc.	2019362468	Suven Life Sciences Limited
2019360129	MTD Products Inc	2019362596	Enzyre B.V.
2019360133	Inkbit, LLC	2019362619	Arkema France; Pyrovac
2019360153	The Climate Corporation	2019362654	King Abdullah University of Science and Technology
2019360164	SiliCycle Inc.	2019362658	Fidia Farmaceutici S.p.A.
2019360182	BlueAllele, LLC	2019362670	Unifor S.p.A.
2019360338	BASF SE	2019362683	Chiyoda Corporation
2019360344	Syngenta Participations AG; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	2019362752	Pepsico, Inc.
2019360351	Rheinmetall Electronics GmbH	2019362753	Vertex Pharmaceuticals Incorporated
2019360371	Survitec Group Limited	2019362768	Caterpillar Inc.
2019360440	UniFor S.p.A.	2019362848	Duke University
2019360713	3M Innovative Properties Company	2019362855	Twinstrand Biosciences, Inc.
2019360726	Koglo Ltd.	2019362888	Teague, P.
2019360758	Oklahoma Medical Research Foundation	2019362917	Bissell Inc.
2019360763	Mahna, S.	2019362939	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019360846	Kyoto Prefectural Public University Corporation; Nippon Chemiphar Co., Ltd.	2019362972	The University of Queensland
2019360937	Voyager Therapeutics, Inc.	2019363012	Vetco Gray Scandinavia AS
2019360957	Pathy Medical, LLC	2019363148	Centre National De La Recherche Scientifique; Institut National de la Sante et de la Recherche Medicale; Universite de Paris; Université Côte d'Azur
2019361048	Inkbit, LLC	2019363172	Imperial College Innovations Limited
2019361098	Juul Labs, Inc.	2019363227	ResMed Pty Ltd
2019361129	Acuitas Therapeutics, Inc.	2019363244	Cipla Limited
2019361189	Ohio State Innovation Foundation	2019363333	Paylessgate Corporation
2019361193	Ohio State Innovation Foundation	2019363356	PHORIA PTY LTD.
2019361220	Amadeus SAS	2019363380	Payeli, S.K.
2019361268	CNH Industrial France S.A.S.	2019363606	Board of Regents, The University of Texas System
2019361306	VoltAero	2019363613	Oerlikon Metco (US) Inc.
2019361315	Well-SENSE Technology Limited	2019363697	Haldor Topsøe A/S
2019361322	HairClone Limited	2019363725	Novo Nordisk A/S
2019361327	Security Matters Ltd.	2019363728	Terapet Ltd.
2019361359	Suven Life Sciences Limited	2019363803	FIREXO GROUP LIMITED
2019361447	Mitsubishi Power, Ltd.	2019363812	Eureka Inventions Limited
2019361520	Tohoku University; Nippon Chemiphar Co., Ltd.	2019363834	Dac System SA
		2019363861	3M Innovative Properties Company
		2019364011	Tani, K.
		2019364074	Meiji Co., Ltd.
		2019364146	APL Technology AS

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2019364194	JAMF Software, LLC	2019367836	American Sterilizer Company
2019364237	Carlisle Construction Materials, LLC	2019368102	Graco Minnesota Inc.
2019364262	DuPont Nutrition Biosciences ApS	2019368245	Wisconsin Alumni Research Foundation
2019364364	Enable Injections, Inc.	2019368252	YETI Coolers, LLC
2019364415	Keros Therapeutics, Inc.	2019368313	HebeCell Corporation
2019364417	Araxes Pharma LLC	2019368347	Vayeron Pty Ltd
2019364434	The Climate Corporation	2019368560	Thales
2019364436	The United States of America, as represented by The Secretary, Department of Health and Human Services	2019368680	Moodagent A/S
2019364440	Protein Dynamic Solutions, Inc.	2019368701	Teknologian Tutkimuskeskus VTT Oy
2019364441	Hakim, C.	2019368820	ResMed Pty Ltd
2019364532	Cala Health, Inc.	2019369173	Universitat Politècnica de València; Consejo Superior de Investigaciones Científicas (CSIC)
2019364541	University of Virginia Patent Foundation	2019369212	Waymo LLC
2019364562	North Carolina State University	2019369216	Dana-Farber Cancer Institute, Inc.
2019364570	Board of Regents of the University of Nebraska	2019369240	Apple Inc.
2019364677	Amadeite	2019369241	Arizona Board of Regents on behalf of Arizona State University
2019364694	Nanna Therapeutics Limited	2019369299	Wisconsin Alumni Research Foundation
2019364739	Viiv Healthcare UK (No.5) Limited	2019369307	Repligen Corporation
2019364861	Electro Magnetic Measurements Pty Ltd	2019369340	Mersana Therapeutics, Inc.
2019364887	Komatsu Forest AB	2019369403	Spin Therapeutics, LLC
2019364976	Gates Corporation	2019369423	MJNN LLC
2019364978	Evelyn Ford, Inc.	2019369457	Dainichiseika Color & Chemicals Mfg. Co., Ltd.; National University Corporation Tokyo University of Agriculture and Technology
2019365063	Kohler, R.	2019369490	Superior Transmission Parts, Inc.
2019365107	Lamb Weston, Inc.	2019369498	Delinia, Inc.
2019365121	KBC Groep NV	2019369516	Allen Institute
2019365143	Candiani S.p.A.	2019369527	CRISPR Therapeutics AG; Bayer HealthCare LLC
2019365201	The Regents of the University of California; Melles Research Foundation USA, Inc.	2019369876	LG Electronics Inc.
2019365204	Eastern Virginia Medical School	2019369933	Lee, J.
2019365219	The Climate Corporation	2019370035	The a2 Milk Company Limited
2019365225	Conmed Corporation	2019370062	Jiangsu Hengrui Medicine Co., Ltd.
2019365275	Petróleo Brasileiro S.A. - Petrobras; Universidade Federal Do Rio Grande Do Sul - UFRGS	2019370291	ImmunoGen, Inc.
2019365306	Knorr-Bremse Systeme für Nutzfahrzeuge GmBH	2019370377	PolyCore Therapeutics LLC
2019365393	Haldor Topsøe A/S	2019370447	Be Green Packaging Co., Ltd.
2019365394	Nanolike	2019370468	SharkNinja Operating LLC
2019365396	Zanoprime Lifesciences Limited	2019370494	Weatherford Technology Holdings, LLC
2019365405	Universität Für Bodenkultur Wien; Medizinische Universität Wien	2019370538	ZTE Corporation
2019365440	Modalis Therapeutics Corporation	2019370583	Inventio AG
2019365492	Subsea 7 Norway AS	2019370615	Textron Systems Australia Pty Ltd
2019365569	Equinor Energy AS	2019370617	D.I.T Technologies Ltd
2019365574	D.I.T Technologies Ltd	2019370629	Ottawa Hospital Research Institute
2019365575	Saluda Medical Pty Ltd	2019370644	E-Circuit Motors, Inc.
2019365577	Clean Cup Co Pty Ltd	2019370755	Newbio Therapeutics, Inc.
2019365580	Peak Innovations Inc.	2019370779	Laboratorios Farmacéuticos Rovi, S.A.
2019365650	ViaSat, Inc.	2019370797	Expro North Sea Limited
2019365804	RA Pharmaceuticals, Inc.	2019370807	BicycleRD Limited; Cancer Research Technology
2019365823	Amsted Rail Company, Inc.	2019370808	Nicoventures Trading Limited
2019366008	Asahi Kasei Pharma Corporation	2019370809	Nicoventures Trading Limited
2019366157	FLINDERS UNIVERSITY	2019370810	Nicoventures Trading Limited
2019366302	BL Technologies, Inc.	2019370921	Serojac PME Handels GmbH
2019366312	Cadent Therapeutics, Inc.	2019370926	Les Laboratoires Servier; Vernalis (R&D) Limited
2019366315	Double Double D, LLC	2019370999	BioInvent International AB
2019366355	Gilead Sciences, Inc.	2019371080	Nicoventures Trading Limited
2019366364	Baylor University	2019371131	Guala Pack S.p.A.
2019366366	Carlson, W.	2019371154	AMI Holdings Limited
2019366403	Brego 360 Holdings, LLC	2019371199	Verily Life Sciences LLC
2019366451	Ocuphire Pharma, Inc.	2019371232	Eli Lilly and Company
2019366679	Inventio AG	2019371304	Yeditepe Universitesi
2019366769	3A Composites GmbH	2019371382	The Board of Trustees of the Leland Stanford Junior University
2019366771	Subsea 7 Norway AS	2019371384	Crown Packaging Technology, Inc.
2019366869	Citrix Systems, Inc.	2019371457	Merck Patent GmbH
2019366891	Hollister Incorporated	2019371462	University of Washington
2019366895	BAE Systems Information and Electronic Systems Integration Inc.	2019371753	Weatherford Technology Holdings, LLC
2019366908	Techtronic Floor Care Technology Limited	2019371796	Oil States Energy Services, L.L.C.
2019366956	Dragonfly Therapeutics, Inc.	2019371797	Cepheid
2019367298	Kwon, M.	2019372046	Gilead Sciences, Inc.
2019367327	Adama Makhteshim Ltd.	2019372222	Nicoventures Trading Limited
2019367331	NanoSanguis	2019372228	Active Needle Technology Ltd
2019367799	Novadelta - Comércio e Indústria de Cafés, Lda.	2019372239	Genentech, Inc.

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2019372358	Everbridge, Inc.	2019377820	The Procter & Gamble Company; The Cleveland Clinic Foundation
2019372436	Merck Patent GmbH	2019377890	Cancer Research Technology Limited
2019372568	Richter Gedeon Nyrt	2019377957	Applied Electric Vehicles Pty Ltd
2019372914	LG Electronics Inc.	2019378003	Azitra Inc
2019373056	Waymo LLC	2019378154	Crescendo Biologics Limited
2019373263	Paegasus Médical SA	2019378162	Yuyu Pharma, Inc.
2019373267	Adfil N.V.	2019378180	Diversey, Inc.
2019373295	Inventio AG	2019378901	Mexichem Fluor S.A. de C.V.
2019373349	ObsEva S.A.	2019379775	BP Exploration Operating Company Limited
2019373373	Les Laboratoires Servier; Novartis AG	2019379797	Poxel
2019373407	The Walter and Eliza Hall Institute of Medical Research	2019379858	Janssen Biotech, Inc.
2019373411	Phytoplenus Bioativos S.A.	2019380263	Applied Medical Resources Corporation
2019373475	The University of British Columbia	2019380367	Dolby International AB; Dolby Laboratories Licensing Corporation
2019373520	Nanjing Iron & Steel Co., Ltd.	2019380413	Contraline, Inc.
2019373610	China Petroleum & Chemical Corporation	2019380538	AerBetic, Inc.
2019373651	W & H Sterilization S.R.L.	2019380603	Applied Medical Resources Corporation
2019373715	Be Green Packaging Co., Ltd.	2019380628	Silence Therapeutics GmbH
2019373739	Green Automation Group Oy	2019380669	S-Biomedic N.V.
2019373767	Nicoventures Trading Limited	2019380871	Applied Electric Vehicles Pty Ltd
2019373835	ESAB AB	2019381255	MGI Tech Co., Ltd.
2019373841	Universita' Degli Studi Di Milano - Bicocca; Glass to Power S.p.A.	2019381573	Chou, M.; Bergamot Sdn. Bhd.
2019373852	Allen, W.J.	2019381617	Applied Medical Resources Corporation
2019373857	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência	2019381817	Amgen Inc.
2019373895	Omxix Biopharmaceuticals Ltd.	2019382087	Lipigon Pharmaceuticals AB
2019374042	PepsiCo, Inc.	2019382095	KBC Groep NV
2019374051	Luca, V.	2019382143	R.G.C.C. Holdings AG
2019374064	Magenta Therapeutics Inc.	2019382494	Novozymes A/S
2019374103	Juno Therapeutics, Inc.; Memorial Sloan Kettering Cancer Center	2019382737	Bayer Aktiengesellschaft
2019374317	Unilever Global IP Limited	2019382749	Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts
2019374383	Ottobock SE & Co. KGaA	2019382777	Syngenta Crop Protection AG
2019374388	P.A. S.p.A.	2019382881	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2019374439	Unilever Global IP Limited	2019383298	Blockchain Systems Pte. Ltd.
2019374523	CRISPR Therapeutics AG	2019383384	Viasat Inc.
2019374700	Richardson, S.	2019383721	Grey Wolf Therapeutics Limited
2019374741	Avigilon Corporation	2019383948	Merck Sharp & Dohme Corp.
2019374751	Corteva Agriscience LLC	2019384114	Glance Networks, Inc.
2019374774	E&J Gallo Winery	2019384181	Ionis Pharmaceuticals, Inc.
2019374794	The Procter & Gamble Company; The Cleveland Clinic Foundation	2019384807	Accutar Biotechnology Inc.
2019374799	Citrix Systems, Inc.	2019385117	Kao Corporation
2019374883	Inari Agriculture, Inc.	2019385558	Sandvik Mining and Construction Tools AB
2019375096	Neopep Pharma GmbH & Co. KG	2019385902	Ulthera, Inc.
2019375159	Ishigaki Company Limited	2019386145	Brentwood Industries, Inc.
2019375269	Shikoku Kakoki Co., Ltd.; Nippon Paper Industries Co., Ltd.	2019386469	Ashmere Holdings Pty Ltd
2019375337	Sumitomo Electric Industries, Ltd.	2019386948	Halliburton Energy Services, Inc.
2019375404	XCOM Labs, Inc.	2019387189	Rapid Granulator AB
2019375497	Cold Plasma Group Inc.	2019387390	Dematic Corp.
2019375629	ABL Co., Ltd	2019387637	Ethicon, Inc.
2019375663	Nitto Denko Corporation	2019388052	Biotyx Medical (Shenzhen) Co., Ltd
2019375738	Spring Innovation AS	2019388299	Sky Canoe Inc.
2019376084	Akouos, Inc.	2019388843	Eli Lilly and Company
2019376282	BASF SE	2019388876	ImmunityBio, Inc.
2019376458	Unilever Global IP Limited	2019389003	Locus Agriculture IP Company, LLC
2019376487	F. Hoffmann-La Roche AG; mySugr GmbH	2019389015	ViaSat, Inc.
2019376498	Gripple Limited	2019389047	Novartis AG
2019376595	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019389369	RKW SE
2019376633	Purdue Pharma L.P.	2019389841	Oxford Nanopore Technologies Limited
2019376696	TNG Limited	2019389878	Alcon Inc.
2019376903	CRISPR Therapeutics AG	2019390300	The Toro Company
2019377115	Akouos, Inc.	2019391097	Sumitomo Dainippon Pharma Oncology, Inc.
2019377141	Calidi Biotherapeutics, Inc.	2019391309	Metys Pharmaceuticals AG
2019377269	Ethicon, Inc.	2019391398	Alcon Inc.
2019377358	Mobilaris MCE AB	2019391480	Japan Aviation Electronics Industry, Limited; Tokyo Institute of Technology
2019377416	JAMF Software, LLC	2019391604	Commonwealth Scientific and Industrial Research Organisation
2019377423	MarvelBiome, Inc.	2019392088	Trustees of Tufts College
2019377686	Gree Electric Appliances, Inc. of Zhuhai	2019392232	Sunshine Lake Pharma Co., Ltd.
2019377791	The Clorox Company	2019392292	Loram Technologies, Inc.

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2019392711	MorphoSys AG	2020214177	International Business Machines Corporation
2019393922	Bayer Aktiengesellschaft	2020215026	Capital One Services, LLC
2019394366	Sensortine Pty Ltd	2020215267	Omya International AG
2019394519	Sunshine Lake Pharma Co., Ltd.	2020217350	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.
2019394706	Metys Pharmaceuticals AG		
2019394744	Tillotts Pharma AG	2020221134	Samsung Electronics Co., Ltd.
2019395201	Daiichi Sankyo Company, Limited	2020229448	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019395666	TradeStar Corporation	2020233998	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019395713	Société des Produits Nestlé S.A.	2020235220	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019395841	MorphoSys AG	2020238236	Samsung Electronics Co., Ltd.
2019395887	Boehringer Ingelheim IO Canada Inc.	2020244369	Jiangsu Sevencontinent Green Chemical Co., Ltd.; Jiangsu Sevencontinent Green Technology Research Institute Co., Ltd.
2019396135	Ekona Power Inc.		
2019396393	Electrolux Appliances Aktiebolag	2020277229	China University of Mining and Technology
2019396425	Algorand Inc.	2020288968	LG Electronics Inc.
2019396840	Ekona Power Inc.	2020289770	Jiangnan University
2019396903	Yuyama MFG. Co., Ltd.	2020294274	BPW (Meizhou) Axle Co., Ltd
2019397288	Guangdong Midea White Home Appliance Technology Innovation Center Co., Ltd.; Midea Group Co., Ltd.	2020314539	Robertson, H.; Robertson, D.
		2020327339	Yantai Huakang Biotech. Co., Ltd.
2019398265	Electrolux Appliances Aktiebolag	2020329732	GOOGLE LLC
2019398714	MMD Design & Consultancy Limited	2020335018	Innerclock Holdings Pty. Ltd
2019398887	Societe Des Produits Nestle SA	2020358974	Click Therapeutics, Inc.
2019399661	SEED Co., Ltd.		
2019400039	Electrolux Appliances Aktiebolag		
2019400059	Société Des Produits Nestlé SA		
2019400099	Société des Produits Nestlé S.A.		
2019400337	Ningbo AUX Electric Co., Ltd.		
2019400340	Eisai R&D Management Co., Ltd.		
2019402081	Amgen Inc.		
2019403218	Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation		
2019403731	Victoria Link Limited		
2019404202	Advanced Construction Robotics, Inc.		
2019406995	Brengor Innovation Ltd		
2019407473	Société des Produits Nestlé S.A.		
2019409543	Société des Produits Nestlé S.A.		
2019410227	Société des Produits Nestlé S.A.		
2019411398	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shirui Electronics Co., Ltd.		
2019411629	The Sun Lock Company Limited		
2019412926	Cosmo Koki Co., Ltd.		
2019414424	CHEP Technology Pty Limited		
2019416121	Becton, Dickinson and Company		
2019417293	Diversey, Inc.		
2019418729	Inkbit, LLC		
2019419750	Adama Makhteshim Ltd.		
2019422569	Yan, G.		
2019428456	Disney Enterprises, Inc.		
2019429374	Suzuki Manufacturing, Ltd.		
2019432494	Jiangmen Pengcheng Helmets Ltd.		
2019436654	Dalian University of Technology		
2019439338	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.		
2019439465	Instrumentation Laboratory Company		
2019444187	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.		
2019447525	Green 5 Holding Pte Ltd		
2019449838	South China Sea Institute of Oceanology, Chinese Academy of Sciences		
2019456283	NantKwest, Inc.		
2019456438	Nantkwest, Inc.		
2019458291	Intuit Inc.		
2019459210	Intuit Inc.		
2019459377	Intuit Inc.		
2019467669	Southeast University		
2020208395	Regeneron Pharmaceuticals, Inc.		
2020208396	Regeneron Pharmaceuticals, Inc.		
2020210831	Novaremed Ltd.		
2020211862	Komatsu Ltd.		
2020211863	Komatsu Ltd.		
2020212836	Komatsu Ltd.		
2020212919	Komatsu Ltd.		
2020213829	International Business Machines Corporation		

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<u>A01B 45 /-</u>	2019373739	<u>A01N 43 /-</u>	<u>A23J 3 /-</u>	<u>A24D 1 /-</u>	<u>A47C 20 /-</u>
2019390300	<u>A01H 5 /-</u>	2019347770	2019358593	2019355577	2019348052
<u>A01B 79 /-</u>	2019360344	2019367327	2019364074	<u>A24F 1 /-</u>	<u>A47F 1 /-</u>
2019364434	<u>A01H 6 /-</u>	2019374751	<u>A23K 10 /-</u>	2019346081	2019374774
2019394366	2019346360	2019378180	2019358593	<u>A24F 40 /-</u>	<u>A47F 3 /-</u>
<u>A01C 23 /-</u>	2019360344	2019382777	2019398887	2019361098	2019374774
2019394366	<u>A01K 29 /-</u>	2019419750	<u>A23K 20 /-</u>	2019361939	<u>A47F 5 /-</u>
<u>A01C 5 /-</u>	2019375663	<u>A01N 47 /-</u>	2019358244	2019362414	2019374774
2019394366	<u>A01K 39 /-</u>	2019367327	2019365574	2019370809	<u>A47F 7 /-</u>
<u>A01C 7 /-</u>	2019370617	2019374751	2019410227	2019371080	2019374774
2019394366	<u>A01K 5 /-</u>	2019377791	<u>A23K 50 /-</u>	2019372222	<u>A47F 7 /-</u>
<u>A01D 34 /-</u>	2019370617	2019378180	2019358244	<u>A24F 47 /-</u>	2019374774
2019360129	<u>A01K 61 /-</u>	2019378180	2019365574	2019346977	<u>A47G 19 /-</u>
2019362323	2019369933	2019417293	<u>A23L 19 /-</u>	2019356253	2019368252
<u>A01D 45 /-</u>	2019375738	<u>A01P 13 /-</u>	2019361640	2019373767	<u>A47G 25 /-</u>
2019369423	<u>A01K 63 /-</u>	2019367327	<u>A23L 2 /-</u>	2019432494	<u>A47G 9 /-</u>
<u>A01D 46 /-</u>	2019375738	2019374751	<u>A23L 27 /-</u>	<u>A43B 1 /-</u>	2019348052
2019350460	<u>A01K 67 /-</u>	<u>A01P 3 /-</u>	2019353106	2019364978	<u>A47J 31 /-</u>
2019361268	2019352760	2019367327	<u>A23L 29 /-</u>	<u>A43B 17 /-</u>	2019367799
<u>A01D 67 /-</u>	2019356014	<u>A01P 7 /-</u>	2019358593	2019364978	2019400059
2019360129	2019359400	2019367327	2019361640	<u>A43B 7 /-</u>	<u>A47J 37 /-</u>
2019362323	2019369527	<u>A21B 3 /-</u>	2019364262	2019364978	2019349982
<u>A01D 91 /-</u>	<u>A01K 7 /-</u>	2019349982	2019395713	<u>A45F 3 /-</u>	2019355539
2019364434	2019370617	2019398265	2019400099	2019370615	<u>A47J 43 /-</u>
<u>A01G 13 /-</u>	<u>A01N 1 /-</u>	2019400039	<u>A23L 3 /-</u>	<u>A47B 13 /-</u>	2019359180
2019350796	2019357737	<u>A23B 7 /-</u>	2019375629	2019365107	<u>A47K 10 /-</u>
<u>A01G 17 /-</u>	<u>A01N 25 /-</u>	2019375497	<u>A23L 33 /-</u>	<u>A47B 21 /-</u>	2019350714
2019376498	2019377791	<u>A23C 11 /-</u>	2019358593	2019360440	<u>A47K 3 /-</u>
<u>A01G 22 /-</u>	2019378180	2019361640	2019361640	<u>A47B 27 /-</u>	2019341521
2019364434	2019382777	<u>A23C 17 /-</u>	2019377423	2019360440	<u>A47L 11 /-</u>
<u>A01G 27 /-</u>	2019417293	2019354896	2019395713	<u>A47B 87 /-</u>	2019362917
2019373739	2020289770	<u>A23C 9 /-</u>	2019398887	2019352900	2019370468
<u>A01G 29 /-</u>	<u>A01N 31 /-</u>	2019354896	2019400099	2019360440	<u>A47L 15 /-</u>
2019337776	2019367327	2019364074	2019407473	<u>A47B 96 /-</u>	2019362030
<u>A01G 31 /-</u>	<u>A01N 33 /-</u>	<u>A23D 9 /-</u>	2019410227	2019352900	2019366908
2019369423	2019367327	2019409543	<u>A24B 15 /-</u>	2019360440	2019370468
2019373739	2020244369	<u>A23G 9 /-</u>	2019365396	<u>A47B 97 /-</u>	2020288968
<u>A01G 9 /-</u>	<u>A01N 37 /-</u>	2019382777	2019370808	2019360440	<u>A47L 9 /-</u>
2019350796	2019417293	2019417293	2019370809	2019362030	2019362030
	<u>A01N 39 /-</u>	2019359180	2019370810		
	2019374751	<u>A23J 1 /-</u>	2019371080		
		2019382494	2019372222		
			2019373767		

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2019366908	2020314539	A61G 10/-	2019361359	2019355201	2019359755
2019370468			2019361520	2019356004	2019359812
2020238236	A61B 50/-	2019357280	2019361697	2019356014	2019359877
2020288968			2019361808	2019357737	2019361983
A61B 1/-	2019360957	A61G 3/-	2019361980	2019357850	2019363172
	2019363812		2019362007	2019359400	2019364415
2019349982	A61B 6/-	2019356570	2019362010	2019359883	2019365804
2019354913			2019362468	2019361322	2019370291
2019362278	2019363728	A61H 33/-	2019362658	2019362006	2019370755
2019367836		2019357280	2019362753	2019362080	2019370999
2019377890	A61B 8/-		2019362848	2019364440	2019371382
A61B 10/-	2019364011	A61H 37/-	2019363148	2019368313	2019371457
			2019363244	2019370629	2019372239
2019362278	A61B 90/-	2019357280	2019363606	2019371304	2019372436
			2019364417	2019374064	2019372568
A61B 17/-	2019346458	A61J 1/-	2019364739	2019374523	2019374103
	2019354913		2019365204	2019376903	2019374523
2018441886	2019359811	2018450198	2019365405	2019377141	2019378003
2019339486	2019360957	2019364364	2019365804	2019380669	2019379858
2019344464	2019363812	A61J 3/-	2019366312	2019382749	2019394744
2019346458	2019367836		2019366355	2019388876	2019395887
2019346553	2019380263	2019358520	2019366451	2019456438	
2019346607	2019380603	2019396903	2019368245		A61K 45/-
2019347823			2019369216	A61K 36/-	2018445889
2019349682	A61C 19/-	A61K 31/-	2019370062		2019341000
2019349904			2019370377	2019351949	2019344692
2019350722	2019360713	2018444285	2019370921	2019359779	2019344692
2019357956		2018447240	2019371080	2019360164	2019346057
2019360957	A61C 7/-	2018449013	2019372046	2019364677	2019350869
2019362278		2019334264	2019372222	2019371304	2019352068
2019363606	2019360713	2019338032	2019373349	2019373411	2019359883
2019380263		2019338076	2019373373	2019374794	2019361808
2019380603	A61D 7/-	2019338236	2019373407	2019377820	2019361980
A61B 18/-	2019338076	2019339924	2019373767		2019363606
	2019370617	2019341723	2019374794	A61K 38/-	2019369216
2019338398	A61F 13/-	2019342426	2019376633		2019372239
2019359811		2019344398	2019377820	2018445889	2019373349
2019360957	2019389369	2019344692	201937820	2018448903	2019407473
2019365225		2019344764	2019380628	2018450198	
2019381617	A61F 2/-	2019344878	2019382087	2019348538	A61K 47/-
2019385902		2019346057	2019382737	2019348538	
A61B 3/-	2018441886	2019346147	2019383948	2019351273	2019338076
	2019346458	2019346360	2019384807	2019355201	2019341723
2019343188	2019346607	2019346521	2019388843	2019357737	2019345248
2019344059	2019347499	2019346543	2019391097	2019361193	2019346466
2019365201	2019350675	2019346635	2019391309	2019363606	2019347515
2019371199	2019359400	2019347515	2019392232	2019363725	2019350869
A61B 34/-	2019361962	2019348132	2019394519	2019366008	2019351458
	2019388052	2019350769	2019394706	2019366366	2019358201
2019339486	2019399661	2019350869	2019395201	2019368313	2019360164
2019346458	A61F 5/-	2019351122	2019400340	2019369403	2019362064
2019350675		2019351124	2019407473	2019370629	2019363244
2019354913	2019350675	2019351494	2019409543	2019371232	2019363725
A61B 46/-	2019374383	2019351731	2019410227	2019372239	2019364570
	2020314539	2019351809	2020210831	2019375096	2019369299
2019369457	A61F 6/-	2019352068	A61K 33/-	2019378162	2019369340
		2019355870		2019380669	2019370807
A61B 5/-	2019346360	2019356004	2018446799	2019403218	2019371232
		2019356168	2019338076	A61K 39/-	2019372568
2018440943	A61F 7/-	2019357040	2019346521		2019373373
2019350675		2019357801	2019347515	2018446059	2019391097
2019356913	2019357933	2019357933	2019351949	2018448903	2019392088
2019359377		2019358195	2019358244	2018450414	2019395841
2019364011	A61F 9/-	2019358244	2019361808	2019339924	2019400340
2019364441		2019359755	2019371304	2019341095	
2019373263	2019391398	2019359779		2019341723	A61K 48/-
2019375663		2019359823	A61K 35/-	2019346457	
2019380538	2019391398	2019359883		2019348877	2019341000
		2019359899	2019343166	2019351273	2019343166
		2019360164	2019346903	2019351458	2019350521
		2019360846	2019350521	2019353009	2019361129
			2019351273	2019359207	2019362000
				2019359475	2019364440

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2019370629	<u>A61L 31 /-</u>	<u>A61N 5 /-</u>	2019391309	2019359475	
2019376084			2019394706	2019359755	<u>A61Q 19 /-</u>
2019377115	2019369457	2019363728	2020210831	2019359883	
2019389047	2019373895	2019391398		2019363148	2019373411
2019403218			<u>A61P 27 /-</u>	2019363172	
	<u>A61L 33 /-</u>	<u>A61N 7 /-</u>		2019364417	<u>A62D 1 /-</u>
<u>A61K 49 /-</u>			2019342426	2019365405	
	2019344801	2018446059	2019363148	2019366355	2019363803
2019382881		2019369173	2019366451	2019369216	
	<u>A61M 1 /-</u>	2019385902	2019376084	2019369299	<u>A63B 63 /-</u>
<u>A61K 51 /-</u>			2019377115	2019369340	
	2019343128	<u>A61P 1 /-</u>	2019378162	2019370291	2019366403
2019357043	2019389878			2019370755	<u>A63B 71 /-</u>
2019358195		2019350769	<u>A61P 29 /-</u>	2019370807	
2019370291	<u>A61M 11 /-</u>	2019358041		2019370926	2019366403
		2019358244	2019334264	2019371457	
<u>A61K 8 /-</u>	2019346977	2019362468	2019338236	2019372046	<u>B01D 11 /-</u>
		2019362753	2019360846	2019372239	
2018448228	<u>A61M 15 /-</u>	2019379797	2019362468	2019372436	2019352520
2019359364		2019407473	2019379797	2019373373	2019359779
2019360164	2019346977			2019374103	
2019373411		<u>A61P 11 /-</u>	<u>A61P 3 /-</u>	2019374523	<u>B01D 15 /-</u>
2019376458	<u>A61M 16 /-</u>			2019377141	
2019380669		2018450414	2019344692	2019378003	2019359263
	2019360030	2019362753	2019346903	2019379797	2019362006
<u>A61K 9 /-</u>	2019363227		2019360846	2019383721	<u>B01D 25 /-</u>
	2019368820	<u>A61P 13 /-</u>	2019363725	2019383948	
2019338076			2019374794	2019388843	2019375159
2019339924	<u>A61M 25 /-</u>	2018444285	2019377820	2019392232	
2019343188		2019357850	2019379797	2019392711	<u>B01D 3 /-</u>
2019345248	2019338398	2019360846	2019395201	2019394519	
2019345272	2019343035	2019361520	<u>A61P 31 /-</u>	2019395201	2019351320
2019346543	2019343639	2019361808		2019395887	
2019347515	2019350675	2019374794	2019334264	2019456438	<u>B01D 35 /-</u>
2019351809	<u>A61M 27 /-</u>	2019377820	2019344398		
2019358520			2019357801	<u>A61P 37 /-</u>	2018448364
2019360164	2019364441	<u>A61P 15 /-</u>	2019358244		
2019360713			2019359207	2019341095	<u>B01D 50 /-</u>
2019360846	<u>A61M 29 /-</u>	2019370921	2019361697	2019344398	
2019361129		2019373349	2019363172	2019346457	2019397288
2019361193	2019350675	<u>A61P 17 /-</u>	2019364677	2019351458	
2019361808			2019364739	2019364677	<u>B01D 53 /-</u>
2019363244	<u>A61M 3 /-</u>	2018449013	2019366008	2019370629	
2019363725		2019344878	2019370999	2019370755	2019362619
2019367331	2018448364	2019371304	<u>A61P 33 /-</u>	2019410227	2019369241
2019371304	2019389878	2019373411			2019391604
2019372568	<u>A61M 31 /-</u>	2019380669	2019358244	<u>A61P 43 /-</u>	<u>B01D 61 /-</u>
2019376633			2019363172		
2019378162	2019338076	<u>A61P 19 /-</u>		2019360846	2018440774
2019394744			<u>A61P 35 /-</u>	2019372239	2019354896
2019395841	<u>A61M 37 /-</u>	2018444285		<u>A61P 7 /-</u>	2019362654
2019400340		2019361520	2018446799		2019379775
2019407473	2019372228	2019370062	2019334264	2019357737	<u>B01D 63 /-</u>
	2019380413	<u>A61P 25 /-</u>	2019338032	2019361808	
<u>A61L 2 /-</u>			2019339924	2019365804	2019366302
	<u>A61M 39 /-</u>	2018446059	2019341000	2019367331	
2019373651		2018449013	2019341266	<u>A61P 9 /-</u>	<u>B01D 9 /-</u>
2019375497	2019343035	2019346147	2019344398		
2019377791		2019355870	2019344764	2018444285	2018440774
<u>A61L 26 /-</u>	<u>A61M 5 /-</u>	2019357040	2019344871	2019374794	
		2019359823	2019344878	2019377820	<u>B01J 13 /-</u>
2019344801	2019359364	2019359899	2019347849	2019379797	
2019373895	2019360097	2019361359	2019348132	2019380628	2019360164
	2019360726	2019362010	2019351458		
<u>A61L 27 /-</u>	2019362327	2019362468	2019351494	<u>A61Q 15 /-</u>	<u>B01J 19 /-</u>
	2019364441	2019366312	2019351949		
2019388052	2019380413	2019368245	2019351949	2019376458	2019364694
		2019373407	2019352068		2019386145
<u>A61L 29 /-</u>	<u>A61N 1 /-</u>	2019374794	2019353009	<u>A61Q 17 /-</u>	2019396135
		2019376633	2019356168		
2019366891	2019364532	2019377820	2019357933	2018448228	
	2019365575	2019382737	2019358195		

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<u>B01J 20 /-</u>	2019341541	<u>B25J 9 /-</u>	2019392088	<u>B60J 5 /-</u>	<u>B62D 11 /-</u>
2019359263	<u>B08B 3 /-</u>	2019358807	<u>B33Y 10 /-</u>	2019380871	2019364887
2019362006	2019362278	<u>B26B 21 /-</u>	2019360713	<u>B60K 17 /-</u>	<u>B62D 21 /-</u>
2019391604	2019365063	2019406995	2020233998	2019364887	2019356169
<u>B01J 23 /-</u>	2020229448	<u>B27B 33 /-</u>	<u>B33Y 30 /-</u>	<u>B60K 7 /-</u>	<u>B62D 25 /-</u>
2018445547	<u>B08B 9 /-</u>	2019357956	2019346458	2019364887	2019356169
<u>B01J 39 /-</u>	2019362278	<u>B29C 44 /-</u>	2020229448	2019377957	2019356169
2019354896	2019365275	2019364237	2020233998	<u>B60L 50 /-</u>	<u>B62D 29 /-</u>
<u>B01J 4 /-</u>	<u>B09B 3 /-</u>	<u>B29C 45 /-</u>	<u>B33Y 40 /-</u>	2019353340	2019356169
2019345112	2019358240	2019361988	2020229448	<u>B60N 2 /-</u>	<u>B62D 55 /-</u>
<u>B01L 3 /-</u>	<u>B09B 5 /-</u>	<u>B29C 48 /-</u>	2020233998	2019356570	2019362768
2019344001	2019358240	<u>B29C 64 /-</u>	<u>B33Y 50 /-</u>	2019360129	2019364887
<u>B02C 18 /-</u>	<u>B22F 1 /-</u>	2019377269	2020235220	<u>B60P 1 /-</u>	<u>B62D 57 /-</u>
2019387189	2019373610	<u>B29C 65 /-</u>	<u>B33Y 70 /-</u>	2019390300	2018446093
<u>B02C 23 /-</u>	<u>B22F 9 /-</u>	2019346458	2019360133	<u>B60P 3 /-</u>	<u>B62D 59 /-</u>
2019344870	2019351409	2019360713	<u>B41F 13 /-</u>	2019356169	2019361734
2019398714	2019351410	2020229448	2019371384	<u>B60Q 1 /-</u>	<u>B62D 63 /-</u>
<u>B02C 25 /-</u>	<u>B23K 37 /-</u>	2020233998	<u>B41F 17 /-</u>	2019367836	2019361734
2019351726	2019373835	2020235220	<u>B41F 17 /-</u>	<u>B60R 1 /-</u>	<u>B62D 7 /-</u>
<u>B02C 4 /-</u>	<u>B23K 9 /-</u>	2019343150	2019358520	2020211862	2019377957
2019351726	2019373835	2019343431	2019371384	2020211863	<u>B62J 27 /-</u>
<u>B05B 1 /-</u>	2019422569	2019393922	<u>B41J 2 /-</u>	<u>B60R 11 /-</u>	2019447525
2019343761	<u>B24B 41 /-</u>	<u>B29K 67 /-</u>	2019337357	2020212836	<u>B63B 21 /-</u>
2019368102	2018445669	2019377269	<u>B41J 29 /-</u>	<u>B60R 16 /-</u>	2019364146
<u>B05B 12 /-</u>	<u>B24C 3 /-</u>	<u>B31F 1 /-</u>	2019337357	2019341397	2019368560
2019350695	2019341700	2019350714	<u>B41J 3 /-</u>	<u>B60R 21 /-</u>	<u>B63B 22 /-</u>
<u>B05B 15 /-</u>	<u>B24C 5 /-</u>	<u>B32B 18 /-</u>	2019337357	2019356169	2019449838
2019350695	2019341700	2019339612	<u>B44D 3 /-</u>	2019356570	<u>B63B 59 /-</u>
2019368102	<u>B24D 11 /-</u>	2019362215	2019355723	<u>B60R 22 /-</u>	2019341540
<u>B05B 3 /-</u>	2018445669	2019366315	<u>B60D 1 /-</u>	2019447525	2019341541
2019374388	<u>B24D 18 /-</u>	2019389369	2019341397	<u>B60R 25 /-</u>	<u>B63C 9 /-</u>
<u>B05B 7 /-</u>	2018445669	2020217350	<u>B60G 13 /-</u>	2019343739	2019360371
2019368102	<u>B24D 3 /-</u>	<u>B32B 29 /-</u>	2019362277	<u>B60S 5 /-</u>	<u>B63G 8 /-</u>
<u>B05B 9 /-</u>	2018445669	2019352606	<u>B60G 17 /-</u>	2019353340	2019368560
2019350695	<u>B24D 7 /-</u>	2019366315	2019362277	<u>B60T 8 /-</u>	<u>B64C 15 /-</u>
<u>B07B 1 /-</u>	2018445669	2019364237	<u>B60G 21 /-</u>	2019342486	2019388299
2019361268	<u>B24D 9 /-</u>	2019389369	2019362277	<u>B61F 5 /-</u>	<u>B64C 25 /-</u>
<u>B07C 5 /-</u>	2018445669	2019362215	<u>B60G 3 /-</u>	2019362281	2019388299
2019398714	<u>B25J 15 /-</u>	<u>B32B 9 /-</u>	2019377957	2019365823	<u>B64C 27 /-</u>
<u>B08B 17 /-</u>	2019358807	2019362215	<u>B60G 9 /-</u>	<u>B61L 15 /-</u>	2019388299
2019341540	2019358807	2019366315	2019362277	2019362281	

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<u>B64C 3 /-</u>	2019381573	<u>B65H 16 /-</u>	2019386145	<u>C07C 279 /-</u>	<u>C07D 221 /-</u>
2019370615	<u>B65D 51 /-</u>	2019342090	<u>C04B 20 /-</u>	2019367331	2019356565
<u>B64C 39 /-</u>	2019365577	<u>B66B 19 /-</u>	2019373267	<u>C07C 29 /-</u>	<u>C07D 231 /-</u>
2019370615	<u>B65D 55 /-</u>	2019370583	<u>C04B 28 /-</u>	2019351320	2018447240
2019388299	2019371131	<u>B66B 23 /-</u>	2019373267	<u>C07C 303 /-</u>	2019350769
<u>B64D 1 /-</u>	<u>B65D 65 /-</u>	2019366679	2019467669	2019356565	<u>C07D 239 /-</u>
2019374051	2019352606	2019373295	<u>C04B 38 /-</u>	<u>C07C 31 /-</u>	2019361697
<u>B64D 27 /-</u>	2019366315	<u>B66B 9 /-</u>	2019373610	2019351320	2019395201
2019361306	<u>B65D 75 /-</u>	2019370583	2019467669	<u>C07C 321 /-</u>	<u>C07D 241 /-</u>
<u>B64D 5 /-</u>	2019371131	<u>B66C 17 /-</u>	<u>C04B 40 /-</u>	2019353106	2019358041
2019374051	<u>B65D 77 /-</u>	2019404202	2019373267	2019367331	<u>C07D 249 /-</u>
<u>B65B 1 /-</u>	2019365394	<u>B66C 19 /-</u>	<u>C05F 11 /-</u>	<u>C07C 33 /-</u>	2019351122
2019370779	2019381573	2019404202	2019389003	2019360164	2019399661
<u>B65B 31 /-</u>	<u>B65D 8 /-</u>	<u>B66C 23 /-</u>	<u>C05G 3 /-</u>	<u>C07C 39 /-</u>	<u>C07D 251 /-</u>
2019370779	2019343431	2019362277	2019337776	2019359779	2019347357
<u>B65B 35 /-</u>	<u>B65D 81 /-</u>	<u>B66F 9 /-</u>	2019389003	2019360164	<u>C07D 257 /-</u>
2019358807	2019365577	2019362277	<u>C07C 1 /-</u>	2019361779	2019383721
<u>B65B 51 /-</u>	2020289770	<u>C01B 25 /-</u>	2018445547	<u>C07C 49 /-</u>	<u>C07D 261 /-</u>
2019344145	<u>B65D 83 /-</u>	2018440774	<u>C07C 211 /-</u>	2019353106	2019376282
<u>B65B 57 /-</u>	2019381573	2020215267	2019351809	2019399661	<u>C07D 277 /-</u>
2019344145	<u>B65D 90 /-</u>	<u>C01B 3 /-</u>	2019361129	<u>C07C 59 /-</u>	<u>C07D 277 /-</u>
<u>B65B 9 /-</u>	2019375738	2019345112	2019367331	2019361779	2018447240
2019344145	<u>B65F 1 /-</u>	2019353340	2019370377	<u>C07C 69 /-</u>	2019362596
2019344145	2019342090	<u>C01B 32 /-</u>	<u>C07C 215 /-</u>	2019348034	2019419750
2019375269	<u>B65G 1 /-</u>	2019341658	2019367331	2019367331	<u>C07D 295 /-</u>
<u>B65D 1 /-</u>	2019387390	2019357221	2019384807	<u>C07C 217 /-</u>	2019351809
2019362752	<u>B65G 15 /-</u>	<u>C01B 33 /-</u>	<u>C07C 219 /-</u>	2019383721	2019383721
<u>B65D 19 /-</u>	2019392292	2019360164	2019351809	<u>C07D 205 /-</u>	2019383721
2019365394	<u>B65G 37 /-</u>	<u>C01D 15 /-</u>	<u>C07C 229 /-</u>	2019383721	<u>C07D 307 /-</u>
<u>B65D 25 /-</u>	2019355246	2018440774	2019348034	2019391309	2019359812
2019343431	<u>B65G 39 /-</u>	<u>C01G 23 /-</u>	<u>C07C 233 /-</u>	<u>C07D 209 /-</u>	<u>C07D 311 /-</u>
<u>B65D 33 /-</u>	2019368347	2019376696	2020210831	2019356168	2019359779
2019371131	2019392292	<u>C02F 1 /-</u>	<u>C07C 235 /-</u>	<u>C07D 211 /-</u>	2019360164
<u>B65D 43 /-</u>	<u>B65G 47 /-</u>	2018448364	2019383721	2019383721	<u>C07D 401 /-</u>
2019342090	2019396903	2019358240	<u>C07D 213 /-</u>	<u>C07D 213 /-</u>	2019361697
2019370447	<u>B65G 61 /-</u>	2019360763	2019356565	2019358041	2019362848
2019373715	2019358807	2019362654	2019361779	2019361779	2019366355
<u>B65D 47 /-</u>	<u>B65G 65 /-</u>	2019379775	<u>C07C 237 /-</u>	<u>C07D 215 /-</u>	2019370926
2019371131	2019361734	<u>C02F 103 /-</u>	2019361129	2019351494	2019381817
<u>B65D 5 /-</u>	2019396903	2019360763	<u>C07C 271 /-</u>	<u>C07D 217 /-</u>	<u>C07D 403 /-</u>
2019342462	2019404202	2019351725	2019356565	2019366355	2019344878
2019365107		2019366302	2019360133		2019364739
					2019366312
					2019368245
					2019395201

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<u>C07D 413 /-</u>	<u>C07F 5 /-</u>	2019370629	<u>C08F 20 /-</u>	<u>C08L 33 /-</u>	<u>C09D 7 /-</u>
2019361697	2019357801	2019371232	2019364570	2018445848	2019356491
2019366355	<u>C07F 9 /-</u>	2019371462	<u>C08F 220 /-</u>	2019361048	2019357974
2019376282	2019356565	2019372436			2019374317
2019383721		2019374523		<u>C08L 43 /-</u>	2019374439
<u>C07D 417 /-</u>	<u>C07G 1 /-</u>	2019374883	2019399661	2018445848	<u>C09J 11 /-</u>
2019366355	2019368701	2019376084			2019343150
<u>C07D 471 /-</u>	<u>C07H 1 /-</u>	2019376903	<u>C08G 101 /-</u>	<u>C08L 5 /-</u>	<u>C09J 5 /-</u>
2019334264	2020327339	2019377115	2019356777	2019362658	2019343150
2019338236		2019388876	<u>C08G 16 /-</u>	<u>C08L 61 /-</u>	<u>C09K 3 /-</u>
2019344878	<u>C07H 13 /-</u>	2019403218	2019368701	2019368701	2019373475
2019346147	2019346823	<u>C07K 16 /-</u>	<u>C08G 18 /-</u>	<u>C08L 69 /-</u>	2019378901
2019348132		2018450414	2019345248	2019373267	2019385117
2019358041	<u>C07H 17 /-</u>	2019341095	2019356777		
2019359883	2019344398	2019341266	<u>C08G 59 /-</u>	<u>C08L 71 /-</u>	<u>C09K 5 /-</u>
2019362753		2019346457	2019353692	2018445848	2019378901
2019364417	<u>C07H 19 /-</u>	2019346466	<u>C08G 63 /-</u>	2019356777	
2019366355	2019339924	2019353009	2019387637	<u>C08L 75 /-</u>	<u>C10G 3 /-</u>
2019372046	2019344398	2019359207		2019345248	2019363697
2019392232		2019359475	<u>C08G 65 /-</u>	<u>C08L 83 /-</u>	<u>C10G 65 /-</u>
2019394519	<u>C07H 21 /-</u>	2019359812	2019358201	2019360164	2019365393
<u>C07D 475 /-</u>	2019337776	2019359877	<u>C08G 75 /-</u>	<u>C08L 89 /-</u>	<u>C10J 3 /-</u>
2019361697	2019344398	2019361189	2019360133	2019392088	2019345112
<u>C07D 487 /-</u>	2019362855	2019362080	<u>C08G 81 /-</u>	<u>C08L 97 /-</u>	<u>C10L 5 /-</u>
2019338032	<u>C07J 1 /-</u>	2019364415	2019361962	2019368701	2018444217
2019346635	2019357040	2019365804	<u>C08H 99 /-</u>	<u>C08L 99 /-</u>	2019357221
2019351124	2019359899	2019369498	2019368701	2019368701	<u>C11C 3 /-</u>
2019359883		2019370755	<u>C08J 3 /-</u>	<u>C09C 1 /-</u>	<u>C11D 1 /-</u>
2019362468	<u>C07J 13 /-</u>	2019370999	2019360164	2020215267	2019385117
2019362753	2019357040	2019371382	<u>C08J 5 /-</u>	<u>C09D 133 /-</u>	<u>C11D 3 /-</u>
2019364417	<u>C07J 21 /-</u>	2019371457	2019343150	2018445848	2019364541
2019366355	2019359899	2019372436	2019347357	2019356491	<u>C11D 7 /-</u>
2019383948		2019372568	2020289770	<u>C09D 163 /-</u>	2019378901
2019394706	<u>C07J 43 /-</u>	2019374103	<u>C08K 5 /-</u>	<u>C09D 167 /-</u>	<u>C12C 12 /-</u>
<u>C07D 491 /-</u>	2019357040	2019374523	2019347357	2019346823	2019364262
2019348132	2019359899	2019376903	<u>C08L 101 /-</u>	<u>C09D 191 /-</u>	<u>C12M 1 /-</u>
2019382737	<u>C07J 49 /-</u>	2019378154	2019346823	2019346823	2019351725
<u>C07D 495 /-</u>	2019357040	2019379858	<u>C09D 5 /-</u>	<u>C09D 5 /-</u>	2019381255
2019355870	2019359899	2019382143		2019356491	2019402081
2019366355	<u>C07J 7 /-</u>	2019392711	<u>C08L 23 /-</u>	2019357974	<u>C12N 1 /-</u>
2019368245	2019357040	2019394744	2019373267	2019374317	2018450414
2019379797	2019359899	2019395887		2019374439	2019346903
2019395201	<u>C07K 14 /-</u>	<u>C07K 19 /-</u>			2019355498
<u>C07D 513 /-</u>	2019357040	2019344871			2019370755
2019355870	2019359899	2019374883			
2019366355	<u>C07K 4 /-</u>	<u>C07K 4 /-</u>			
2019379797	2019357040	2019374883			
2019395201	<u>C07K 5 /-</u>	<u>C07K 5 /-</u>			
<u>C07D 519 /-</u>	2019359899	2019351458			
2019334264	<u>C07K 7 /-</u>	<u>C07K 5 /-</u>			
2019338032	2019344871	2019348034			
2019355870	2019346457	<u>C07K 7 /-</u>			
2019359883	2019346466	2018445889			
2019362753	2019348538	2019366366			
2019366355	2019350521	2019375096			
2019372046	2019351273	2019378162			
2019395201	2019351458	<u>C08B 30 /-</u>			
	2019359475	<u>C07K 7 /-</u>			
	2019363172	2019382494			
	2019364436	<u>C08B 37 /-</u>			
	2019366956	2019341723			
	2019369403	2019362658			
	2019369498				

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2019377423	2019363172	C22B 3 /-	D06F 39 /-	2020212919	E21B 23 /-
2019378003					
2019389003	C12N 9 /-	2019376696	2019369876	E04B 1 /-	2018453912
C12N 11 /-	2019341000	C22B 34 /-	D06F 58 /-	2018444444	E21B 28 /-
	2019357846			2019386469	
2019357850	2019358915	2019376696	2019369876	E04B 2 /-	2019365569
C12N 15 /-	2019360344	C22C 19 /-	D06F 75 /-		E21B 29 /-
	2019360937			2019362670	
2018450414	2019364541	2019363613	2018448246	2019386469	2019371753
2019337776	2019365440				
2019341000	2019370629	C22C 38 /-	D06P 5 /-	E04F 11 /-	E21B 31 /-
2019341095	2019371382				
2019342866	2019374883	2019373520	2019337357	2019342191	2018453912
2019344871	2019377423			2019365580	
2019347849	2019382494	C23C 26 /-	D21H 17 /-		E21B 33 /-
2019348877				E04F 13 /-	
2019350521	C12P 19 /-	2019385117	2019346823		2019386948
2019350871			2019355577		
2019351809	2019347849	C23C 4 /-		2019339612	E21B 34 /-
2019358806	2019362044		D21H 19 /-	2019366769	
2019360182	2019368701	2019346150		E04F 15 /-	2019386948
2019360937	2019371382	2019363613	2019346823		
2019361193	2020327339		2019366315	2019339612	E21B 37 /-
2019362000	C12P 21 /-	C40B 30 /-		2019373852	2019371753
2019362064			D21H 21 /-		
2019362312	2019341095	2019364694		E04G 13 /-	E21B 41 /-
2019364541	2019379858	C40B 40 /-	2019346823		
2019364562	2019395887		2019355577	2019342191	2019371753
2019364694		2019362280	D21H 27 /-	E04G 21 /-	2019386948
2019365440	C12P 5 /-	2019362855			
2019369403		2019364694	2019346823	2019404202	E21B 43 /-
2019369527	2019358240		2019350714		
2019370629	C12P 7 /-	D01F 6 /-	2019352606	E04H 12 /-	2019365569
2019370755			2019366315		2019379775
2019374883		2019377269		2019338404	
2019376084	2019358240		D21J 1 /-		E21B 47 /-
2019377115	2019360338	D02G 3 /-		E04H 4 /-	
2019377423	2019364262		2019346823		2019361315
2019378003	2019377423	2019365143		2019342316	2019362888
2019379858	C12Q 1 /-	D04B 35 /-	E01C 19 /-		2019370797
2019380628				E05B 37 /-	E21B 7 /-
2019382087	2019343198	2019337357	2019390300	2019411629	
2019382494	2019348877		E01C 23 /-		2019371753
2019384181	2019350777	D05B 27 /-		E05B 67 /-	
2019389047	2019360344		2019390300		E21C 27 /-
2019395887	2019361189	2019429374		2019411629	
C12N 5 /-	2019362596	D05C 11 /-	E01C 9 /-		2019385558
	2019362855			E05D 15 /-	E21D 9 /-
2018450414	2019362972	2019337357	2019350796	2019380871	
2019343166	2019364694		E01F 15 /-		2020277229
2019345976	2019370035	D05C 13 /-		E05F 15 /-	
2019351273	2019371382		2019351931		F01P 5 /-
2019361189	2019371797	2019337357		2019380871	2019369490
2019361322	2019378003	D06B 11 /-	E02B 3 /-		
2019364440	2019389841			E06B 3 /-	F01P 7 /-
2019368313	2019439465	2019337357	2019369933		
2019369527	C12R 1 /-		E02D 27 /-	2019362670	2019369490
2019370629		D06B 23 /-		2019373841	
2019370755	2019346903		2019338404		E21B 10 /-
2019371382		2019337357		2019385558	F03B 13 /-
2019374064	C21D 8 /-		E02F 3 /-		2019365492
2019382143		D06F 33 /-		E21B 17 /-	2019366771
2019388876	2019373520		2019361734		
2019395887		2019372914		E02F 9 /-	F03D 1 /-
2019456283	C22B 1 /-	D06F 37 /-			2018447765
2019456438			2019361734	2019362382	
C12N 7 /-	2019373475		2020211862	E21B 19 /-	
		2019372914	2020211863		F04B 39 /-
2019362280			2020212836	2019370494	2018451774

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F04B 53 /-	F16K 3 /-	F21V 23 /-	F25D 23 /-	G01C 15 /-	2019343198
2018451774	2019371796	2018445787	2018451774	2020212919	2019354861
		2019341540			2019357043
		2019341541			2019360758
F16B 39 /-	F16K 31 /-		F25D 25 /-	G01C 19 /-	2019361327
2019361886	2019347850	F21V 31 /-	2019387390	2019391480	2019361983
	2019359500				2019362006
		2019341540	F25D 3 /-	G01C 21 /-	2019362596
F16D 125 /-	F16K 37 /-	2019341541	2019359180	2019377358	2019370035
2019365306	2019359500				2019380669
		F21W 107 /-	F26B 21 /-	G01D 11 /-	2019382749
F16D 48 /-	F16K 5 /-	2019341540	2019398265	2019373475	2019389841
2019365306	2019371796	2019341541			2020208395
			F28D 20 /-	G01D 21 /-	2020208396
F16D 65 /-	F16K 7 /-	F21Y 105 /-	2019349969	2019449838	G01P 5 /-
2020294274	2019347850	2019341540			2019364861
		2019341541	F28D 9 /-	G01F 23 /-	G01R 31 /-
F16F 15 /-	F16L 1 /-	F21Y 115 /-	2019386145	2019341541	2019361447
2018451774	2019341691	2018445787			2019363834
		2019341540	F28F 25 /-	G01G 19 /-	
F16G 11 /-	F16L 11 /-	2019341541	2019386145	2019365394	G01R 33 /-
2019376498	2019362382			2019365823	2019359377
		F24C 1 /-	F41A 17 /-	G01G 23 /-	G01S 15 /-
F16H 25 /-	F16L 13 /-	2019349982	2019358194	2019365394	2019364861
2019365306	2019393922	F24C 15 /-	F41B 15 /-	G01G 3 /-	2019368560
F16H 48 /-	F16L 15 /-	2019396393	2019355900	2019365394	G01S 17 /-
2019397288	2019356283	2019398265	F41G 3 /-		2019369212
		2019400039	2019358194	G01J 5 /-	G01S 5 /-
F16H 57 /-	F16L 21 /-	F24C 7 /-		2019369876	
2019369490	2019348823	2019349982	F41H 13 /-	G01M 3 /-	2019347688
		2019396393	2019355900	2019362683	2019363333
F16H 7 /-	F16L 23 /-	F24F 11 /-	F41H 3 /-	G01M 99 /-	G01S 7 /-
2019364976	2019369307	2018445437	2019342087	2019356608	2019368560
			F42B 1 /-		2019369212
F16J 15 /-	F16L 37 /-	F24F 13 /-	2019367298	G01N 15 /-	2019373056
2019347529	2019363012	2019400337	F42D 1 /-	2019362006	
			2019373857	2019373857	G01V 1 /-
F16K 1 /-	F16L 55 /-	F24F 5 /-	2019367298	G01N 21 /-	2019346137
2019412926	2019365275	2018445437	F42D 3 /-	2019416121	G01V 5 /-
	2019412926	2019349969	2019367298	G01N 23 /-	2019362888
F16K 11 /-	F21K 9 /-	F24F 6 /-	G01B 11 /-	2019361327	G02B 1 /-
2019359500	2019367836	2019363227	2019343767	G01N 27 /-	2019342087
F16K 17 /-	F21K 99 /-	F25B 1 /-	G01B 5 /-	2019348034	2019362215
2019369490	2018445787	2019347228	2019343767	2019373475	2019399661
F16K 25 /-	F21S 2 /-	F25B 45 /-	G01B 9 /-	2019439465	G02B 19 /-
2019371796	2018445787	2019347228	2019393922	G01N 30 /-	2019367836
				G01N 33 /-	G02B 21 /-
F16K 27 /-	F21S 43 /-	F25C 1 /-	2019391480	2019341095	
2019371796	2019367836	2019359180	2019418729	2019341266	
2019412926		F25D 13 /-			
F16K 29 /-	F21V 19 /-	2019387390			
2019359500	2018445787				

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2019361220 2019366364	2019348020	2018444274 2019354913 2019357043	2019366364	2019428456	2019353340 2019396840
<u>G02B 3 /-</u>	<u>G06F 11 /-</u>	2019357615 2019361220 2019363356 2019364434 2019365219 2019376487 2019459210	<u>G06T 17 /-</u>	<u>G16B 40 /-</u>	<u>H01S 1 /-</u>
2019342087	2019320956 2019321745 2019323042 2019377416		2019355381 2019436654	2019356597	2019391480
<u>G02B 30 /-</u>	<u>G06F 13 /-</u>	<u>G06N 10 /-</u>	<u>G06T 19 /-</u>	<u>G16H 15 /-</u>	<u>H02H 3 /-</u>
2019366364	2019374042 2020213829	2019357843	2019354913 2019361220 2019363356	2019357043	2019351145
<u>G02B 5 /-</u>	<u>G06F 16 /-</u>	<u>G06N 20 /-</u>	<u>G06T 3 /-</u>	<u>G16H 20 /-</u>	<u>H02H 7 /-</u>
2019342087 2019373056	2019321745 2019323042 2019366869 2019374700 2019384114	2019360153 2019363861 2019365219 2019459210	2019369516 2020212836	2019348608 2019366157	2019351145
<u>G02B 6 /-</u>	<u>G06F 17 /-</u>	<u>G06N 3 /-</u>	<u>G06T 5 /-</u>	<u>G16H 40 /-</u>	<u>H02J 13 /-</u>
2019361315 2019377890	2019351573 2019374042 2019416121	2019360153 2019365219 2019369212	2019369516 2020212836	2019346045 2019348608	2019343715
<u>G02B 7 /-</u>	<u>G06F 21 /-</u>	<u>G06N 7 /-</u>	<u>G06T 7 /-</u>	<u>G16H 50 /-</u>	<u>H02J 3 /-</u>
2019373056	2019262340 2019320956 2019343739 2019361716 2019377416 2019383298 2020215026	2019372358	2019343767 2019354913 2019359377 2019361220 2019362019 2019363380 2019369516 2019374741	2019356597 2019363861 2019366157 2019376487	2018445437 2019341655 2019343715 2019377686
<u>G02C 11 /-</u>	<u>G06F 21 /-</u>	<u>G06N 99 /-</u>	<u>G06T 9 /-</u>	<u>G16H 80 /-</u>	<u>H02J 50 /-</u>
2018442118	2019262340 2019320956 2019343739 2019361716 2019377416 2019383298 2020215026	2019357843	2019355381	2019366157	2019341540
<u>G02C 7 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 10 /-</u>	<u>G07F 9 /-</u>	<u>G21K 1 /-</u>	<u>H02J 7 /-</u>
2018442118 2019399661	2019348580 2019350695 2019351573 2019365121 2019371154 2019374700 2019382095 2019414424 2019458291	2019372358	2019374042	2019391480	2019361447 2019449838
<u>G02F 1 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 30 /-</u>	<u>G08B 13 /-</u>	<u>H01B 1 /-</u>	<u>H02K 1 /-</u>
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<u>G03B 15 /-</u>	<u>G06F 30 /-</u>	<u>G06Q 40 /-</u>	<u>G08B 25 /-</u>	<u>H01B 7 /-</u>	<u>H02K 15 /-</u>
2020212836	2019366679	2019343715 2019351573 2019365121 2019371154 2019374700 2019382095 2019414424 2019458291	2019358194	2019362382	2018448343
<u>G03B 21 /-</u>	<u>G06F 40 /-</u>	<u>G06Q 50 /-</u>	<u>G08C 15 /-</u>	<u>H01G 11 /-</u>	<u>H02K 19 /-</u>
2019342087	2019459210	2019346045 2019365121	2019347253	2019403731	2019341655
<u>G03B 37 /-</u>	<u>G06F 7 /-</u>	<u>G06Q 50 /-</u>	<u>G09B 23 /-</u>	<u>H01J 35 /-</u>	<u>H02K 21 /-</u>
2020212836	2019366895	2019343715 2019351573 2019364434 2019371154	2019343335	2019362888	2019368347 2019370644
<u>G03F 7 /-</u>	<u>G06F 9 /-</u>	<u>G06T 11 /-</u>	<u>G09F 3 /-</u>	<u>H01J 43 /-</u>	<u>H02K 3 /-</u>
2020235220	2019366895	2018444274	2018446354	2019353528	2019370644
<u>G03H 3 /-</u>	<u>G06K 19 /-</u>	<u>G06T 13 /-</u>	<u>G09G 3 /-</u>	<u>H01L 31 /-</u>	<u>H02K 7 /-</u>
2019369173	2019361988	2019361220	2019366364	2019373841	2019341655
<u>G05B 19 /-</u>	<u>G06K 7 /-</u>	<u>G06T 15 /-</u>	<u>G10H 1 /-</u>	<u>H01M 10 /-</u>	<u>H02S 20 /-</u>
2019370617	2019363333	2019366364	2019368680	2019349654 2019361447 2019403731	2019342701 2019375337
<u>G05D 1 /-</u>	<u>G06K 19 /-</u>	<u>G06T 17 /-</u>	<u>G10K 11 /-</u>	<u>H01M 4 /-</u>	<u>H02S 30 /-</u>
2019373056 2019374051 2019390300 2019404202	2019361988	2019366364	2019386469	2019373610	2019375337
<u>G05D 11 /-</u>	<u>G06K 7 /-</u>	<u>G06T 19 /-</u>		<u>H01M 50 /-</u>	<u>H02S 40 /-</u>
2019395666	2019363333	2019361220		2019396840	2018445437

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<u>H03J 7 /-</u>	<u>H04N 13 /-</u>	<u>H04W 64 /-</u>
2019365650	2019342087	2019363333
<u>H04B 1 /-</u>	<u>H04N 19 /-</u>	<u>H04W 72 /-</u>
2018446354	2019342129	2018442552
<u>H04B 10 /-</u>	2019345211	2018446354
2019361315	2019356644	2018446510
<u>H04B 3 /-</u>	2019376595	2018448115
2019363834	<u>H04N 21 /-</u>	2019351191
<u>H04B 7 /-</u>	2019374741	2019351481
2019347688	2019428456	2019362939
2019364194	<u>H04N 5 /-</u>	2019366895
2019365650	2018444274	2019375404
2019370538	<u>H04N 7 /-</u>	2020221134
2019375404	2019352787	2020329732
2019383384	2019360351	<u>H04W 74 /-</u>
2020221134	2019374741	2020329732
<u>H04H 20 /-</u>	2020211862	<u>H04W 76 /-</u>
2019366895	2020211863	2019444187
<u>H04L 1 /-</u>	2020212836	<u>H04W 8 /-</u>
2018443267	2020212919	2018442180
2019356425	<u>H04Q 9 /-</u>	2019346309
2020221134	2019347253	2019355197
<u>H04L 12 /-</u>	<u>H04R 3 /-</u>	2019362939
2019361716	2019380367	2019439338
2019371154	<u>H04S 7 /-</u>	<u>H04W 88 /-</u>
2019389015	2019380367	2018446354
2019444187	<u>H04W 12 /-</u>	<u>H05B 3 /-</u>
<u>H04L 27 /-</u>	2019262340	2019346150
2019366895	2019348603	2019349982
<u>H04L 29 /-</u>	2019355197	<u>H05B 33 /-</u>
2019355197	<u>H04W 24 /-</u>	2019367836
2019355881	2018436592	<u>H05B 47 /-</u>
2019358194	2019358194	2019362393
2019361716	<u>H04W 28 /-</u>	<u>H05B 6 /-</u>
2019374799	2018442267	2019349982
2019383298	2019351481	2019369876
<u>H04L 5 /-</u>	2019357824	<u>H05C 1 /-</u>
2019341362	2019359827	2019355900
2019347688	<u>H04W 4 /-</u>	<u>H05G 1 /-</u>
2019347693	2018445217	2019362888
2019356425	2019358194	
<u>H04L 9 /-</u>	2019362393	
2019363333	2019369240	
2019383298	2019414424	
2019396425	2019444187	
<u>H04M 11 /-</u>	2020215026	
2019347253	<u>H04W 56 /-</u>	
	2019365650	

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C07D 249/08 (2006.01)
A61K 31/41 (2006.01)
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H01F 1/00 (2006.01)
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A61P 3/10 (2006.01)
A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
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C08L 95/00 (2006.01)
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C07C 47/232 (2006.01)
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C04B 24/22 (2006.01)
C04B 24/24 (2006.01)
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H03H 9/02 (2006.01)

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C12M 1/36 (2006.01)
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C07C 317/44 (2006.01)
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C12N 15/87 (2006.01)
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A61K 31/5377 (2006.01)
A61P 9/10 (2006.01)
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A61P 35/00 (2006.01)
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A61P 1/16 (2006.01)
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B29B 11/08 (2006.01)
B29C 49/22 (2006.01)
B32B 37/24 (2006.01)
C08L 67/04 (2006.01)
C23C 4/00 (2006.01)
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B62K 5/01 (2013.01)
B62K 5/023 (2013.01)
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F16L 1/26 (2006.01)
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H01M 50/20 (2021.01)

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A61M 25/01 (2006.01)

F16K 15/00 (2006.01)

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A61F 5/00 (2006.01)

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(51) Int. Cl.

A61F 2/24 (2006.01)

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A61F 2/24 (2006.01)

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F16L 55/165 (2006.01)

B29C 63/36 (2006.01)

F16L 55/16 (2006.01)

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B60K 11/06 (2006.01)

B60K 6/24 (2007.10)

B60K 6/26 (2007.10)

B60K 6/28 (2007.10)

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G08G 1/0968 (2006.01)

G01C 21/34 (2006.01)

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F22B 37/18 (2006.01)

F28F 1/08 (2006.01)

F28F 1/10 (2006.01)

F28F 1/36 (2006.01)

F28F 1/42 (2006.01)

F28F 13/06 (2006.01)

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B60T 13/66 (2006.01)
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B61H 1/00 (2006.01)
B60T 13/38 (2006.01)

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A61M 5/19 (2006.01)
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A61M 5/34 (2006.01)

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H04W 88/08 (2009.01)

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A61B 17/88 (2006.01)
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A61B 3/10 (2006.01)
A61B 3/113 (2006.01)
G06F 3/01 (2006.01)

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A61F 6/04 (2006.01)

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E21B 36/04 (2006.01)
E21B 43/24 (2006.01)
H05B 6/62 (2006.01)

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B29C 45/16 (2006.01)
B29B 11/08 (2006.01)
B29C 45/76 (2006.01)
B29C 49/06 (2006.01)
B29C 49/22 (2006.01)

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A61M 5/00 (2006.01)
A61K 38/18 (2006.01)
A61M 37/00 (2006.01)
A61P 9/00 (2006.01)

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G05B 19/401 (2006.01)
B23Q 17/22 (2006.01)

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E04H 4/16 (2006.01)
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- (71) ZTE Corporation
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H04L 1/00 (2006.01)
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- (71) Zumio Inc.
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(54) Devices for sexual stimulation
(51) Int. Cl.
A61H 19/00 (2006.01)
A61H 21/00 (2006.01)
A61H 23/02 (2006.01)
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2014274647	Caterpillar of Australia Pty Ltd	2016225088	Cargill Incorporated
2014369900	Ionis Pharmaceuticals, Inc.	2016225314	Societe d'Exploitation de Produits pour les Industries Chimiques SEPPIC; Biotechmarine
2015200869	Pentair Water Pool and Spa, Inc.		Adobe Inc.
2015203261	Biarri Networks Pty Ltd	2016225946	Lubrizol Advanced Materials, Inc.
2015213721	Effector Therapeutics, Inc.	2016227434	Armstrong World Industries, Inc.
2015216847	King's College London; Icahn School of Medicine at Mount Sinai	2016233229	Esperion Therapeutics, Inc.
		2016233485	Cudoquanta Florida, Inc.
2015222065	Ichnos Sciences SA	2016235324	PTX Technologies Inc.
2015227184	Fate Therapeutics, Inc.	2016236744	Vallourec Tubes France
2015229626	SaNOtize Research and Development Corp.	2016240373	Tiger Tool International Incorporated; Andrews, M.
2015238805	PGS Geophysical AS	2016243053	Yelundur, R.
2015246157	ADMA Biologics, Inc.	2016244116	Buildsafe Equipment Sales Pty Ltd
2015258211	HUB INNOVATIONS PTY LIMITED	2016244259	Fero Group Pty Ltd
2015289570	Board of Trustees of Southern Illinois University; Board of Supervisors of Louisiana State University and Agricultural and Mechanical College	2016245331	Visa International Service Association
		2016245988	The European Atomic Energy Community (EURATOM), Represented by the European Commission
2015295239	Amgen Research (Munich) GmbH; Amgen Inc.	2016246024	Matinas BioPharma Nanotechnologies, Inc.
2015303135	Merck Patent GmbH	2016252885	Vetco Gray Scandinavia AS
2015305424	Professional Compounding Centers of America (PCCA)	2016256568	KVG Quartz Crystal Technology GmbH
2015305531	The Trustees of the University of Pennsylvania; Novartis AG	2016260916	Safehinge Limited
		2016261123	ConocoPhillips Company
2015308047	Evogene Ltd.	2016261915	Balasubramaniam, R.; Ledohowski, L.
2015308618	Corium International, Inc.	2016262144	Uber Technologies, Inc.
2015317893	Clifton Life Sciences LLC	2016262526	Syn-Nat Products Enterprise LLC
2015318008	Amgen Inc.	2016265922	Zumio Inc.
2015321365	The University of British Columbia	2016272730	Amorphical Ltd.
2015323940	Magic Leap, Inc.	2016273058	Caterpillar Inc.
2015326996	Intervet International B.V.	2016274242	Fresenius Medical Care Deutschland GmbH
2015329982	Innate Pharma	2016279555	RR Medsciences Pty Ltd
2015332094	Mara Renewables Corporation	2016279913	Nelson Mandela University
2015332529	ENERGIZER BRANDS UK LIMITED	2016285489	R. J. Reynolds Tobacco Company
2015335979	SciClone Pharmaceuticals International Ltd.	2016286084	The Climate Corporation
2015336453	Sumitomo Dainippon Pharma Co., Ltd.; Riken; Sumitomo Chemical Company, Limited	2016287397	Regeneron Pharmaceuticals, Inc.
		2016289480	Swiss Coffee Innovation AG
2015342699	National Research Council Canada	2016290600	The Glad Products Company
2015342882	Eleven Biotherapeutics, Inc.	2016291176	Byondis B.V.
2015343307	E. I. du Pont de Nemours and Company	2016292759	The Board of Regents of The University of Texas System
2015350009	TAE Technologies, Inc.	2016292779	PHYSIO-ASSIST
2015350241	Context Biopharma Inc.	2016292883	Conflux Technology Pty Ltd
2015353587	The Climate Corporation	2016293374	Gallagher Group Limited
2015354408	Hanns, D.	2016298713	Acergy France SAS
2015357509	JUUL Labs, Inc.	2016298789	Aqseptence Group, Inc.
2015360761	Ipsen Biopharm Ltd.	2016304021	Vivarail Ltd
2015362561	Veritas Technologies LLC	2016305563	Windgap Medical, Inc
2015365675	Pilkington Group Limited	2016306797	Treace Medical Concepts, Inc.
2015367283	Cylite Pty Ltd	2016308461	The University of Sydney; Western Sydney Local Health District
2015367634	AnaBio Technologies Limited	2016309948	LifeCell Corporation
2015371341	UCB Biopharma SPRL		Blueprint Medicines Corporation
2015376850	The University of Adelaide	2016310471	Fisher & Paykel Healthcare Limited
2015400317	Lim, J.	2016311426	Fisher & Paykel Healthcare Limited
2015405648	Schlumberger Technology B.V.	2016314605	Samsung Electronics Co., Ltd.
2015410633	Halliburton Energy Services, Inc.	2016314616	AbbVie Inc.
2015410656	Halliburton Energy Services, Inc.	2016317771	TransMedics, Inc.
2015411123	Okura Yusoki Kabushiki Kaisha	2016317955	Smart Shooter Ltd.
2015412464	Ashar, N.G.	2016318622	MediSieve Ltd
2015413609	Halliburton Energy Services, Inc.	2016320833	BONUS THERAPEUTICS LTD; HEALTH CORPORATION OF GALILEE MEDICAL CENTRE
2016201838	Fujitsu General Limited	2016321877	Eximis Surgical Inc.
2016203180	Tata Consultancy Services Limited	2016322971	Fresenius Medical Care Deutschland GmbH
2016208410	The Boeing Company		Ryan, E.
2016209100	Magic Leap, Inc.	2016323319	Deb IP Limited
2016209420	AbbVie Inc.	2016325396	Teikoku Seiyaku Co., Ltd.
2016210960	Zeras S.r.l.	2016326682	Zodiac Pool Care Europe
2016211428	CiDRA Corporate Services Inc.	2016329888	Abbvie S.á.r.l; Galapagos NV
2016212090	Scipharm Sàrl	2016332531	Blue Safety GmbH
2016212207	Brita GmbH	2016333560	
2016214046	Suez International	2016333856	
2016220145	ConocoPhillips Company	2016335616	
2016223005	Hayward Industries, Inc.		

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2016335864	Applied Medical Resources Corporation	2017249001	Qualcomm Incorporated
2016339949	The Regents of The University of California; Pioneer Hi-Bred International, Inc.	2017250366	Arthrex, Inc.
2016340051	Syngrafiil Inc.	2017251143	Société des Produits Nestlé S.A.
2016342251	Prolitec Inc.	2017257497	PepsiCo, Inc.
2016349302	Haldor Topsoe A/S	2017260462	Sentinel Connector Systems, Inc.
2016349724	Juno Therapeutics, Inc.	2017262920	Nanjing Shiqi Pharmaceutical Co. Ltd.; Luoda Biosciences, Inc.
2016349795	Olsson, G.	2017263237	Janssen Biotech, Inc.
2016354009	R.P. Scherer Technologies, LLC	2017269871	Bayer Pharma Aktiengesellschaft
2016355433	Araxes Pharma LLC	2017271205	Bluedrop Medical Ltd
2016355683	Vyair Medical Consumables LLC	2017271255	Integra LifeSciences Enterprises, LLLP
2016355732	Mintek	2017281286	Incyte Corporation
2016356067	Hepa Wash GmbH	2017287766	CJ Cheiljedang Corporation
2016356559	Datamars Limited	2017291057	Clariant International Ltd; Clariant S. A.
2016358477	Ryan, D.	2017295938	Ascendis Pharma A/S
2016361115	The New Zealand Institute for Plant and Food Research Limited	2017301624	AdvanSix Resins & Chemicals LLC
2016361929	Geistlich Pharma AG	2017301699	Qualcomm Incorporated
2016362917	Pure Storage, Inc.	2017312528	Curium US LLC
2016363696	Innovative Targeting Solutions Inc.	2017327384	The Jackson Laboratory
2016364724	Plastipak Packaging, Inc.	2017333850	Sandvik Intellectual Property AB
2016366310	Research Triangle Institute, International	2017340690	Bayer CropScience Aktiengesellschaft
2016371212	DePuy Synthes Products, Inc.	2017346401	Shenzhen Enduring Biotech, Ltd.
2016371246	Laing O'Rourke Australia Pty Ltd	2017350689	Janssen Pharmaceutica NV
2016372446	Société des Produits Nestlé S.A.	2017359773	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.
2016372551	Construction Research & Technology GmbH	2017361799	Janssen Sciences Ireland Unlimited Company
2016372824	Alcon Inc.	2017362151	Powerblock Holdings, Inc.
2016373975	Chatsworth Products, Inc.	2017366502	Lee, S.P.; Lee, D.W.
2016376849	Sika Technology AG	2017370226	Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences
2016378746	Board of Regents, the University of Texas System	2017371301	GeneMedicine Co., Ltd.
2016381191	NuVasive, Inc.	2017375751	Becton, Dickinson and Company
2016381963	CareFusion 303, Inc.	2017380220	Kyowa Hakko Bio Co., Ltd.
2016384315	Innovate Orthopaedics Limited	2017397937	GC Corporation
2016385204	Panasonic Intellectual Property Management Co., Ltd.	2017405929	Tsinghua University; Beijing Syngentech Co., Ltd.
2016393346	41Medical AG	2017420623	Motorola Solutions, Inc.
2016411395	Halliburton Energy Services, Inc.; Chevron U.S.A. Inc.	2017420737	Westinghouse Air Brake Technologies Corporation
2016427098	Huawei Technologies Co., Ltd.	2017422654	W. L. Gore & Associates, Inc.
2017205197	The Regents of the University of California	2017423228	Berker GmbH & Co. KG
2017205254	ObsEva S.A.	2017430820	Huawei Technologies Co., Ltd.
2017205389	The Regents of the University of California	2017432188	The United States of America as represented by the Secretary of the Navy
2017205670	Merck Serono S.A.	2017438131	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017206160	Webb, F.	2017438484	Mitsubishi Electric Corporation
2017207451	Becca Moros Soccer, LLC	2017439486	Essity Hygiene and Health Aktiebolag
2017207824	Stora Enso Oyj	2017441384	Hager-Electro SAS
2017207857	Archroma IP GmbH	2018206117	Huawei Technologies Co., Ltd.
2017208267	MAKO Surgical Corp.	2018206892	Elbit Systems Ltd.
2017210124	NuVasive, Inc.	2018207127	Yang, K.
2017211010	DePuy Synthes Products, Inc.	2018208538	Spago Nanomedical AB
2017211022	DePuy Synthes Products, Inc.	2018211536	Chemcom S.A.; Givaudan S.A.
2017213377	Brain Innovation Co., Inc.; Tohoku University	2018215768	LG Electronics Inc.
2017213685	Anellotech, Inc.	2018217261	Railblaza Limited
2017214420	Société des Produits Nestlé S.A.	2018217872	Orthogenics As
2017214562	LanzaTech New Zealand Limited	2018218371	The University of Tokyo
2017214654	PrinterLogic, Inc	2018220160	Oisin Biotechnologies
2017216515	Vuly Pty Ltd	2018222997	Memorial Sloan-Kettering Cancer Center
2017217238	Pharmaxis Ltd.	2018224858	Pride Mobility Products Corporation
2017217728	Merck Patent GmbH	2018227627	Teague, P.; Sloan, R.
2017218033	Scandinavian Real Heart AB	2018231608	Universite de Bordeaux; Institut Polytechnique de Bordeaux; Centre National de la Recherche Scientifique (CNRS)
2017218698	TechSafe Global	2018233072	Inventio AG
2017218997	Media Links Co., Ltd.	2018236206	Gentex Corporation
2017220829	Shamir Optical Industry Ltd.	2018241662	Ekontrol Drive (Suzhou) Co., Ltd
2017223689	The Regents of the University of Michigan	2018243197	Mankiewicz Gebr. & Co. (GmbH & Co. KG)
2017224132	Avery Dennison Retail Information Services, LLC	2018244670	LG Electronics Inc.
2017225996	Covidien LP	2018250471	DAZCORP LTY LTD; CAPRICORN GLOBAL GROUP PTY LTD; ELEINVEST (QLD) PTY LTD
2017234180	BASF SE	2018250920	cytena Bioprocess Solutions co., Ltd.
2017234439	EasyRx, LLC.; Lemchen, M.; Wright, J.; Wright, M.; Blankenbecler, T.	2018257496	Raytheon Company
2017234854	Peri GmbH	2018263130	Huawei Technologies Co., Ltd.
2017240048	Qualcomm Incorporated		
2017241807	SanBio, Inc.		
2017242171	Terumo Kabushiki Kaisha		
2017246197	Douglas, J.		

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2018264154	Form Jig Pty Ltd	2018410740	Jiangnan University; Guangdong Jiahao Food Limited Company
2018268312	Phenox GmbH	2018411517	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018269059	Advanced Brain Monitoring, Inc.	2018456067	Halliburton Energy Services, Inc.
2018271254	SALK INSTITUTE FOR BIOLOGICAL STUDIES	2019200782	Aristocrat Technologies Australia Pty Limited
2018272331	Tyco Electronics Canada ULC	2019201424	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2018275606	Inventio AG	2019201587	Evogene Ltd.
2018280466	Haier Smart Home Co., Ltd.	2019201918	GNG Eelectrical Pty Ltd
2018280473	Haier Smart Home Co., Ltd.	2019202197	CAE Inc.
2018285219	Alfa Laval Corporate AB	2019202376	LG Electronics Inc.
2018285780	CONMED Corporation	2019202685	TBI Innovations, LLC; Thornhill Research Inc.
2018290793	3M Innovative Properties Company	2019203472	Aristocrat Technologies Australia Pty Limited
2018294386	Interroll Holding AG	2019203630	Levitt, R.
2018297938	Qualcomm Incorporated	2019203669	Qualcomm Incorporated
2018299902	Qualcomm Incorporated	2019203799	Zensun (Shanghai) Science & Technology, Co. Ltd.
2018301248	OnPoint Vision, Inc.	2019204025	Shindo Industry Co., Ltd.; Jeongdo Industry Co., Ltd
2018302034	Omnioeme, Inc.	2019204600	Burcon Nutrascience (MB) Corp.
2018302336	Novelis Inc.	2019204636	Tahi Technologies Inc.
2018304883	Carl Freudenberg KG	2019204658	TherapeuticsMD, Inc.
2018304943	Nicoventures Trading Limited	2019204756	QIAGEN Australia Holding Pty. Ltd.
2018309957	Daikin Industries, Ltd.	2019204847	Eutilex Co., Ltd.
2018310524	Nuventura GmbH	2019204983	Autostore Technology AS
2018311609	GD Midea Air-Conditioning Equipment Co., Ltd.	2019205258	Hadal, Inc.
2018311839	Wright Medical Technology, Inc.	2019205979	Rite-Hite Holding Corporation
2018314050	Yamaha Hatsudoki Kabushiki Kaisha	2019206047	SWISS KRONO Tec AG
2018314548	ZTE Corporation	2019207314	Advanced New Technologies Co., Ltd.
2018315385	Huawei Technologies Co., Ltd.	2019210485	Prime Datum Development Company LLC
2018321008	Nippon Telegraph and Telephone Corporation	2019213405	Snap-on Incorporated
2018322305	Fujita Academy	2019216659	JCBD, LLC
2018322393	Ultradent Products, Inc.	2019219727	Amicus Therapeutics, Inc.
2018327588	MJN U.S. Holdings LLC	2019219841	CareFusion 303, Inc.
2018327797	Asahi Kasei Kabushiki Kaisha	2019221233	Huawei Technologies Co., Ltd.
2018328519	Huawei Technologies Co., Ltd.	2019222906	Dolby International AB
2018332191	Novartis AG	2019222911	Shenzhen Hightide Biopharmaceutical, Ltd.
2018334449	Symbol Technologies, LLC	2019222950	3M Innovative Properties Company
2018334731	Huawei Technologies Co., Ltd.	2019223946	Ivantis, Inc.
2018335456	Konecranes Global Corporation	2019226128	Extrude to Fill, Inc.
2018338124	Colgate-Palmolive Company	2019226226	ESS-HELP, INC.
2018342222	W. L. Gore & Associates, Inc.	2019226434	FeTu Limited
2018344692	Panasonic Intellectual Property Management Co., Ltd.	2019229335	Remendium Labs LLC
2018345321	Arixa Pharmaceuticals, Inc.	2019234381	Wing Aviation LLC
2018348805	Swiss Spa System Ltd.	2019236313	Odss Holdings, LLC
2018349463	Qualcomm Incorporated	2019236593	Joy Global Underground Mining LLC
2018350279	Geobruugg AG	2019236605	Canon Kabushiki Kaisha
2018353174	Nanjing Chervon Industry Co., Ltd.	2019236638	Barclays Execution Services Limited
2018354149	Cardiac Pacemakers, Inc.	2019236657	Janssen Sciences Ireland UC
2018356853	Safran Electronics & Defense; B-Temia Inc.	2019236735	NAGAKI SEIKI Co., Ltd.
2018358243	CNH Industrial America LLC	2019246892	Edward Lifesciences CardiAQ LLC
2018358974	Mitsubishi Power, Ltd.	2019250150	Warren, D.
2018359924	Shaanxi Huikang Bio-Tech Co., Ltd.	2019250262	Takeda Pharmaceutical Company Limited
2018360364	Field, J.	2019251933	Nippon Telegraph and Telephone Corporation
2018362341	W. L. Gore & Associates, Inc.	2019252065	Nippon Telegraph and Telephone Corporation
2018363192	Carl Freudenberg KG	2019253826	Allovate, LLC
2018364685	Novartis AG	2019253884	Navico Holding AS
2018365886	Waymo LLC	2019257446	VERY DENNISON CORPORATION
2018365919	Ricoh Company, Ltd.	2019261825	Taiwan Plants Fiber Tech Alliance CO., LTD.
2018366086	Kverneland Group Operations Norway AS	2019264547	Yoshino Kogyosho Co., Ltd.
2018370717	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019271121	Illumina, Inc.; Illumina Cambridge Limited
2018378832	Emory University	2019271985	DePuy Synthes Products, Inc.
2018379563	Faure, J.	2019275615	Pivotal Software, Inc.
2018380495	Daikin Industries, Ltd.	2019280068	Medeon Biodesign, Inc.
2018383346	Intuit Inc.	2019283870	Apple Inc.
2018388439	Angex Pharmaceutical, Inc.	2019283901	Minnetronix, Inc.
2018389236	NeoTract, Inc.	2019283946	EnKang Pharmaceuticals (Guangzhou), Ltd.; Enzhi (Guangzhou) Pharmaceuticals Limited.; Enzynomics (H.K.) Limited.; Foshan Intelgen Pharmaceutical Co. Ltd.
2018392216	ArcelorMittal	2019284142	Ionis Pharmaceuticals, Inc.
2018395882	Siemens Aktiengesellschaft	2019284161	Hanwha Corporation
2018397303	Illumina, Inc.	2019284162	Hanwha Corporation
2018402356	Fujita Academy		
2018405279	Hitachi, Ltd.		
2018407616	Mitsubishi Heavy Industries, Ltd.		
2018408795	Innowell Solutions AS		

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2019285797 Komatsu Ltd.
2019290849 Nuovo Pignone Tecnologie - S.r.l.
2019321697 Commonwealth Scientific and Industrial Research Organisation
2019335206 4C Medical Technologies, Inc.
2019338308 Scott, T.
2019342063 Firefly Automatrix, Inc.
2019346042 Ashlin, M.
2019358971 Maxtrax Australia Pty Ltd
2019383320 Intuit Inc.
2019423857 Mizkan Holdings Co., Ltd.
2020200093 Sony Corporation
2020200103 Apple Inc.
2020200402 Optis Wireless Technology, LLC
2020200475 SYNERZ MEDICAL, INC.
2020200484 HONEYWELL INTERNATIONAL INC.
2020200534 LG Electronics Inc.
2020200557 Nakamura, K.
2020200896 Unified Brands, Inc.
2020201207 Google LLC
2020201396 CREO MEDICAL LIMITED
2020201438 Ecolab USA, Inc.
2020201470 Apple Inc.
2020201723 Apple Inc.
2020201998 Siemens Mobility GmbH
2020202261 ELOGAB, O.
2020202263 ELOGAB, O.
2020202264 ELOGAB, O.
2020202269 CRISI Medical Systems, Inc.
2020202343 SAMSUNG ELECTRONICS CO., LTD.
2020202651 Mexichem Fluor S.A. de C.V.
2020202656 Westinghouse Air Brake Technologies Corporation
2020202701 MBP (Mauritius) Ltd
2020202721 Emulate, Inc.
2020202887 AstraZeneca AB
2020202972 Qualcomm Incorporated
2020203517 Waymo LLC
2020204263 ICSIP Pty Ltd
2020215624 S&C Electric Company
2020220039 Immatics Biotechnologies GmbH
2020244525 Gree Electric Appliances, Inc. of Zhuhai
2020250208 Io Therapeutics, Inc
2020281170 Monsanto Technology LLC o
2020299635 Dr Mark's HyGenie Pty Ltd
2020335014 HEATON, J.
2021200419 ViaCyte, Inc.

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2018366086	<u>A23J 1 /-</u>	2019261825	2017210124	2015321365	2015305424
<u>A01D 34 /-</u>	2019204600	<u>A47J 27 /-</u>	<u>A61C 1 /-</u>	2015350241	2020250208
2018353174	<u>A23J 3 /-</u>	2019204636	2016335616	2015360761	<u>A61K 38 /-</u>
2018358243	2019204600	<u>A47J 36 /-</u>	<u>A61C 19 /-</u>	2016209420	2015335979
2019202376	<u>A23L 11 /-</u>	2019204636	2020299635	2016212090	2015367634
2019342063	2019204600	<u>A47L 13 /-</u>	<u>A61C 5 /-</u>	2016233485	2016363696
<u>A01G 9 /-</u>	<u>A23L 19 /-</u>	2018304883	2018322393	2016252885	2017205197
2015400317	2018410740	2018363192	<u>A61C 7 /-</u>	2016265922	2017263237
<u>A01H 5 /-</u>	<u>A23L 3 /-</u>	<u>A47L 15 /-</u>	2017234439	2016273058	2017327384
2015308047	2019423857	2020200896	<u>A61D 7 /-</u>	2016279555	2017370226
2019201587	<u>A23L 33 /-</u>	<u>A61B 1 /-</u>	2016355433	2016292779	2017380220
2020281170	2016372446	2017271255	2016366310	2016309948	2018322305
<u>A01K 13 /-</u>	2017251143	<u>A61B 17 /-</u>	2016372446	2016311426	2018402356
2016356559	2018327588	2015308618	<u>A61F 2 /-</u>	2016317955	2019203799
<u>A01K 15 /-</u>	2019204600	2016308461	2016356559	2016332531	2019219727
2019346042	<u>A23L 7 /-</u>	2016326682	<u>A61F 5 /-</u>	2016333856	2020220039
<u>A01K 27 /-</u>	2019423857	2016335864	2016378746	2016354009	<u>A61K 39 /-</u>
2019346042	<u>A23P 20 /-</u>	2016371212	2017205254	2016355433	2015246157
<u>A01K 3 /-</u>	2018410740	2016384315	2017205389	2016366310	2015295239
2016298713	<u>A23P 30 /-</u>	2016393346	2017205670	2016372446	2015305531
<u>A01K 67 /-</u>	2018410740	2017210124	2017213377	2016378746	2015308618
2018322305	<u>A24B 15 /-</u>	2017250366	2017217238	2017205254	2015326996
<u>A01N 37 /-</u>	2016286084	2017271255	2017217728	2017205670	2015342882
2020201438	2018304943	2018285780	2017223689	2017212090	2016349724
<u>A01N 43 /-</u>	<u>A24D 3 /-</u>	2018311839	2017262920	20172269871	2017371301
2017205389	2018304943	2018389236	2017269871	2017350689	2019201424
2017340690	<u>A24F 47 /-</u>	2019201424	2017359773	2017359773	2019204847
<u>A21C 11 /-</u>	2015357509	2019202685	2017371301	2018342222	2019253826
2018410740	2016286084	2019271985	2018345321	2018362341	2020220039
<u>A23B 4 /-</u>	2018304943	2018311839	2018364685	2019216659	<u>A61K 45 /-</u>
2018280466	<u>A41D 13 /-</u>	2018389236	2018378832	2019229335	2016332531
<u>A23B 7 /-</u>	2019202685	2019201424	2018388439	2019246892	2017205254
2019423857	<u>A42B 1 /-</u>	2019202685	2019203630	2019271985	2017205670
<u>A23C 11 /-</u>	2018236206	2019271985	2019204658	2019335206	2017370226
2017214420	<u>A42B 3 /-</u>	2019280068	2019222911	2019335206	2017371301
<u>A23C 7 /-</u>	2018236206	2019335206	2020200475	2020202887	2020202887
2020201438	<u>A45C 11 /-</u>	<u>A61B 18 /-</u>	<u>A61F 6 /-</u>	<u>A61K 33 /-</u>	<u>A61K 47 /-</u>
<u>A23C 9 /-</u>	2020299635	2016323319	2018207127	2016273058	2016209420
		2017225996	2019204658	2016279555	2016279555
		2018354149	<u>A61F 9 /-</u>	2016332531	2016332531
		2020201396	2016326682	2016354009	2016363696
		<u>A61B 3 /-</u>	2016372824	2017295938	2017295938
		2018314050	2018301248	2017346401	2017346401
		<u>A61B 34 /-</u>	2019223946	2017405929	2017405929
		2016371212	<u>A61H 19 /-</u>	2018322305	2018322305
		2017210124	2016272730	2018332191	2018332191
		2017225996	<u>A61H 21 /-</u>	2018364685	2018364685
		<u>A61B 5 /-</u>	2016272730	2018402356	2018402356
		2017208267	<u>A61H 23 /-</u>	2020202651	2020202651
		2017210124	2016272730	2020202887	<u>A61K 48 /-</u>
		2017271205	<u>A61H 23 /-</u>	2020202701	2017405929
		2018269059	2016272730	2021200419	2018220160
		2019251933			2019201424
		2019252065			<u>A61K 51 /-</u>
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2017312528	2015357509	2017269871		<u>B01D 53 /-</u>	2016235324
<u>A61K 8 /-</u>	<u>A61M 16 /-</u>	2018322305	<u>A61P 43 /-</u>	2016349302	<u>B21F 9 /-</u>
2016225314	2016292883	<u>A61P 17 /-</u>	2017213377	2019321697	2016298713
2016227434	2016314605	2015321365	2018322305	<u>B01D 61 /-</u>	<u>B21J 15 /-</u>
2016329888	2016314616	<u>A61P 19 /-</u>	2018402356	2018327797	2016349795
2018359924	2016355683	<u>A61P 19 /-</u>	<u>A61P 5 /-</u>	2018392216	<u>B23K 101 /-</u>
2018364685	<u>A61M 25 /-</u>	2016279913	2017370226	2019283901	2016298789
2019253826	2016355683	2017370226	<u>A61P 7 /-</u>	<u>B01D 65 /-</u>	<u>B23K 20 /-</u>
2020250208	2019250262	2018364685	<u>A61P 25 /-</u>	2018327797	2016298789
<u>A61K 9 /-</u>	<u>A61M 35 /-</u>	<u>A61P 25 /-</u>	2016279555	<u>B01D 69 /-</u>	<u>B23P 6 /-</u>
2015229626	2015229626	2015336453	<u>A61P 9 /-</u>	2018327797	2016298789
2015308618	<u>A61M 37 /-</u>	2016279913	2016309948	<u>B01D 71 /-</u>	<u>B23Q 17 /-</u>
2015360761	2015308618	2017213377	2017217238	2018327797	2016210960
2015367634	2019203799	2017262920	2017262920	<u>B01F 3 /-</u>	<u>B25B 15 /-</u>
2016209420	2019203799	2017350689	2019203799	2016361115	2019213405
2016252885	<u>A61M 39 /-</u>	2017370226	2020202887	2019236313	<u>B25B 23 /-</u>
2016279555	2016318622	2018222997	<u>A61Q 11 /-</u>	<u>B01J 19 /-</u>	2019213405
2016292759	2016355683	<u>A61P 27 /-</u>	2019253826	2016349302	<u>B25B 5 /-</u>
2016332531	2016381963	<u>A61P 29 /-</u>	<u>A61Q 17 /-</u>	<u>B01J 20 /-</u>	2018264154
2017263237	<u>A61M 5 /-</u>	2016279913	2016329888	2018302034	<u>B25J 13 /-</u>
2018332191	2016306797	2017217238	<u>A61Q 19 /-</u>	2019321697	2015411123
2018364685	2016326682	2017269871	2016225314	<u>B01L 3 /-</u>	<u>B25J 19 /-</u>
2019204658	2016356559	<u>A61P 3 /-</u>	2016227434	2016339949	2015411123
2020202651	2016381963	2015321365	<u>A63B 21 /-</u>	2018250920	<u>B25J 9 /-</u>
<u>A61L 15 /-</u>	2019203799	2016273058	2017362151	2016339949	2018356853
2019222950	2019219841	2017213377	<u>A63B 5 /-</u>	<u>B04B 13 /-</u>	<u>B26F 1 /-</u>
<u>A61L 2 /-</u>	2019236313	2017251143	2017370226	2018285219	2016235324
2016335616	2019250262	<u>A61P 31 /-</u>	<u>A63B 63 /-</u>	<u>B04C 11 /-</u>	<u>B27N 3 /-</u>
2020201438	2020202269	2015246157	2017207451	2016211428	2019206047
<u>A61L 24 /-</u>	<u>A61M 60 /-</u>	2016252885	<u>A63B 65 /-</u>	<u>B08B 9 /-</u>	<u>B29B 11 /-</u>
2020202701	2017218033	2016279913	2019346042	2015405648	2016364724
<u>A61L 27 /-</u>	<u>A61N 1 /-</u>	2017359773	<u>A63B 69 /-</u>	<u>B21B 1 /-</u>	2019264547
2015336453	2018348805	2018345321	2017207451	2018302336	<u>B29C 41 /-</u>
2016322971	<u>A61N 5 /-</u>	2019236657	2019338308	<u>B21B 37 /-</u>	2016290600
2016361929	2018354149	<u>A61P 35 /-</u>	<u>A63B 71 /-</u>	2018302336	<u>B29C 43 /-</u>
2020202701	<u>A61P 1 /-</u>	2015295239	2019202685	<u>B21D 28 /-</u>	2015308618
<u>A61L 29 /-</u>	2017217238	2016212090	2020299635	2016235324	2019226128
2017223689	2015305424	2016279913	<u>A63F 13 /-</u>	<u>B21D 37 /-</u>	2019264547
2018268312	2017217238	2016311426	2019200782		
<u>A61L 31 /-</u>	2017370226	2016355433	2019203472		
2017242171	<u>A61P 11 /-</u>	2017217238	<u>B01D 15 /-</u>		
2018268312	2016279913	2017262920	2018302034		
<u>A61L 9 /-</u>	2017405929	2017269871	<u>B01D 37 /-</u>		
2016342251	2018322305	2017269871			
<u>A61M 1 /-</u>	2016333856	2018322305			
2016321877	2020202651	2018402356			
2016325396	<u>A61P 13 /-</u>	2019204847			
2016355683	2017217238	<u>A61P 37 /-</u>			
2016356067	<u>A61P 15 /-</u>	2015321365			
2019219841	2015305424	2017370226			
2019283901	2016317955	2019204847			
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<u>B29C 55 /-</u>	<u>B60K 11 /-</u>	<u>B62D 15 /-</u>	2016358477	<u>C02F 3 /-</u>	2017291057
2016291176	2018365886	2018224858	<u>B65D 75 /-</u>	2016214046	<u>C07C 47 /-</u>
<u>B29C 63 /-</u>	<u>B60K 17 /-</u>	<u>B62D 35 /-</u>	2018338124	<u>C02F 9 /-</u>	2018211536
2019250150	2018224858	2020202261 2020202263 2020202264	<u>B65D 77 /-</u>	2016214046	<u>C07C 49 /-</u>
<u>B29C 67 /-</u>	<u>B60K 6 /-</u>	<u>B62D 37 /-</u>	2018338124	<u>C03B 5 /-</u>	2018211536
2016371246	2018241662 2018365886	2020202261 2020202263 2020202264	<u>B65D 85 /-</u>	2015365675	<u>C07C 57 /-</u>
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2016291176	2019202376	2019204983	<u>B65G 1 /-</u>	2016372551	2018211536
<u>B29D 30 /-</u>	<u>B60L 9 /-</u>	<u>B65G 17 /-</u>	2018294386	<u>C04B 24 /-</u>	<u>C07C 67 /-</u>
2017246197	2018405279	2018224858	<u>B66B 1 /-</u>	2016372551	2018231608
<u>B30B 5 /-</u>	<u>B60N 3 /-</u>	<u>B62D 6 /-</u>	2018275606	<u>C04B 26 /-</u>	<u>C07C 69 /-</u>
2019206047	2018215768	2018224858	<u>B66B 5 /-</u>	2016376849	2018211536 2018231608
<u>B32B 13 /-</u>	<u>B60Q 1 /-</u>	<u>B62K 11 /-</u>	2018233072	<u>C04B 35 /-</u>	<u>C07D 207 /-</u>
2016376849	2019226226	2018224858	<u>B66C 11 /-</u>	2017333850	<u>C07C 229 /-</u>
<u>B32B 15 /-</u>	<u>B60R 11 /-</u>	<u>B62K 5 /-</u>	2018335456	2017213377	2019236657
2017432188	2018217261	2018224858	<u>B66C 9 /-</u>	<u>C07C 233 /-</u>	<u>C07D 209 /-</u>
<u>B32B 27 /-</u>	<u>B60T 13 /-</u>	<u>B63B 32 /-</u>	2018335456	2017213377	2017217238
2016376849 2017301624 2017432188	2017420737 2020202656	2018360364	2018335456	2017213377 2018211536	<u>C07D 213 /-</u>
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2016364724	2017420737	2019205258	2018335456	2017213377	<u>C07D 231 /-</u>
<u>B32B 7 /-</u>	<u>B61C 13 /-</u>	<u>B63H 5 /-</u>	<u>B82Y 15 /-</u>	<u>C07C 255 /-</u>	2016366310
2016291176 2016376849	2020335014	2018395882	2018208538	2018211536	<u>C07D 235 /-</u>
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2016371246	2016305563	2019202685	2018208538	2018345321	<u>C07D 239 /-</u>
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2016371246	2016305563	2016208410	2015412464 2016349302	2017217728	<u>C07D 249 /-</u>
<u>B33Y 40 /-</u>	<u>B61D 15 /-</u>	<u>B64D 45 /-</u>	<u>C01B 21 /-</u>	<u>C07C 317 /-</u>	2016378746
2016371246	2020335014	2016208410	2015229626 2015412464	2017217728	<u>C07D 251 /-</u>
<u>B60C 13 /-</u>	<u>B61D 3 /-</u>	<u>B65D 1 /-</u>	<u>C01B 39 /-</u>	2018211536	2017262920 2017291057
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2019257446	2020335014	2015400317	2017312528	<u>C07C 409 /-</u>	<u>C07D 307 /-</u>
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2019358971	2020202656	2016291176 2018338124	2016212207 2020201438	<u>C07C 43 /-</u>	<u>C07D 401 /-</u>
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 (11) AU-B-2021100470
 (21) 2021100470 (22) 25.01.2021
 (54) Under-display optical fingerprint sensor with nfv collimator and tft/organic imager
 (51) Int. Cl.
 G06K 9/00 (2006.01)
 A61B 5/117 (2016.01)
 G06F 3/042 (2006.01)
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 (45) 20.05.2021
 (62) PCT/US2019/040355
 (72) YEKE YAZDANDOOST, Mohammad; GOZZINI, Giovanni; SETLAK, Dale
 (74) FPA Patent Attorneys Pty Ltd

(71) Patriot Campers Holdings Pty Ltd
 (11) AU-B-2021100138
 (21) 2021100138 (22) 11.01.2021
 (54) A vehicle awning support and method of use
 (51) Int. Cl.
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 E04H 15/58 (2006.01)
 (45) 20.05.2021
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 (72) MONTESALVO, Justin
 (74) Spruson & Ferguson

(71) Pilbara Conveyor Supplies Pty Ltd
 (11) AU-B-2020101781
 (21) 2020101781 (22) 12.08.2020
 (54) Blade assembly
 (51) Int. Cl.
 B65G 45/12 (2006.01)
 (45) 20.05.2021
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2016365338 **Mars, Incorporated** (Kraft Foods Schweiz Holding GmbH)
- 2019101382 **CSR Building Products Limited** (Dincel, B.)
- 2019101382 **CSR Building Products Limited** (Permaform International Pty Ltd)

Applications Withdrawn

- 2018201628 **ESCO Group LLC** (CQMS Pty Ltd)
- 2018201630 **ESCO Group LLC** (CQMS Pty Ltd)
- 2018201635 **ESCO Group LLC** (CQMS Pty Ltd)

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Assignments Registered

2002307422 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2002330162 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2003228401 Display Technologies, LLC The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2003240005 Dyax Corporation The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2003243394 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2003243413 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2004226338 Threshold Pharmaceuticals, Inc. The patent has been assigned to **IMMUNOGENESIS, INC.**

2004268145 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2005289621 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2006200637 Belt Watch Pty Limited The patent has been assigned to **BEMO PTY LTD**

2006263433 Molecular Templates, Inc. The patent has been assigned to **IMMUNOGENESIS, INC.**

2006332713 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2007203586 Belt Watch Pty Limited The patent has been assigned to **BEMO PTY LTD**

2007207324 Teledyne Australia Pty Ltd The patent has been assigned to **Teledyne UK Limited**

2007220260 ProMetic BioSciences Ltd The patent has been assigned to **Astrea UK Services Limited**

2007224643 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2007258473 BIOALLIANCE C.V. The patent has been assigned to **AltruBio Inc.**

Assignments Registered

2008202377 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2008203340 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2008301226 Teledyne Australia Pty Ltd The patent has been assigned to **Teledyne UK Limited**

2009200092 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2009223926 TERUMO EUROPE N.V. The patent has been assigned to **Terumo Medical Corporation**

2009240481 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2010200313 Teledyne Australia Pty Ltd The patent has been assigned to **Teledyne UK Limited**

2010219368 Dyax Corporation The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2010257259 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2010266798 Auckland UniServices Limited The patent has been assigned to **Cirrus Materials Science Limited**

2010271583 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

2010274573 Panasonic Intellectual Property Corporation of America The patent has been assigned to **Apple Inc.**

2010309829 Wacker Chemie AG The patent has been assigned to **GICON Großmann Ingenieur Consult GmbH**

2011202075 Molecular Templates, Inc. The patent has been assigned to **IMMUNOGENESIS, INC.**

2011204349 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011206874 1266638 B.C. Unlimited Liability Company The patent has been assigned to **Power Management Holdings (U.S.), Inc.**

2011208822 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2011218732 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011244861 Dyax Corporation The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011334867 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

2012202068 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012216529 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012216769 Belt Watch Pty Limited The patent has been assigned to **BEMO PTY LTD**

2012259262 Siemens Corporation The patent has been assigned to **Siemens Aktiengesellschaft**

Assignments Registered

2012262007 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012311434 Abbott Rapid Diagnostics International Unlimited Company The patent has been assigned to **Abbott Diagnostics Scarborough, Inc.**

2012324790 Novartis AG The patent has been assigned to **Alcon Inc.**

2013203954 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013205033 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013205129 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013249537 Architectural Mailboxes, LLC The patent has been assigned to **Architectural Mailboxes, LLC**

2013301200 Lapstun, Paul The patent has been assigned to **Vergent Research Pty Ltd**

2014207409 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2014207420 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2014208294 Triteck Limited The patent has been assigned to **Australian Valve Group Pty Ltd**

2014220228 Wise-Sec Ltd. The patent has been assigned to **Nayax Ltd.**

2014262895 Architectural Mailboxes, LLC The patent has been assigned to **Architectural Mailboxes, LLC**

2014274798 Cornelius, Inc. The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2014306398 Thorvascular Pty Ltd; Begg, John The patent has been assigned to **Cardiobionic Pty Ltd**

2014317791 Teledyne Australia Pty Ltd The patent has been assigned to **Teledyne UK Limited**

2014318665 Display Technologies LLC The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2014340449 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2014340450 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2014367398 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

2015200208 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

2015208884 University of Newcastle Upon Tyne The patent has been assigned to **Tantillus Synergy Limited**

2015209481 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2015211480 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

Assignments Registered

2015214092 Modern Meadow, Inc. The patent has been assigned to **Fork & Goode, Inc.**

2015223078 Jointpoint, Inc. The patent has been assigned to **DePuy Synthes Products, Inc.**

2015235967 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016102341 HBBS Agribusiness Pty Ltd The patent has been assigned to **Slaney Rural Agencies Pty Ltd**

2016200790 BELT WATCH PTY LIMITED The patent has been assigned to **BEMO PTY LTD**

2016200920 Abbott Rapid Diagnostics International Unlimited Company The patent has been assigned to **Abbott Diagnostics Scarborough, Inc.**

2016202084 Exinda Networks Pty, Ltd. The patent has been assigned to **Aurea Software FZ-LLC**

2016202263 Belt Watch Pty Limited The patent has been assigned to **BEMO PTY LTD**

2016225923 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016229013 Allergan Pharmaceuticals Holdings (Ireland) Unlimited Company The patent has been assigned to **Allergan Sales, LLC**

2016234978 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016244213 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016244339 Triteck Limited The patent has been assigned to **Australian Valve Group Pty Ltd**

2016257632 1266638 B.C. Unlimited Liability Company The patent has been assigned to **Power Management Holdings (U.S.), Inc.**

2016261226 Suprasensor Technologies, LLC The patent has been assigned to **The Climate Corporation**

2016273154 Panasonic Intellectual Property Management Co., Ltd. The patent has been assigned to **Apple Inc.**

2016281424 AIMM Therapeutics B.V. The patent has been assigned to **Kling Biotherapeutics B.V.**

2016304596 Display Technologies, LLC The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2016326523 Reoxcyn LLC The patent has been assigned to **Berkley, LLC**

2017203764 Sonic IP, LLC The patent has been assigned to **NLD Holdings I, LLC**

2017232160 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2017274285 Cornelius, Inc. The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2018253476 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2018260845 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments Registered

2018282293 Suprasensor Technologies, LLC The patent has been assigned to **The Climate Corporation**

2019100986 NXT IP PTY LTD The patent has been assigned to **NXT Building System Pty Ltd**

2019200117 Display Technologies, LLC The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2019204295 Dyax Corp. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2020200722 Display Technologies, LLC The patent has been assigned to **Marmon Foodservice Technologies, Inc.**

2020200922 Panasonic Intellectual Property Management Co., Ltd. The patent has been assigned to **Apple Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2009290162 **Chugai Seiyaku Kabushiki Kaisha**

The earliest first regulatory approval date provided by the patentee 17 Nov 2020

For the goods ENSPRYNG satralizumab

Applications Accepted

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

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

2009290162 **Chugai Seiyaku Kabushiki Kaisha**

The earliest first regulatory approval date provided by the patentee 17 Nov 2020

For the goods ENSPRYNG satralizumab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014203813 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2018200640 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Corrigenda

In Vol 35 , No 18 , Page(s) 3851 under the heading **Amendments - Application for Amendments** Under the name Novartis AG, Patent No. 2012211497 correct the date of the statements to 8 May 2020, 25 Jan 2021 and 14 Apr 2021

Corrigenda

In Vol 35 , No 18 , Page(s) 3851 under the heading **Amendments - Application for Amendments** Under the name The Trustees of the University of Pennsylvania, Patent Application No. 2017225161 correct the date of the statements to 24 Mar 2021 and 7 Apr 2021.

In Vol 35 , No 19 , Page(s) 4117 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name University of Pittsburgh - of the Commonwealth System of Higher Education, Application No. 2019365654, under INID (54) correct the title to read Cleavable activators of CXCR3 and methods of use

Specifications Republished

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

2015228764	Rijk Zwaan Zaadteelt en Zaadhandel B.V.; Nunhems B.V.; Vilmorin & Cie
2018340510	Palacky University Olomouc
2018358974	Mitsubishi Power, Ltd.
2019211653	Sumitomo Metal Mining Co., Ltd.
2019264572	Vivonics, Inc.; Mayo Foundation for Medical Education and Research