



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE -

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

(iv) OPPOSITION -

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

(v) GRANTING -

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(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.

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 27 Jul 2021 .

(71) {546781} NewSouth Innovations Pty Limited (21) 2021902358 (22) 30.07.2021 (54) Advanced piezoelectric microlens actuator	(71) Atomo Diagnostics Pty Limited (21) 2021902357 (22) 30.07.2021 (54) SWAB BASED TEST DEVICE	(71) Chung, D. (21) 2021902304 (22) 28.07.2021 (54) computing methods and modules
(71) 3ME Technology Pty Ltd (21) 2021902367 (22) 31.07.2021 (54) Battery Apparatus	(71) Behnia, B. (21) 2021902273 (22) 25.07.2021 (54) Food delivery bag advertising signage (Poster)/ Online tracking platform	Clark Intellectual Property Pty Ltd see Southern Green Gas Pty Ltd (21) 2021902305
(71) Agilent Technologies, Inc. (21) 2021902278 (22) 26.07.2021 (54) An Improved Sample Holder	(71) Blue Economy CRC-Co Ltd (21) 2021902268 (22) 23.07.2021 (54) An offshore fish pen	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902333 (22) 29.07.2021 (54) METHOD AND APPARATUS FOR REDUCING CYLINDER WEAR IN ENGINES WITH HIGH PARTICULATE CONTAMINATION
(71) Amtac Professional Services Pty Ltd (21) 2021902312 (22) 28.07.2021 (54) Method of indelibly marking metals	(71) Boyd, N. (21) 2021902343 (22) 29.07.2021 (54) VIRTUAL SPORTS POST TECHNOLOGY	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902335 (22) 29.07.2021 (54) INJECTION OF CARBONACEOUS AQUEOUS SLURRY FUELS INTO LARGE DIESEL ENGINES
(71) Artrya Pty Ltd (21) 2021902323 (22) 28.07.2021 (54) A CORONARY ARTERY DISEASE ANALYSIS TOOL	(71) Bradley, M. (21) 2021902301 (22) 28.07.2021 (54) An Improved Drill rod for use with a drill rig	(71) Corbett, D. (21) 2021902293 (22) 27.07.2021 (54) NOTIFICATION AND GUIDANCE SYSTEM AND METHOD FOR AVOIDING COLLISION BETWEEN VEHICLES AND STRUCTURES
(71) ASH, S. (21) 2021902317 (22) 28.07.2021 (54) A BRACKET FOR JOINING MEMBERS IN A FRAME STRUCTURE AND A METHOD OF CONSTRUCTING A FRAME STRUCTURE	(71) Breville Pty Limited (21) 2021902318 (22) 28.07.2021 (54) Cooking appliance and humidity sensor for same	(71) CSL Innovation Pty Ltd (21) 2021902332 (22) 29.07.2021 (54) Method of purifying immunoglobulin G and uses thereof
(71) Atomo Diagnostics Pty Limited (21) 2021902350 (22) 30.07.2021 (54) SWAB BASED TEST DEVICE	(71) Brown, J. (21) 2021902285 (22) 26.07.2021 (54) Magnetically Powered Motor	(71) CUMMINS, I. (21) 2021902321 (22) 28.07.2021 (54) Water Renewal Treatment System
(71) Atomo Diagnostics Pty Limited (21) 2021902352 (22) 30.07.2021 (54) PRE-MIX TEST VESSEL	(71) Chironix Pty Ltd (21) 2021902277 (22) 26.07.2021 (54) A GROUND EFFECT VEHICLE	(71) Dorel Australia Pty Ltd (21) 2021902303 (22) 28.07.2021 (54) Top tether dampener
	(71) Chrisp, C. (21) 2021902311 (22) 28.07.2021 (54) A crab pot stacking device and method of utilisation thereof	

Provisional Applications Filed - Name Index cont'd

(71) Du Plooy, W.
(21) 2021902291 (22) 27.07.2021
(54) A Seat Belt Latch Protector

(71) DYNAMIK PTY LIMITED
(21) 2021902295 (22) 27.07.2021
(54) TOOLLESS FIN MOUNT ASSEMBLY

(71) Eco Structures Australia Pty Ltd
(21) 2021902346 (22) 30.07.2021
(54) Construction Support

(71) Electronic Pain Assessment Technologies (EPAT) Pty Ltd
(21) 2021902292 (22) 27.07.2021
(54) DELIRIUM RISK ASSESSMENT METHOD AND SYSTEM

(71) Elson, P.
(21) 2021902297 (22) 27.07.2021
(54) Retaining Wall

(71) Fasullo, j.
(21) 2021902275 (22) 26.07.2021
(54) Through-hole cable grabbing pliers

(71) Faulkner, R.
(21) 2021902287 (22) 26.07.2021
(54) Concrete-less Fence post anchor

(71) Funky Monkey Bars Pty Ltd
(21) 2021902258 (22) 22.07.2021
(54) Monkey bars installation

(71) FUSETEC 3D PTY LTD
(21) 2021902330 (22) 29.07.2021
(54) Surgical training model

(71) Garrick, G.; Stephens, J.; Sloan, D.
(21) 2021902341 (22) 29.07.2021
(54) Testing of Detection and Warning Functions of Interconnected Smoke Alarms by a Single Person

(71) GJW ENTERPRISES PTY. LTD.
(21) 2021902324 (22) 29.07.2021
(54) Device for Resealing Beverage Capsules

(71) Glencore Technology Pty Limited
(21) 2021902331 (22) 29.07.2021
(54) Treatment of zinc leach residue

(71) Grinsell, D.
(21) 2021902361 (22) 30.07.2021
(54) A Surgical Dissector Instrument

(71) Harshaw, P.
(21) 2021902360 (22) 30.07.2021
(54) Autonomous Security System

(71) Henderson, M.
(21) 2021902288 (22) 26.07.2021
(54) A method of detecting backflow in mechanical meters

(71) Hudson Institute of Medical Research; Monash University; Monash Health
(21) 2021902314 (22) 28.07.2021
(54) Methods of detecting and/or diagnosing pancreatic cancer

Huia Hana Adkins see Vanessa Cullen
(21) 2021902362

(71) INFINITI AI PTY LTD
(21) 2021902296 (22) 27.07.2021
(54) ADAPTABLE VERTICAL TAKE OFF AND LANDING VEHICLE

(71) Infravision Holdings Pty Ltd
(21) 2021902353 (22) 30.07.2021
(54) Line attachment device

(71) Intelligent Medical Technologies Pty Limited
(21) 2021902289 (22) 27.07.2021
(54) The Nebulizer Stick

(71) Jarvis, M.
(21) 2021902351 (22) 30.07.2021
(54) Large animal floatation device

(71) Jasper Medtech Pty Ltd
(21) 2021902313 (22) 28.07.2021
(54) Bone Access Device

Julien Zambrano Vesga see Vanessa Cullen
(21) 2021902362

(71) JumpFlex Limited
(21) 2021902302 (22) 28.07.2021
(54) TRAMPOLINES, COMPONENTS FOR TRAMPOLINES, AND METHODS OF ASSEMBLING TRAMPOLINES

(71) JumpFlex Limited
(21) 2021902348 (22) 30.07.2021
(54) Trampolines, Components Thereof And Methods Of Manufacture And Assembly

Jumpstart Security Pty Ltd see Khan, S.
(21) 2021902306

(71) Khan, S.; Jumpstart Security Pty Ltd
(21) 2021902306 (22) 28.07.2021
(54) A Program Onboarding and Management System for Cybersecurity Laypersons

(71) KHSI Family Trust
(21) 2021902307 (22) 28.07.2021
(54) A System for Conducting Cybersecurity, Technology and Financial Assessments of Organisational Entities

Kilminster, A. see Kilminster, N.
(21) 2021902286

(71) Kilminster, N.; Kilminster, A.
(21) 2021902286 (22) 26.07.2021
(54) Geolocation Based Mobile Phone Application for Dog Owners in NSW

(71) La Trobe University
(21) 2021902355 (22) 30.07.2021
(54) Humanized FN14-binding proteins and uses thereof

Le, S. see Nguyen, T.
(21) 2021902319

Li, X. see Li, R.
(21) 2021902253

(71) Li, R.; Li, X.
(21) 2021902253 (22) 22.07.2021
(54) Paper coffee cup lid with built-in drinking hole cover

(71) Macquarie University
(21) 2021902309 (22) 28.07.2021
(54) Orbital angular momentum multiplexer and demultiplexer

(71) Marmotta, G.
(21) 2021902279 (22) 26.07.2021
(54) A PASTA PRODUCT PRODUCTION DEVICE AND METHOD OF USE THEREOF

(71) Masliah, M.
(21) 2021902366 (22) 31.07.2021
(54) Surfing Toe Guard

Menzies, T. see Menzies, G.
(21) 2021902310

(71) Menzies, G.; Menzies, T.
(21) 2021902310 (22) 28.07.2021
(54) A transport frame

Provisional Applications Filed - Name Index cont'd

Monash Health see Hudson Institute of Medical Research
(21) 2021902314

Monash University see Hudson Institute of Medical Research
(21) 2021902314

(71) Monash University
(21) 2021902337 (22) 29.07.2021
(54) A wearable device

(71) MOODCO PTY LTD
(21) 2021902326 (22) 29.07.2021
(54) Improved test cap

(71) Neuromersiv Pty Limited
(21) 2021902299 (22) 27.07.2021
(54) A system and method for physical therapy

(71) NewSouth Innovations Pty Limited
(21) 2021902336 (22) 29.07.2021
(54) A biometric access control and/or contact tracing system

NewSouth Innovations Pty Limited see Silicon Quantum Computing Pty Limited
(21) 2021902356

(71) NewSouth Innovations Pty Limited
(21) 2021902359 (22) 30.07.2021
(54) Process of fabricating lead zirconate titanate (PZT) based piezoelectric devices

Ngo, T. see Nguyen, T.
(21) 2021902319

(71) Nguyen, T.; Ngo, T.; Le, S.
(21) 2021902319 (22) 28.07.2021
(54) HYDROGEN GAS STORAGE CONTAINER USING POLYMER-CONCRETE COMPOSITE

(71) Nuske, G.B.
(21) 2021902349 (22) 30.07.2021
(54) AIRCRAFT TYRE

(71) Olsen, B.
(21) 2021902282 (22) 26.07.2021
(54) A transportable hay distributor

(71) Parish, T.
(21) 2021902283 (22) 26.07.2021
(54) A METHOD OF EVALUATION AND TOOL

(71) Pastro-Custom AG
(21) 2021902334 (22) 29.07.2021
(54) IMPROVED AGRICULTURAL FAN SPRAYERS

(71) Plastic Solutions Australia Pty Ltd
(21) 2021902322 (22) 28.07.2021
(54) Panel to Panel Connector

(71) Prescient Therapeutics Ltd
(21) 2021902320 (22) 28.07.2021
(54) Universal receptor immune cell therapy

(71) PRESTON, J.C.
(21) 2021902345 (22) 29.07.2021
(54) IMPROVEMENTS TO TEMPORARY ELEVATORS AND RE CHARGABLE BATTERY POWERED DRIVE SYSTEM FOR SUCH ELEVATORS

(71) Rajendran, A.
(21) 2021902254 (22) 22.07.2021
(54) FULLY AUTOMATIC CAR UMBRELLA

(71) Reisner, J.
(21) 2021902300 (22) 27.07.2021
(54) The Use of Product Classes to Facilitate a Collective Trading and Firm Lead Platform

(71) ResMed Pty Ltd
(21) 2021902284 (22) 26.07.2021
(54) A method for predicting mouth leak in an individual

(71) SDI Limited
(21) 2021902262 (22) 23.07.2021
(54) MIXING AND DISPENSING CONTAINER

(71) Shaikh, F.
(21) 2021902272 (22) 24.07.2021
(54) Vayu - Wind Turbine

(71) Silicon Quantum Computing Pty Limited; NewSouth Innovations Pty Limited
(21) 2021902356 (22) 30.07.2021
(54) System and method for controlling quantum processing elements

Sloan, D. see Garrick, G.
(21) 2021902341

(71) Smoke Control Australia Pty Ltd
(21) 2021902281 (22) 26.07.2021
(54) Insulated sliding door assembly

(71) SoilCQuest PTY LTD
(21) 2021902354 (22) 30.07.2021
(54) Methods for the reduction of methane production in ruminants

(71) Somatrack Pty Ltd
(21) 2021902325 (22) 29.07.2021
(54) Devices and methods for measuring body tissue using acoustic waves

(71) Southern Green Gas Pty Ltd; Clark Intellectual Property Pty Ltd
(21) 2021902305 (22) 28.07.2021
(54) An Atmospheric Carbon Dioxide Extractor Cartridge and Associated Assembly

Stephens, J. see Garrick, G.
(21) 2021902341

(71) Striped IP Pty Ltd
(21) 2021902339 (22) 29.07.2021
(54) Pesticide Compositions And Uses Thereof

(71) SVW TECHNOLOGIES PTY LTD
(21) 2021902274 (22) 26.07.2021
(54) Wool Harvesting 1 200726

(71) SWEAT1000 Pty Ltd
(21) 2021902316 (22) 28.07.2021
(54) Exercise device

(71) Technological Resources Pty. Limited
(21) 2021902315 (22) 28.07.2021
(54) Leaching method

(71) The Florey Institute of Neuroscience and Mental Health
(21) 2021902338 (22) 29.07.2021
(54) Receptor antagonists and uses therefor

The Government of the United States of America as represented by The Secretary of the Department of Health and Human Services see University of the Sunshine Coast
(21) 2021902329

(71) The trustee for The Frog Discretionary Trust
(21) 2021902290 (22) 27.07.2021
(54) CABLE PROTECTION SYSTEM. A Helix to go over the outside of communication and electrical cable to protect them against damage by animal or impact.

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(71) The University of Melbourne
(21) 2021902365 (22) 30.07.2021
(54) NEUTRALISING ANTIBODIES AND
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(71) The Walter and Eliza Hall Institute of
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(21) 2021902276 (22) 26.07.2021
(54) SARS-COV-2 BINDING PROTEINS

(71) University of South Australia
(21) 2021902280 (22) 26.07.2021
(54) Prefabricated Cell Culture Plates Com-
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(71) University of the Sunshine Coast; The
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(21) 2021902329 (22) 29.07.2021
(54) Methods and Compounds for Skin Con-
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(71) v2food Pty Ltd
(21) 2021902298 (22) 27.07.2021
(54) INGREDIENTS FOR MEAT MIMETIC
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(71) van Bruinessen, P.
(21) 2021902294 (22) 27.07.2021
(54) Hair clamp behind ear

(71) Vanessa Cullen; Julien Zambrano
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(21) 2021902362 (22) 30.07.2021
(54) Process and digital application for tak-
ing a circular economy approach to in-
terior fitout design, construction and de-
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(71) Whitehead, T.
(21) 2021902347 (22) 30.07.2021
(54) SURGICAL DEVICE AND METHOD

(71) Wood, D.J.
(21) 2021902308 (22) 28.07.2021
(54) A non-fastener locking system for a
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(71) Yttrium Limited
(21) 2021902328 (22) 29.07.2021
(54) Frame for reinforced concrete

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2021902253	Li, R.; Li, X.	2021902330	FUSETEC 3D PTY LTD
2021902254	Rajendran, A.	2021902331	Glencore Technology Pty Limited
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2021902328	Yttrium Limited		
2021902329	University of the Sunshine Coast; The Government of the United States of America as represented by The Secretary of the Department of Health and Human Services		

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Applications listed below were processed through the Patent Office Canberra during the period ending 27 Jul 2021 .

. (*) Title not in Roman characters

. (**) Title not given

(71) A. Raymond Et Cie (21) 2021206800 (22) 19.07.2021 (54) SYSTEM AND METHOD FOR PACK-AGING MEDICAL STOPPERS CONSISTING OF A CAP AND A PLUG (31) FR2009218 (32) 11.09.20 (33) FR	AECC COMMERCIAL AIRCRAFT ENGINE CO., LTD. see Gaona Aero Material Co., Ltd. (21) 2021206812	ciency methods of manufacturing the same (62) 2020201000
(71) Acceleron Pharma Inc. (21) 2021209153 (22) 26.07.2021 (54) Combined use of GDF traps and erythropoietin receptor activators to increase red blood cell levels (62) 2019204127	(71) Afton Chemical Corporation (21) 2021206909 (22) 23.07.2021 (54) MULTIFUNCTIONAL BRANCHED POLYMERS WITH IMPROVED LOW-TEMPERATURE PERFORMANCE (62) 2019202765	(71) AmPro Innovations Pty Ltd (21) 2021209192 (22) 27.07.2021 (54) A Processing Machine for an Additive Manufacturing Build Assembly (31) 2020902629 (32) 27.07.20 (33) AU
(71) AccuraGen Holdings Limited (21) 2021206868 (22) 22.07.2021 (54) Compositions and methods for detecting rare sequence variants (62) 2014362227	(71) Air Products and Chemicals, Inc. (21) 2021206898 (22) 23.07.2021 (54) A METHOD AND APPARATUS FOR GENERATING, STORING AND USING HYDROGEN (31) 20188259.4 (32) 28.07.20 (33) EP	(71) Angel Group Co., Ltd. (21) 2021209176 (22) 27.07.2021 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2019204560
(71) Action Sports Equipment Pty Ltd (21) 2021206803 (22) 19.07.2021 (54) Trampoline equipment and methods (62) 2015202862	(71) Align Technology, Inc. (21) 2021206867 (22) 22.07.2021 (54) AUTOMATIC SELECTION AND LOCKING OF INTRAORAL IMAGES (62) 2019284039	(71) Angel Group Co., Ltd. (21) 2021209184 (22) 27.07.2021 (54) Management system for casino items (31) 2020-128081 (32) 29.07.20 (33) JP
(71) ActionWalls Pty Ltd (21) 2021206873 (22) 22.07.2021 (54) System for metering application features	(71) All Footings Solutions Pty Ltd (21) 2021209217 (22) 27.07.2021 (54) A footing	(71) Angel Group Co., Ltd. (21) 2021209205 (22) 27.07.2021 (54) Table game management system and game management system (62) 2019203350
(71) ACTIV'INSIDE (21) 2021209174 (22) 26.07.2021 (54) COMPOSITION COMPRISING A MIXTURE OF VITIS VINIFERA AND VACCINIUM ANGSTIFLOIUM EXTRACTS AND PROBIOTICS FOR IMPROVING COGNITIVE FUNCTIONS (31) 2007796 (32) 24.07.20 (33) FR	(71) All Style Engineering Pty Ltd (21) 2021206797 (22) 19.07.2021 (54) Frame construction assembly (31) 2020902876 (32) 13.08.20 (33) AU	(71) Angel Group Co., Ltd. (21) 2021209227 (22) 28.07.2021 (54) Casino system, casino item, and method of providing casino items (31) 2020-128075 (32) 29.07.20 (33) JP
(71) Acuitas Therapeutics Inc. (21) 2021206881 (22) 22.07.2021 (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids (62) 2016343803	(71) ALSTOM Transport Technologies (21) 2021206851 (22) 22.07.2021 (54) Protective device for land vehicle (31) 20 07949 (32) 28.07.20 (33) FR	(71) Angiocrine Bioscience, Inc. (21) 2021209230 (22) 28.07.2021 (54) BIOCOMPATIBLE IMPLANTS COMPRISING ENGINEERED ENDOTHELIAL CELLS (62) 2015364383
(71) Adverum Biotechnologies, Inc.; University of Washington (21) 2021209206 (22) 27.07.2021 (54) Compositions and methods for intravitreal delivery of polynucleotides to retinal cones (62) 2016226289	(71) American Wave Machines, Inc. (21) 2021209210 (22) 27.07.2021 (54) IMPROVEMENT TO WAVE MAKING APPARATUS (62) 2020244441	(71) Anheuser-Busch InBev S.A. (21) 2021209179 (22) 27.07.2021 (54) A method of preparing a beverage from a single-serve container or a kit in parts of single-serve container, said single-serve container and said kit in parts (62) 2017242652
	(71) Amphastar Pharmaceuticals, Inc. (21) 2021206890 (22) 23.07.2021 (54) High-purity inhalable particles of insulin and insulin analogues, and high-effi-	(71) Apap, S.; Grima, D.; Regel, M. (21) 2021206819 (22) 20.07.2021 (54) Improved Conveyor System

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(71) Arena Pharmaceuticals, Inc.
(21) 2021206809 (22) 20.07.2021
(54) Modulators of the beta-3 adrenergic receptor useful for the treatment or prevention of disorders related thereto
(62) 2017278102

(71) Aristocrat Technologies, Inc.
(21) 2021206912 (22) 23.07.2021
(54) SYSTEMS AND METHODS FOR PROVIDING A SECONDARY CURRENCY FOR USE IN AN ELECTRONIC GAMING ENVIRONMENT
(31) 16/937,748 (32) 24.07.20 (33) US

(71) Aristocrat Technologies, Inc.
(21) 2021209216 (22) 27.07.2021
(54) RANDOM BASED GAME OUTCOMES FOR GAMES WITHIN A MULTI-GAME PACKAGE
(31) 16/940,104 (32) 27.07.20 (33) US

(71) Arizona Board of Regents on Behalf of the University of Arizona of The University of Arizona
(21) 2021206840 (22) 21.07.2021
(54) STACKED TISSUE ENCAPSULATION DEVICE SYSTEMS WITH OR WITHOUT OXYGEN DELIVERY
(62) 2017396753

(71) Aspen Aerogels, Inc.
(21) 2021209172 (22) 26.07.2021
(54) Improved hydrophobic aerogel materials
(62) 2019253873

(71) Athenex Therapeutics Limited
(21) 2021209160 (22) 26.07.2021
(54) Therapeutic combinations of orally administered paclitaxel and a P-gp inhibitor for the treatment of cancer
(62) 2016295357

(71) Auspex Pharmaceuticals, Inc.
(21) 2021209150 (22) 26.07.2021
(54) Methods of manufacturing benzoquinoline compounds
(62) 2020201091

(71) Axial Therapeutics, Inc.
(21) 2021206871 (22) 22.07.2021
(54) Gut-selective sequestering agents for the treatment and prevention of autism and related disorders
(62) 2018243836

(71) Axiflux Holdings Pty Ltd
(21) 2021206849 (22) 22.07.2021
(54) ELECTRIC MOTOR/GENERATOR
(62) 2019250219

(71) Basta IP Inc.
(21) 2021209212 (22) 27.07.2021
(54) Foldable canopy
(31) 63/057,417 (32) 28.07.20 (33) US
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(71) Bavarian Nordic A/S
(21) 2021209228 (22) 28.07.2021
(54) Recombinant modified vaccinia virus Ankara (MVA) filovirus vaccine
(62) 2015310909

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(21) 2021209191

(71) Baxter International Inc.; Baxter Healthcare SA
(21) 2021209191 (22) 27.07.2021
(54) MEDICAL DEVICE DATA INTEGRATION APPARATUS AND METHODS
(62) 2016308443

(71) BEAUTY & BUSINESS S.P.A.
(21) 2021209215 (22) 27.07.2021
(54) HAIR COLOURING COMPOSITIONS
(31) 102020000019576 (32) 07.08.20 (33) IT

(71) BEDGEAR, LLC
(21) 2021206887 (22) 23.07.2021
(54) BEDDING SYSTEM
(62) 2020211469

(71) Beijing Tusen Weilai Technology Co., Ltd.
(21) 2021209229 (22) 28.07.2021
(54) Method and apparatus for positioning movable device, and movable device
(31) 202010744252.0 (32) 29.07.20 (33) CN

(71) Bell Identification BV
(21) 2021209143 (22) 26.07.2021
(54) Method and Apparatus for Providing Secure Services Using a Mobile Device
(62) 2019226230

(71) BILLION PRIMA SDN BHD
(21) 2021204685 (22) 05.07.2021
(54) A SYSTEM AND METHOD FOR INSPECTING A CARGO USING MULTIPLE ENERGY LEVEL RADIATION
(31) PI2020004477 (32) 28.08.20 (33) MY

(71) BIOCONIX PTY LTD.
(21) 2021209209 (22) 27.07.2021
(54) A SUBSTRATE
(62) 2019203778

(71) BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Jo-

hannes Gutenberg-Universität Mainz
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(21) 2021206886 (22) 23.07.2021
(54) 3' UTR sequences for stabilization of RNA
(62) 2016335029

(71) BISSELL Inc.
(21) 2021206798 (22) 19.07.2021
(54) Surface cleaning apparatus
(62) 2018278858

(71) BLY IP Inc.
(21) 2021206897 (22) 23.07.2021
(54) Continuous sampling drill bit
(31) PCT/US2021/033612 (32) 21.05.21 (33) WO

(71) BLY IP Inc.
(21) 2021209152 (22) 26.07.2021
(54) Systems and methods for releasing a portion of a drill string from a drilling cable
(62) 2016372033

(71) Böme S.r.l.
(21) 2021209198 (22) 27.07.2021
(54) Temperature adjusting device for a thermostatic mixing valve and related thermostatic mixing valve
(31) 102020000018361 (32) 29.07.20 (33) IT

(71) Böme S.r.l.
(21) 2021209199 (22) 27.07.2021
(54) Thermostatic mixing valve
(31) 102020000018355 (32) 29.07.20 (33) IT

(71) Breville Pty Limited
(21) 2021209231 (22) 28.07.2021
(54) Kitchen appliance for sensing food and beverage properties
(62) 2016290887

(71) Brick Business Pty Ltd
(21) 2021206848 (22) 21.07.2021
(54) Hoisting mechanism

(71) Bruin Biometrics, LLC
(21) 2021209233 (22) 28.07.2021
(54) Measurement of susceptibility to diabetic foot ulcers
(62) 2020204561

(71) Byrock Technologies Limited
(21) 2021209220 (22) 27.07.2021
(54) Compositions And Methods For Treatment Of Diseases
(62) 2015332002

(71) Cantor Index LLC
(21) 2021206924 (22) 26.07.2021

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(54) SYSTEMS AND APPARATUS FOR PROVIDING ADVICE REGARDING GAMING STRATEGIES
(62) 2019232897

(71) Canva Pty Ltd
(21) 2021206860 (22) 22.07.2021
(54) Systems and methods for applying effects to design elements
(31) 63/106,073 (32) 27.10.20 (33) US

(71) Cao, Y.
(21) 2021206883 (22) 22.07.2021
(54) An apparatus for cleaning a gutter
(31) 2020902573 (32) 23.07.20 (33) AU

(71) Celgene Corporation
(21) 2021209158 (22) 26.07.2021
(54) Methods of treating multiple myeloma with immunomodulatory compounds in combination with antibodies
(62) 2015305449

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(21) 2021209168

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(21) 2021206812

(71) CFPH, LLC
(21) 2021209225 (22) 28.07.2021
(54) SYSTEM AND METHOD FOR CONVENIENCE GAMING
(62) 2019216632

(71) Chevron U.S.A. Inc.
(21) 2021206816 (22) 20.07.2021
(54) Alginates for corrosion and scale control
(31) 63/054,010 (32) 20.07.20 (33) US

(71) Chu, A.
(21) 2021209232 (22) 28.07.2021
(54) Building construction
(31) 2020904545 (32) 08.12.20 (33) AU

(71) Combinati Incorporated
(21) 2021206903 (22) 23.07.2021
(54) Methods and systems for nucleic acid analysis and Quantification
(62) 2017363076

(71) Command Alkon Incorporated
(21) 2021206872 (22) 22.07.2021
(54) BEACON-BASED TRUCK SUPPLY CHAIN COORDINATING SYSTEM
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(71) CORDIS CORPORATION
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(54) Endoprosthesis with predetermined curvature formed by tri-tethers
(62) 2019208257

(71) Crown Equipment Corporation
(21) 2021209146 (22) 26.07.2021
(54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
(62) 2019426894

(71) Cumpston, P.
(21) 2021206906 (22) 23.07.2021
(54) A Heuristic Approach to Heparin Administration and Reversal
(31) 2020902745 (32) 05.08.20 (33) AU

(71) Cytec Industries Inc.
(21) 2021209170 (22) 26.07.2021
(54) STABILIZER COMPOSITIONS AND METHODS FOR USING SAME FOR PROTECTING ORGANIC MATERIALS FROM UV LIGHT AND THERMAL DEGRADATION
(62) 2020201502

(71) Daios, A.
(21) 2021206863 (22) 22.07.2021
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(31) EP20210283.6 (32) 27.11.20 (33) EP

(71) Daios, A.
(21) 2021206864 (22) 22.07.2021
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(31) EP20210289.3 (32) 27.11.20 (33) EP

(71) Daon Holdings Limited
(21) 2021206815 (22) 20.07.2021
(54) Method of Host-Directed Illumination and System for Conducting Host-Directed Illumination
(62) 2019201491

(71) Decibullz LLC
(21) 2021209142 (22) 26.07.2021
(54) Earpiece intra-audicular support system
(62) 2018210187

(71) DEKA Products Limited Partnership
(21) 2021209222 (22) 27.07.2021
(54) System and apparatus for electronic patient care using web services
(62) 2020204371

(71) DePuy Ireland Unlimited Company
(21) 2021206875 (22) 22.07.2021

(54) Orthopaedic surgical instrument system and a method of trialing an orthopaedic prosthetic assembly
(31) 17/038,710 (32) 30.09.20 (33) US

(71) Derwent Industries Pty Ltd
(21) 2021206893 (22) 23.07.2021
(54) WATER MAIN CONNECTOR
(31) 2020902568 (32) 23.07.20 (33) AU

(71) Dexcom, Inc.
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(54) Systems and methods for transmitting and continuous monitoring of analyte values
(62) 2019257396

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2021206896 (22) 23.07.2021
(54) ELECTRONIC ANKLE SHACKLE AND CORRESPONDING PROCESSES
(31) 102020120111.7 (32) 30.07.20 (33) DE

(71) DYNAMIK PTY LIMITED
(21) 2021206821 (22) 20.07.2021
(54) TOOLLESS FIN MOUNT ASSEMBLY
(62) 2020211618

(71) ee-FiT Pty Ltd
(21) 2021209211 (22) 27.07.2021
(54) SCAFFOLDING UNIT INSTALLATION

(71) Emma Sleep GmbH
(21) 2021209213 (22) 27.07.2021
(54) Foam core for a mattress and mattress
(31) 10 2020 120 186.9 (32) 30.07.20 (33) DE

(71) Emory University
(21) 2021206866 (22) 22.07.2021
(54) N4-HYDROXYCYTIDINE AND DERIVATIVES AND ANTI-VIRAL USES RELATED THERETO
(62) 2018378832

(71) Environmental Water Solutions Pty. Ltd.
(21) 2021206880 (22) 22.07.2021
(54) Filtration media and filtration arrangement and method for removal of PFAS contaminants
(31) 2020902753 (32) 05.08.20 (33) AU

(71) Eutech Cybernetic Pte Ltd
(21) 2021209140 (22) 26.07.2021
(54) Integration platform to enable operational intelligence and user journeys for smart cities and the internet of things
(62) 2016217500

(71) F. Hoffmann-La Roche AG
(21) 2021206925 (22) 26.07.2021

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(54) [1,2,3]triazolo[4,5-d]pyrimidine derivatives with affinity for the type-2 cannabinoid receptor
(62) 2017283136

(71) Flexitrust Building Services Pty Ltd
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(54) FIXING DEVICE
(62) 2017306574

(71) FourPhase AS
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(71) GALDERMA RESEARCH & DEVELOPMENT
(21) 2021206817 (22) 20.07.2021
(54) Novel biaromatic propynyl compounds, pharmaceutical and cosmetic compositions containing same, and uses thereof
(62) 2017214615

(71) Gaona Aero Material Co., Ltd.; AECC COMMERCIAL AIRCRAFT ENGINE CO., LTD.; Zhejiang Hiro Aviation Technology Co., Ltd.; CENTRAL IRON & STEEL RESEARCH INSTITUTE
(21) 2021206812 (22) 20.07.2021
(54) Method for Internal Stress Regulation in Superalloy Disk forgings by Pre-spinning

(71) Genentech, Inc.
(21) 2021209196 (22) 27.07.2021
(54) Methods of conjugating an agent to a thiol moiety in a protein that contains at least one trisulfide bond
(62) 2015294389

(71) Ggumbi Co., Ltd.
(21) 2021206807 (22) 20.07.2021
(54) TRANSFORMABLE PREFABRICATED FENCE
(31) 10-2020-0093895 (32) 28.07.20 (33) KR

(71) Gilead Apollo, LLC
(21) 2021209149 (22) 26.07.2021
(54) Solid forms of a thienopyrimidinedione ACC inhibitor and methods for production thereof
(62) 2017226267

(71) Gilead Sciences, Inc.
(21) 2021206907 (22) 23.07.2021

(54) Solid forms of an HIV capsid inhibitor
(62) 2018317833

(71) GLOBAL TOOL GROUP PTY LTD
(21) 2021206904 (22) 23.07.2021
(54) STORAGE DEVICE AND STORAGE SYSTEM

(71) Google LLC
(21) 2021209223 (22) 27.07.2021
(54) SYSTEMS, APPARATUS AND METHODS FOR MANAGING DEMAND-RESPONSE PROGRAMS AND EVENTS
(62) 2019279954

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(71) Grünenthal GmbH
(21) 2021209200 (22) 27.07.2021
(54) Salts or co-crystals of 3-(3-dimethylamino-1-ethyl-2-methyl-propyl)-phenol
(62) 2020264314

(71) Guangdong OPPO Mobile Telecommunications Corp., Ltd.
(21) 2021209147 (22) 26.07.2021
(54) Signal transmission method, terminal device and network device
(62) 2017440897

(71) Halkey-Roberts Corporation
(21) 2021206900 (22) 23.07.2021
(54) Medical Luer connector
(62) 2016341847

(71) Hartman Pacific Pty Ltd
(21) 2021206841 (22) 21.07.2021
(54) A ladder system
(31) 2020902520 (32) 21.07.20 (33) AU

(71) HENSOLDT Sensors GmbH; Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2021206822 (22) 20.07.2021
(54) OPTRONIC SYSTEM FOR A COUNTERMEASURE UNIT AND METHOD TO OPTICALLY COMMUNICATE
(31) 20187174.6 (32) 22.07.20 (33) EM

(71) Heraeus Medical GmbH
(21) 2021206877 (22) 22.07.2021
(54) Device and method for producing spacers
(31) 20191372.0 (32) 17.08.20 (33) EP

(71) Hewlett-Packard Development Company, L.P.
(21) 2021206879 (22) 22.07.2021

(54) Selectors for nozzles and memory elements
(62) 2017422642

(71) Hewlett-Packard Development Company, L.P.
(21) 2021206882 (22) 22.07.2021
(54) Selectors for nozzles and memory elements
(62) 2017422642

(71) Huawei Technologies Co., Ltd.
(21) 2021206884 (22) 23.07.2021
(54) SCHEDULING REQUEST PROCESSING METHOD AND TERMINAL DEVICE
(62) 2018340729

(71) Huawei Technologies Co., Ltd.
(21) 2021209155 (22) 26.07.2021
(54) REGISTRATION METHOD, SESSION ESTABLISHMENT METHOD, TERMINAL, AND AMF ENTITY
(62) 2017419197

(71) Huawei Technologies Co., Ltd.
(21) 2021209226 (22) 28.07.2021
(54) Display method and apparatus
(62) 2017418882

(71) Hui, H.
(21) 2021206835 (22) 21.07.2021
(54) AROMA DIFFUSER HEAD SECURING ASSEMBLY AND AROMA DIFFUSER APPARATUS
(62) 2018378535

(71) Hwang, Y.
(21) 2021206889 (22) 23.07.2021
(54) Cap and method for forming the same
(31) 202011466620.6 (32) 14.12.20 (33) CN

(71) Hydrason Solutions Limited
(21) 2021204692 (22) 05.07.2021
(54) Improvements in or relating to Sonar Apparatus
(62) 2019213353

(71) Hypertherm, Inc.
(21) 2021206862 (22) 22.07.2021
(54) CARTRIDGE FOR A LIQUID-COOLED PLASMA ARC TORCH
(62) 2016301372

(71) Ichnos Sciences SA
(21) 2021209148 (22) 26.07.2021
(54) Methods of inactivating viral contaminants
(62) 2018320524

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(71) Illinois Tool Works Inc. (21) 2021209166 (22) 26.07.2021 (54) Improved expansion anchor (31) 20191102.1 (32) 14.08.20 (33) EM 20191109.6 14.08.20 EM 21173262.3 11.05.21 EM	(71) Janssen Sciences Ireland UC (21) 2021206827 (22) 21.07.2021 (54) Sulphamoylpyrrolamide derivatives and the use thereof as medicaments for the treatment of Hepatitis B (62) 2019236657	(71) LG Electronics Inc. (21) 2021206839 (22) 21.07.2021 (54) Image encoding/decoding method and device therefor (62) 2018252853
(71) Immatics Biotechnologies GmbH (21) 2021207620 (22) 26.07.2021 (54) UTERINE CANCER TREATMENTS (62) 2017229149	(71) Janssen Vaccines & Prevention B.V. (21) 2021209185 (22) 27.07.2021 (54) Stabilized soluble pre-fusion RSV F proteins (62) 2017248021	(71) LG Electronics Inc. (21) 2021206874 (22) 22.07.2021 (54) Cleaner (62) 2017389339
(71) Immunogen, Inc. (21) 2021206918 (22) 24.07.2021 (54) Cytotoxic benzodiazepine derivatives (62) 2019206132	(71) JDM Products Pty Ltd (21) 2021206806 (22) 20.07.2021 (54) Gunstock Support (31) 2020902527 (32) 21.07.20 (33) AU	(71) LG Electronics Inc. (21) 2021206901 (22) 23.07.2021 (54) Method for decoding image on basis of CCLM prediction in image coding system, and device therefor (62) 2019383886
(71) ImmunoGen, Inc. (21) 2021206842 (22) 21.07.2021 (54) Methods for increasing efficacy of FOLR1 cancer therapy (62) 2019202611	(71) Jinhua Wanfeng Tools Factory (21) 2021206845 (22) 21.07.2021 (54) MOSAIC TILE PAVING DEVICE (31) 17/029,271 (32) 23.09.20 (33) US 202010847361.5 21.08.20 CN	(71) Linfox Armaguard Pty Ltd (21) 2021206922 (22) 26.07.2021 (54) Coin Bin (62) 2016267389
(71) Imprenditore Pty Limited (21) 2021209189 (22) 27.07.2021 (54) Power Monitoring and Signal Unit (62) 2019203612	(71) Jinko Green Energy (Shanghai) Management Co., LTD.; ZHEJIANG JINKO SOLAR CO., LTD. (21) 2021209203 (22) 27.07.2021 (54) SOLAR CELL AND SOLAR CELL MODULE (31) 202110738433.7 (32) 30.06.21 (33) CN	(71) Magic Leap, Inc. (21) 2021209169 (22) 26.07.2021 (54) Virtual and augmented reality systems and methods (62) 2016308731
(71) Imtrade Australia Pty Ltd (21) 2021206891 (22) 23.07.2021 (54) A formulation (31) 2020902752 (32) 05.08.20 (33) AU	JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD (21) 2021206850	(71) Magnet Forensics Inc. (21) 2021209167 (22) 26.07.2021 (54) System and method for generating a minimal forensic image of a dataset of interest (31) 63/056,261 (32) 24.07.20 (33) US
(71) Infinite Arthroscopy Inc. Limited (21) 2021206892 (22) 23.07.2021 (54) Wireless medical imaging system comprising a head unit and a light cable that comprises an integrated light source (62) 2020250242	(71) Jorgenson-Watts IP Pty Ltd (21) 2021206894 (22) 23.07.2021 (54) Adjustable Wings Including Adjustable Doors & Screens (62) 2019206034	(71) Mallinckrodt Hospital Products IP Limited (21) 2021206852 (22) 22.07.2021 (54) DEVICES, METHODS, AND SYSTEMS FOR PRIMING, SEPARATING, AND COLLECTING BLOOD COMPONENTS (62) 2018267632
(71) Innovative Mining Products (Pty) Ltd (21) 2021206917 (22) 24.07.2021 (54) Resin-Grouted Rock Bolt Assembly with an Adapted Sealing Bush	(71) Juno Therapeutics, Inc. (21) 2021209195 (22) 27.07.2021 (54) Methods for isolating, culturing, and genetically engineering immune cell populations for adoptive therapy (62) 2015249554	(71) Maquet Cardiopulmonary GmbH (21) 2021206919 (22) 25.07.2021 (54) USER INTERFACE (62) 2016336420
(71) Intuit Inc. (21) 2021206811 (22) 20.07.2021 (54) Methods, systems and computer program products for collecting tax data (62) 2017366832	(71) Keygene N.V. (21) 2021206832 (22) 21.07.2021 (54) Method for the production of haploid and subsequent doubled haploid plants (62) 2016331020	(71) Massachusetts Institute of Technology (21) 2021209186 (22) 27.07.2021 (54) DEVICES INCORPORATING A LIQUID-IMPREGNATED SURFACE (62) 2019216670
(71) Jade Bird Display (Shang Hai) Limited (21) 2021206869 (22) 22.07.2021 (54) Making semiconductor devices by stacking strata of micro LEDs (62) 2018239260	(71) Kimberly-Clark Worldwide, Inc. (21) 2021209194 (22) 27.07.2021 (54) Disposable product quantification and management (62) 2014410207	(71) McLaughlin Gormley King Company (21) 2021206902 (22) 23.07.2021 (54) Mixtures of sabadilla alkaloids and azadirachtin and uses thereof (62) 2017290734

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(71) MedImmune Limited (21) 2021209207 (22) 27.07.2021 (54) ANTIBODIES TO TICAGRELOR AND METHODS OF USE (62) 2015326869	(71) M-TECHX. INC. (21) 2021206844 (22) 21.07.2021 (54) Nanofiber production device and nanofiber production method (62) 2016237135	(54) Method of manufacturing bispecific antibodies, bispecific antibodies and therapeutic use of such antibodies (62) 2018284303
(71) Medos International Sarl (21) 2021206888 (22) 23.07.2021 (54) Minimally invasive systems and methods for approximating tissue with a suture	(71) NAVICO HOLDING AS (21) 2021205099 (22) 16.07.2021 (54) SYSTEMS AND ASSOCIATED METHODS FOR GENERATING NAVIGATION CHARTS AND NAVIGABLE ROUTES IN AN OPEN ENVIRONMENT (62) 2019253884	(71) NTT DOCOMO, INC. (21) 2021206831 (22) 21.07.2021 (54) Base station and cell setting method (62) 2017237329
(71) Memorial Sloan-Kettering Cancer Center (21) 2021209292 (22) 29.07.2021 (54) Specification of functional cranial placode derivatives from human pluripotent stem cells (62) 2014352773	(71) NAVICO HOLDING AS (21) 2021205104 (22) 16.07.2021 (54) BEAMFORMING SONAR SYSTEM WITH IMPROVED SONAR IMAGE FUNCTIONALITY, AND ASSOCIATED METHODS (31) 16/944,186 (32) 31.07.20 (33) US	(71) NuVasive Specialized Orthopedics, Inc. (21) 2021206823 (22) 21.07.2021 (54) EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE (62) 2016368167
(71) Mesinja Pty Ltd (21) 2021209164 (22) 26.07.2021 (54) Systems and computer-implemented methods for generating pseudo random numbers (62) 2021200062	(71) Netflix, Inc. (21) 2021206826 (22) 21.07.2021 (54) Acceleration system for facilitating processing of API calls (62) 2018289353	(71) Ocado Innovation Limited (21) 2021206859 (22) 22.07.2021 (54) Picking systems and methods (62) 2016352866
(71) Mesinja Pty Ltd (21) 2021209165 (22) 26.07.2021 (54) Systems and computer-implemented methods for generating pseudo random numbers (62) 2021200063	(71) Niantic, Inc. (21) 2021206838 (22) 21.07.2021 (54) Self-supervised training of a depth estimation model using depth hints (62) 2020266341	(71) Ocado Innovation Limited (21) 2021209188 (22) 27.07.2021 (54) Methods, systems and apparatus for controlling movement of transporting devices (62) 2019203899
(71) Milwaukee Electric Tool Corporation (21) 2021206865 (22) 22.07.2021 (54) High power battery-powered system (62) 2018306290	(71) Nien Made Enterprise Co., Ltd. (21) 2021206799 (22) 19.07.2021 (54) Top down bottom up window covering (31) 202023152965.2 (32) 24.12.20 (33) CN	(71) Olema Pharmaceuticals, Inc. (21) 2021206861 (22) 22.07.2021 (54) Tetrahydro-1H-pyrido(3,4-b)indole anti-estrogenic drugs (62) 2016331065
(71) Minnetronix, Inc. (21) 2021206834 (22) 21.07.2021 (54) SYSTEMS, CATHETERS, AND METHODS FOR TREATING ALONG THE CENTRAL NERVOUS SYSTEM (62) 2018346535	(71) Ningxia Jiyuan Juntai New Material Technology Co. Ltd.; University of Science and Technology Beijing; Ningxia Jiyuan Metallurgical Group Co., Ltd. (21) 2021206923 (22) 26.07.2021 (54) METHOD FOR PREPARING SAND AGGREGATE BY USING FERROMANGANESE SILICON HOT SLAG AND APPLICATION THEREOF (31) 202011414058.2 (32) 03.12.20 (33) CN	(71) Pall Corporation (21) 2021209154 (22) 26.07.2021 (54) Adenovirus-associated viruses separation method (31) 16/942156 (32) 29.07.20 (33) US
(71) MONTEFIBRE MAE TECHNOLOGIES S.R.L. (21) 2021206899 (22) 23.07.2021 (54) SIMPLIFIED AND IMPROVED PROCESS FOR THE PRODUCTION OF ACRYLIC FIBERS (31) 102020000019582 (32) 07.08.20 (33) IT	Ningxia Jiyuan Metallurgical Group Co., Ltd. see Ningxia Jiyuan Juntai New Material Technology Co. Ltd. (21) 2021206923	(71) Pelican Manufacturing Pty Ltd (21) 2021209173 (22) 26.07.2021 (54) BED ASSISTANCE DEVICE
(71) Morf, LLC (21) 2021209162 (22) 26.07.2021 (54) MODULAR ACTIVITY BOARD (62) 2016260303	(71) Norway Grange Pty Ltd (21) 2021209171 (22) 26.07.2021 (54) Test cartridge (31) 2020903030 (32) 25.08.20 (33) AU	(71) PELL Bio-Med Technology Co., Ltd (21) 2021206846 (22) 21.07.2021 (54) LENTIVIRUS PACKAGING SYSTEM, LENTIVIRUS PRODUCED BY THE SAME, CELL TRANSFECTED BY THE LENTIVIRUS, METHOD FOR IMPROVING LENTIVIRUS PRODUCTION IN A HOST CELL, AND METHOD OF USING THE CELL FOR TREATING CANCER (31) 110115343 (32) 28.04.21 (33) TW
	(71) Novartis AG (21) 2021206810 (22) 20.07.2021	(71) Pfizer Inc. (21) 2021206895 (22) 23.07.2021 (54) Immunogenic compositions comprising conjugated capsular saccharide antigens and uses thereof (62) 2019204623

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(71) Phebra Pty Ltd (21) 2021209214 (22) 27.07.2021 (54) Method of preparing a topical pharmaceutical composition	(71) ResMed Pty Ltd (21) 2021209151 (22) 26.07.2021 (54) Headgear for a Patient Interface (62) 2019323224	(71) Smiths Medical ASD, Inc. (21) 2021206876 (22) 22.07.2021 (54) Closed system catheter (62) 2017220022
(71) PLUS XNERGY EDGE SDN BHD (21) 2021206914 (22) 23.07.2021 (54) A SYSTEM AND METHOD FOR ESTIMATING ENERGY CONSUMPTION AND MANAGING LOAD SCHEDULE IN A BUILDING (31) PI2020003814 (32) 23.07.20 (33) MY	(71) ResMed Pty Ltd (21) 2021209178 (22) 27.07.2021 (54) Patient Interface (62) 2019324733	(71) Société des Produits Nestlé S.A. (21) 2021209201 (22) 27.07.2021 (54) Heat sterilized high protein compositions with hydrolyzed protein from a continuous process with at least one endopeptidase (62) 2016369883
(71) PLUS XNERGY EDGE SDN BHD (21) 2021206915 (22) 23.07.2021 (54) MEASUREMENT DEVICE AND METHOD FOR MEASURING PARAMETERS (31) PI2020003815 (32) 23.07.20 (33) MY	(71) ResMed Pty Ltd (21) 2021209180 (22) 27.07.2021 (54) Headgear for a Patient Interface (62) 2019323224	(71) Starbucks Corporation (21) 2021206854 (22) 22.07.2021 (54) Extraction cell (62) 2018318126
(71) PLUS XNERGY EDGE SDN BHD (21) 2021206916 (22) 23.07.2021 (54) AN AUTOMATED SYSTEM AND METHOD FOR DETECTING SOILING OVER SOLAR PANELS OF A SOLAR PLANT (31) PI2020003816 (32) 23.07.20 (33) MY	(71) ResMed Pty Ltd (21) 2021209182 (22) 27.07.2021 (54) Headgear for a Patient Interface (62) 2019323224	(71) STEPHEN, B. (21) 2021209175 (22) 26.07.2021 (54) IMPROVED PRUNING MACHINE
(71) Prysmian S.p.A. (21) 2021206829 (22) 21.07.2021 (54) Method and equipment for the installation of a power cable in a tunnel (31) 102020000019975 (32) 11.08.20 (33) IT	(71) Roam Pty Ltd (21) 2021206857 (22) 22.07.2021 (54) A MONOPOLE STRENGTHENING SYSTEM (31) 2020902593 (32) 24.07.20 (33) AU	(71) Sungrow Power Supply Co., Ltd. (21) 2021206847 (22) 21.07.2021 (54) Photovoltaic inverter, photovoltaic system, and method for controlling discharging (31) 202010711947.9 (32) 22.07.20 (33) CN
(71) Prysmian S.p.A. (21) 2021209159 (22) 26.07.2021 (54) Fire resistant cable with dual insulation layer arrangement (31) 16/990,250 (32) 11.08.20 (33) US	(71) Russell Investments Group, LLC (21) 2021209197 (22) 27.07.2021 (54) Method of creating and maintaining multi-manager exchange traded funds (62) 2019250173	(71) Takeoff Technologies, Inc. (21) 2021206911 (22) 23.07.2021 (54) Climate-controlled container system (31) 17/031,000 (32) 24.09.20 (33) US 63/056,234 24.07.20
(71) Raimondi S.p.A. (21) 2021206833 (22) 21.07.2021 (54) Levelling spacer device for slabs (31) 102020000017881 (32) 23.07.20 (33) IT	(71) SecureKey Technologies Inc. (21) 2021206913 (22) 23.07.2021 (54) Systems and methods for distributed data sharing with asynchronous third-party attestation (62) 2017225928	(71) The Board of Trustees of the University of Illinois (21) 2021206837 (22) 21.07.2021 (54) Restoring physiology with small molecule mimics of missing proteins (62) 2015343245
(71) Raytheon Company (21) 2021209190 (22) 27.07.2021 (54) SCHOTTKY CONTACT STRUCTURE FOR SEMICONDUCTOR DEVICES AND METHOD FOR FORMING SUCH SCHOTTKY CONTACT STRUCTURE (62) 2018230678	(71) Selecta Biosciences, Inc. (21) 2021209202 (22) 27.07.2021 (54) Methods and compositions related to the use of low HLB surfactants in the production of synthetic nanocarriers comprising a rapalog (62) 2015342968	(71) The Great Barrier Tray Company Pty Ltd (21) 2021206856 (22) 22.07.2021 (54) A tray (31) 2020904217 (32) 16.11.20 (33) AU
(71) Redei Innovations Pty Ltd (21) 2021206878 (22) 22.07.2021 (54) Stackable units	(71) Selecta Biosciences, Inc. (21) 2021209204 (22) 27.07.2021 (54) Methods and compositions related to synthetic nanocarriers with rapamycin in a stable, super-saturated state (62) 2015342969	(71) The Sy-Klone Company, LLC (21) 2021209139 (22) 26.07.2021 (54) Self-cleaning air filtration apparatus and method (31) 17/356,973 (32) 24.06.21 (33) US
Regel, M. see Apap, S. (21) 2021206819	(71) Sequenom, Inc. (21) 2021209224 (22) 28.07.2021 (54) Methods and processes for non-invasive assessment of chromosome alterations (62) 2014332241	(71) Thread Wallets LLC (21) 2021206921 (22) 26.07.2021 (54) BIFOLD WALLETS WITH ELASTIC SLEEVE (31) 16/983,884 (32) 03.08.20 (33) US

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(71) Timber Pharmaceuticals LLC
(21) 2021206858 (22) 22.07.2021
(54) Isotretinoin formulations and uses and methods thereof
(62) 2016346203

(71) Translate Bio, Inc.
(21) 2021206908 (22) 23.07.2021
(54) MULTIMERIC CODING NUCLEIC ACID AND USES THEREOF
(62) 2017248189

(71) Triskelion Solutions Pty Ltd
(21) 2021209193 (22) 27.07.2021
(54) Commercial Office – Building Occupancy Optimisation Booking System

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(21) 2021206886

(71) University of Massachusetts
(21) 2021206885 (22) 23.07.2021
(54) Recombinant AAV variants and uses thereof
(62) 2015335923

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(21) 2021206923

(71) University of South Australia; Central Adelaide Local Health Network Inc.
(21) 2021209168 (22) 26.07.2021
(54) MODULATORS OF 14-3-3 FUNCTIONALITY AND USES THEREOF
(62) 2015330955

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(21) 2021209206

(71) Vitomir, S.
(21) 2021209181 (22) 27.07.2021
(54) Virucidal compositions and methods
(31) 63/034,839 (32) 04.06.20 (33) US

(71) VO, C.
(21) 2021206836 (22) 21.07.2021
(54) Animal washing apparatus
(31) 2020902655 (32) 29.07.20 (33) AU

(71) Vorwerk & Co. Interholding GmbH
(21) 2021206870 (22) 22.07.2021
(54) Food processor and method for taking a food sample
(31) 20198065.3 (32) 24.09.20 (33) EM

(71) Vyaire Medical Consumables LLC
(21) 2021206910 (22) 23.07.2021
(54) Suction catheter adaptor
(62) 2016355683

(71) Waymo LLC
(21) 2021209208 (22) 27.07.2021
(54) SYSTEMS AND METHODS FOR LIDARS WITH ADJUSTABLE RESOLUTION AND FAILSAFE OPERATION
(62) 2018383447

(71) WEBSTER, G.
(21) 2021206805 (22) 20.07.2021
(54) A VERTICAL BATTEN
(62) 2019208195

(71) Westinghouse Air Brake Technologies Corporation
(21) 2021206920 (22) 26.07.2021
(54) SYSTEM AND METHOD FOR ESTABLISHING VEHICLE DISTRIBUTED POWER ARRANGEMENT
(31) 63/059,509 (32) 31.07.20 (33) US
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(71) Wintermute Biomedical, Inc.
(21) 2021206820 (22) 20.07.2021
(54) THERAPEUTIC COMPOSITIONS
(62) 2019355862

(71) Wright Medical Technology, Inc.
(21) 2021206853 (22) 21.07.2021
(54) Ankle replacement system and method
(62) 2019213412

(71) ZaVargê Pty Ltd
(21) 2021206830 (22) 21.07.2021
(54) Improvements in Bedding
(62) 2016292945

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(21) 2021209156

(71) Zhang, Y.; Zhang, H.
(21) 2021209156 (22) 26.07.2021
(54) Technical method for increasing efficiency of systemic herbicide
(62) 2020202036

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(21) 2021206812

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
(21) 2021206850 (22) 22.07.2021

(54) PHOTOVOLTAIC CELL, METHOD FOR MANUFACTURING SAME, AND PHOTOVOLTAIC MODULE
(31) 202011591700.4 (32) 29.12.20 (33) CN

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(21) 2021209203

(71) Zoetis Services LLC
(21) 2021206905 (22) 23.07.2021
(54) Methods of vaccine administration
(62) 2019204604

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2021206821	DYNAMIK PTY LIMITED	2021206887	BEDGEAR, LLC
2021206822	HENSOLDT Sensors GmbH; Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2021206888	Medos International Sarl
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World Peace University**
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World Peace University**
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(21) 2021103918

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(21) 2021103919

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(71) BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA
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(21) 2021104149 (22) 14.07.2021
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(71) Chengdu Daosheng Biotechnology Co., Ltd
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(21) 2021104798 (22) 02.08.2021
(54) Countercurrent Exchange Membrane Distillation Device

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(21) 2021104718 (22) 29.07.2021
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(71) CHINA ELECTRIC POWER RE-SEARCH INSTITUTE CO., LTD.; Huazhong University of Science and Technology
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(54) SYSTEM AND METHOD FOR MULTIDIMENSIONAL BALANCED MAGNETIC FIELD MEASUREMENT

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(71) China University of Petroleum (East China)
(21) 2021104092 (22) 13.07.2021
(54) Full-Time Open Interactive Geological Teaching Laboratory System

(71) China Urban Construction Design & Research Institute Co.,Ltd.; Shandong University
(21) 2021104658 (22) 28.07.2021
(54) NITROGEN-DOPED REDUCED GRAPHENE OXIDE NANO-COMPOSITE AND PREPARATION METHOD AND USE THEREOF

(71) Chinese Academy of Surveying and Mapping
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(21) 2021104732 (22) 30.07.2021
(54) DEFORMED MAGNESIUM ALLOY WITH LOW COST, HIGH CONDUCTIVITY AND HIGH ELECTROMAGNETIC SHIELDING PERFORMANCE

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(71) Coulter Ventures LLC
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(21) 2021104238 (22) 16.07.2021
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(71) Cripps Clark, J.
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(54) A SWAGING METHOD

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USE THEREOF

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(54) A Cycling Helmet for Hearing Impaired
and Deaf People

(71) Ghatak, S.; Bhattacharjee, D.
(21) 2021104026 (22) 09.07.2021
(54) A SYSTEM AND METHOD FOR BAR-
CODE REPRESENTATION OF FACE
IMAGES

Ghosh, A. see Murugaiyan, C.
(21) 2021104413

(71) GIFT LABEL CO. PTY LTD
(21) 2021104031 (22) 10.07.2021
(54) Adhesive, addressable gift labels

**Giri, R. see Dr. Vishwanath Karad MIT
World Peace University**
(21) 2021104447

G Kudamble, B. see Shaik, S.B.
(21) 2021103991

Goad, P. see Deore, P.
(21) 2021104102

(71) Goaiz, H.
(21) 2021104194 (22) 15.07.2021
(54) Integrated Multi-Part Assembly for
Smooth Conversion of Uniaxial
Stresses & Strains into Radial Stresses
& Strains

Goda, N.R. see Kapoor, U.
(21) 2021103944

GODI, S. see DUVVURU, R.
(21) 2021103955

(71) Gokhale, P.; Kulkarni, P.; Prabhu, A.;
Lingannavar, R.; Kamble, S.
(21) 2021104059 (22) 12.07.2021
(54) DYNAMIC APPLICATION FOR
INVESTOR'S PORTFOLIO DETEC-
TION USING BEHAVIOURAL ANALYS-
IS

(71) Gopal, S.; Somanathan, A.; Jeyakumar,
R.
(21) 2021104158 (22) 15.07.2021
(54) A METHOD AND SYSTEM FOR RE-
MOVING CHROMIUM(III) FROM TAN-
NERY WASTEWATER

GOUTHAMSRI, S. see BENDI, R.
(21) 2021103940

Gowrishankar, V. see Devi, M.P.
(21) 2021104030

Goyal, A. see Bharti, P.K.
(21) 2021103941

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(21) 2021104030

(71) GRAPHIC ERA (DEEMED TO BE) UNI-
VERSITY; GRAPHIC ERA HILL UNI-
VERSITY, DEHRADUN CAMPUS
(21) 2021104304 (22) 19.07.2021
(54) AN ELECTRONIC-IONIC POLYMER
SENSOR FOR VOLTAGE GENERA-
TION
(31) 202111031529 (32) 14.07.21 (33) IN

(71) GRAPHIC ERA (DEEMED TO BE) UNI-
VERSITY
(21) 2021104618 (22) 27.07.2021

(54) A BLOCKCHAIN BASED SECURE
SYSTEM FOR PHYSIOLOGICAL EN-
VIRONMENT DATA ACQUISITION
AND EXHIBITING PROCESS DATA

**GRAPHIC ERA HILL UNIVERSITY,
DEHRADUN CAMPUS see GRAPHIC ERA
(DEEMED TO BE) UNIVERSITY**
(21) 2021104304

(71) Greenzone Pest Innovations Pty Ltd
(21) 2021104470 (22) 23.07.2021
(54) Treated backer rod

Grover, N. see Tiwari, S.
(21) 2021104037

Grover, S. see Ajay, A.
(21) 2021104404

(71) Growplay Pty Ltd
(21) 2021104524 (22) 24.07.2021
(54) PLAYGROUND ASSEMBLY
(31) 2021900603 (32) 04.03.21 (33) AU

(71) Growplay Pty Ltd
(21) 2021104526 (22) 24.07.2021
(54) PLAYGROUND APPARATUS
(31) 2020904444 (32) 30.11.20 (33) AU

(71) Growplay Pty Ltd
(21) 2021104530 (22) 24.07.2021
(54) APPARATUS FOR ANCHORING A
FRAME SUPPORT MEMBER
(31) 2021900161 (32) 25.01.21 (33) AU

(71) Growplay Pty Ltd
(21) 2021104531 (22) 24.07.2021
(54) PLAYGROUND APPARATUS
(31) 2021900936 (32) 30.03.21 (33) AU

(71) Guang'an People's Hospital
(21) 2021104126 (22) 14.07.2021
(54) General elevator air disinfection and
ventilation system
(31) 2020220405073 (32) 17.09.20 (33) CN

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Group Co., Ltd. see Guangxi University**
(21) 2021104484

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nology co., LTD see Nanjing Emperordam
Engineering Technology co., LTD**
(21) 2021103928

(71) Guangxi Medical University
(21) 2021104248 (22) 16.07.2021

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(54) Recombinant Human VASN Protein-LRR Domain Protein and Monoclonal Antibody Thereof

(71) Guangxi University; Guangdong Foundation Engineering Group Co., Ltd.

(21) 2021104484 (22) 23.07.2021

(54) Reusable assembled adjustable guide wall inner support frame, and applied construction method thereof

Guhathakurta, R. see Gadde, S.K.

(21) 2021103995

(71) Guizhou Normal University

(21) 2021104562 (22) 26.07.2021

(54) METHOD FOR CONTROLLING NOCTUID PESTS IN FIELD CROPS

(31) 202110441834.6 (32) 23.04.21 (33) CN

(71) Guizhou Normal University

(21) 2021104825 (22) 02.08.2021

(54) COMPOUND BEVERAGE OF HOVENIA ACERBA AND CITRUS MAXIMA, AND PREPARATION METHOD THEREOF

(31) 202011442489.X (32) 08.12.20 (33) CN

(71) GuiZhou Normal University

(21) 2021103979 (22) 08.07.2021

(54) ELECTRIC AUTOMOBILE CHARGING PILE PLUG PROTECTION SEAT

Gulati, K. see Kapoor, U.

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(21) 2021103917

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(21) 2021103990

(71) Gupta, A.; Husain, A.A.; Bhandari, A.; Kumar Saxena, M.; Kumar, S.

(21) 2021104035 (22) 10.07.2021

(54) A CONTINUOUS-TIME BIQUADRATIC FILTER DEVICE AND ITS METHOD THEREOF

(71) Gupta, A.K.; Devi, G.; Kumari, P.L.; Kumar, D.; Krishna, B.; Vani, G.; Jiddu, J.; Mahapatra, S.; Satpathy, R.; Jaiswal, T.; Jaiswal, S.; S, A.

(21) 2021104045 (22) 11.07.2021

(54) FAILURE NODES DETECTION AND RECOVERY SYSTEM IN CLOUD COMPUTING TO IMPROVE RESOURCES RELIABILITY

Gupta, R. see Yadav, V.K.

(21) 2021104048

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(21) 2021104107

(71) Gupta, S.; Mihir Bhamre, P.; Gambhir, M.

(21) 2021104157 (22) 15.07.2021

(54) A DISTINCTIVE METHOD TO DESIGN NULL-STEERED TRANSMIT BEAM-FORMING THROUGH DISCRETE POLYPHASE-CODED WAVEFORMS

Gupta, K.D. see Kumar, S.

(21) 2021104202

Gupta, S. see L.K, J.G.

(21) 2021104203

Gupta, P. see Adimule, V.

(21) 2021104485

Gure, A.T. see Murugaiyan, C.

(21) 2021104413

(71) Haddad, C.

(21) 2021104368 (22) 21.07.2021

(54) Hair extension application apparatus and methods of applying hair extensions therewith

(31) 2020903725 (32) 14.10.20 (33) AU

(71) Hainan Tropical Ocean University

(21) 2021104687 (22) 29.07.2021

(54) METHOD FOR IMPROVING FLESH QUALITY OF HAIRTAIL BY COMPOUNDING CURDLAN WITH TRANSGLUTAMINASE

(71) Hainan Tropical Ocean University

(21) 2021104690 (22) 29.07.2021

(54) METHOD FOR PREPARING SECTION FOR RAPIDLY OBSERVING MICROSTRUCTURE OF FROZEN AQUATIC PRODUCTS

(71) Halsall, S.

(21) 2021104644 (22) 28.07.2021

(54) A head restraint

(62) 2020363436

(71) Hangzhou Fulton Thermal Energy Equipment Co., Ltd

(21) 2021104649 (22) 28.07.2021

(54) Heat Exchanger

(71) Hangzhou Fulton Thermal Energy Equipment Co., Ltd

(21) 2021104678 (22) 28.07.2021

(54) Boiler Based on Multi-channel Gas Pipeline

(71) Hangzhou Fulton Thermal Energy Equipment Co., Ltd

(21) 2021104857 (22) 03.08.2021

(54) Combustion Gas Supply System and Fluid Heating System

(71) Hangzhou Fulton Thermal Equipment Co., Ltd.

(21) 2021104342 (22) 20.07.2021

(54) A Burner Nozzle

(71) Hangzhou Fulton Thermal Equipment Co., Ltd.

(21) 2021104354 (22) 20.07.2021

(54) A Venturi Tube With Regulatable Air-fuel Ratio

(71) Hangzhou Shixiang Technology Co., Ltd

(21) 2021104843 (22) 02.08.2021

(54) Security Monitoring Device for Digital Park

(71) Hangzhou Shixiang Technology Co., Ltd

(21) 2021104846 (22) 02.08.2021

(54) Display device for digital campus monitoring

(71) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.

(21) 2021104253 (22) 16.07.2021

(54) Fluorescence immunochromatography test strip for detecting trypsin and use thereof, and trypsin detection method

(71) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.

(21) 2021104254 (22) 16.07.2021

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(21) 2021104072

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(21) 2021104409

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(21) 2021104413

(71) He, Y.; Li, B.; Xiang, S.
(21) 2021104434 (22) 22.07.2021
(54) An Intelligent Pill Organizer

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(21) 2021104306

(71) Hearn, D.; Crowhurst, S.
(21) 2021104227 (22) 16.07.2021
(54) APPARATUS FOR LOCATIONAL CONTROL OF ANIMAL VOIDING AND METHOD THEREFOR

(71) Hebei Chest Hospital
(21) 2021104150 (22) 14.07.2021
(54) STEREOSCOPIC PUNCTURE POSITIONING DEVICE BASED ON DOUBLE GRID PLATES
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(21) 2021104186

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(21) 2021104086

(71) Heilongjiang Bayi Agricultural University; Heilongjiang Academy of Land Reclamation Sciences
(21) 2021104086 (22) 13.07.2021
(54) DETECTION REAGENT FOR FLUORESCENT DUPLEX PCR FOR CLASSICAL SWINE FEVER VIRUS AND AFRICAN SWINE FEVER VIRUS, KIT, AND DETECTION METHOD

(71) Heilongjiang Bayi Agricultural University
(21) 2021104597 (22) 27.07.2021

(54) Agar-based natamycin antibacterial membrane and preparation method thereof

(71) Heilongjiang Bayi Agricultural University
(21) 2021104598 (22) 27.07.2021
(54) Method for Detecting Trans Fatty Acid Content in Coarse Cereal Biscuits

(71) Heilongjiang River Fisheries Research Institute, Chinese Academy of Fishery Sciences
(21) 2021104677 (22) 28.07.2021
(54) Method for ploidy identification of salmon and trout embryos in vivo

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(21) 2021104034 (22) 10.07.2021
(54) SMART HEALTHCARE SYSTEM FOR MONITORING AND CONTROL OF THE INDOOR ENVIRONMENT USING IOT TECHNOLOGY AND ARTIFICIAL INTELLIGENCE

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(21) 2021104437

Henan Luanlu Expressway Construction Co., Ltd. see Yunnan Communications Investment & Construction Group Co., Ltd.
(21) 2021104707

(71) Henan University of Technology
(21) 2021104098 (22) 13.07.2021
(54) Stable compound sesame paste

Henghe Materials & Science Technology Co., Ltd. see Ningbo Polytechnic
(21) 2021104804

(71) Hindustan Institute of Technology and Science
(21) 2021104162 (22) 15.07.2021
(54) A TRUST BASED CLUSTERING PROTOCOL

H J, M.Y. see K, D.H.
(21) 2021104445

(71) hong, t.
(21) 2021104709 (22) 29.07.2021
(54) A SIMPLE METHOD FOR MEASURING THE CONTENT OF MICRO-FINE PARTICLES

(71) hong, t.
(21) 2021104710 (22) 29.07.2021
(54) A device for on-line measuring spigot inner diameter of hydro-cyclone

(71) Hong, T.
(21) 2021104520 (22) 24.07.2021
(54) A method for recovery of weak magnetic iron materials

(71) Hong, T.
(21) 2021104621 (22) 27.07.2021
(54) A quick lubricating-oil-cooling device for the hydraulic cone crusher

(71) Hong, T.
(21) 2021104622 (22) 27.07.2021
(54) An Automatic Ore-discharging Chute

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
(21) 2021104839 (22) 02.08.2021
(54) MORCHELLA EXTERNAL ASSISTANCE NUTRITION BAG FORMULA AND PREPARATION METHOD THEREOF

Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province see huaiyin normal university
(21) 2021104866

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
(21) 2021104867 (22) 03.08.2021
(54) METHOD FOR CULTIVATING MORCHELLA BY USING VEGETABLE GREENHOUSE IN SLACK WINTER SEASON

(71) huaiyin normal university; South China University of Technology; Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
(21) 2021104866 (22) 03.08.2021
(54) METHOD FOR CULTIVATING MORCHELLA INDOORS

(71) Huangshan Tianzhidu Environmental Technology Development Co., Ltd.
(21) 2021104807 (22) 02.08.2021
(54) Lift Valve Device Used in Corrosive Gas
(31) 202011088665.4 (32) 13.10.20 (33) CN

(71) Huazhong Agricultural University; Jiangsu Union Institute of Translational Medicine Co., Ltd.
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(54) A Gas-Driven Targeting Nanomaterial, Its Preparation Method And Application

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Huazhong University of Science and Technology see CHINA ELECTRIC POWER RESEARCH INSTITUTE CO., LTD. (21) 2021104699	(71) Inner Mongolia Medical University (21) 2021104602 (22) 27.07.2021 (54) Multifunctional tea-alcohol therapeutic suit	(71) Institute of Grain and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences (21) 2021104500 (22) 23.07.2021 (54) HERBICIDAL COMPOSITION CONTAINING FLUFENACET AND PYROXASULFONE
(71) Hubei Xinyangfeng New Building Material Technology Co., Ltd. (21) 2021104432 (22) 22.07.2021 (54) SPHERICAL PHOSPHOGYPSUM, AND PREPARATION METHOD AND USE THEREOF (31) 202110446425.5 (32) 25.04.21 (33) CN	(71) Inner Mongolia Medical University (21) 2021104603 (22) 27.07.2021 (54) Mongolian Medicine Suction Type Blood Sampler	(71) Institute of Mountain Hazards and Environment, Chinese Academy of Sciences (21) 2021104339 (22) 20.07.2021 (54) Simulation device and experimental methods for water movement on hill-slope with complex structure of plant root and rock fragment
(71) Humphreys, A.; Kane, J. (21) 2021104389 (22) 21.07.2021 (54) Control Valve Sealing Device	(71) Inner Mongolia Puze Biological Products Co. Ltd. (21) 2021104853 (22) 03.08.2021 (54) GYNECOLOGICAL MICROECOLOGICAL ANTIBACTERIAL PREPARATION AND APPLICATION THEREOF	(71) Institute of Nanfan#Seed Industry, Guangdong Academy of Sciences (21) 2021104714 (22) 29.07.2021 (54) A METHOD FOR IDENTIFYING BACTERIAL INFECTION TYPES BASED ON DUCKWEED (31) CN202110665928.1(32) 16.06.21 (33) CN
(71) Hunan Sanfeng Vanadium Industry Co., Ltd. (21) 2021104491 (22) 23.07.2021 (54) Method for Preparing Bismuth Vanadate of Persimmon Red and Use of Bismuth Vanadate of Persimmon Red as Pigment	(71) Innovactiv Inc (21) 2021104754 (22) 30.07.2021 (54) COMBINATION OF ASCOPHYLLUM NODOSUM AND/OR FUCUS VESICULOSUS EXTRACT AND FLOUR AND ITS USE THEREOF IN GLYCEMIC AND WEIGHT MANAGEMENT	Institute of traditional Chinese medicine, Hubei Academy of Agricultural Sciences see Academy of Agricultural Sciences of Enshi Tujia and Miao Autonomous Prefecture (21) 2021104815
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Hussain, B. see Shameer, P.M. (21) 2021103853	(71) Institute of Bioengineering, Guangdong Academy of Sciences (21) 2021104715 (22) 29.07.2021 (54) A METHOD FOR DETECTING THE COLONIZATION ABILITY OF BACTERIA IN SPIRODELA POLYRRHIZA (31) CN2021106676107 (32) 16.06.21 (33) CN	J., S. see K., H. (21) 2021103986
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(71) Icetana Limited (21) 2021103923 (22) 07.07.2021 (54) VIDEO DISPLAY SYSTEM		

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(21) 2021104108 (22) 13.07.2021
(54) AN AUTOMATED IRIS RECOGNITION BASED AUTHENTICATION AND GENDER CLASSIFICATION USING NEURAL NETWORK FOR CYBER SECURITY INVESTIGATION

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(21) 2021104409

(71) Jahangir, M.A.; Taleuzzaman, M.; Saleem, S.; Ahmad, K.
(21) 2021104076 (22) 13.07.2021
(54) Sitagliptin loaded polymeric nano scaffold for enhanced anti-diabetic performance

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(21) 2021104032 (22) 10.07.2021
(54) SMART REMOTE SENSING DEVICE FOR MANAGEMENT OF COVID PATIENTS

Jain, S. see L.K, J.G.
(21) 2021104203

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(21) 2021104463

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(21) 2021104045

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(71) Jayasudha, M.; Banu, W.A.; Sonya, A.; Azath, H.; Viswanathan, S.K.; Dineshkumar, C.; Shakkeera, L.; Vali, Y.S.
(21) 2021104206 (22) 15.07.2021
(54) PREDICTING COVID-19 INFECTED PATIENTS BASED ON MACHINE LEARNING IN HEALTHCARE MODEL

Jeba Shalin, M. see Verma, S.
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(71) Jeet, R.; Patil, S.; Patro, R.; Patro, R.; Kumar, P.; Patel, J.; Patel, M.; Ganapathy, A.; Doewes, R.; Azad, C.
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(21) 2021103988

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(21) 2021104154

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(71) Jiangsu University
(21) 2021103976 (22) 08.07.2021
(54) Asthma diagnosis system based on decision tree and improved SMOTE algorithm
(31) 202110302072.1 (32) 22.03.21 (33) CN

(71) Jiangsu Xuhuai Region Xuzhou Agriculture Science And Technology Inst Jjiangsu Xuzhou Sweetpotato Res
(21) 2021104553 (22) 26.07.2021

(54) Breeding method of sweet potato varieties with high quality, disease resistance and high yield

(71) Jiangxi Agricultural University
(21) 2021104496 (22) 23.07.2021
(54) Method for preventing green tea beverages from browning

(71) Jiangxi Agricultural University
(21) 2021104551 (22) 26.07.2021
(54) Enterobacter ludwigii PN6 and its application

(71) Jiangxi Agricultural University
(21) 2021104567 (22) 26.07.2021
(54) A strain of Burkholderia lata PN1 and its application

(71) Jiangxi University of Finance and Economics
(21) 2021103850 (22) 03.07.2021
(54) A novel image encryption scheme based on the internal characteristics of the light field image

(71) Jiangxi University of Science and Technology
(21) 2021104483 (22) 23.07.2021
(54) EXPERIMENTAL DEVICE FOR SIMULATING INFLUENCE OF SEA WATER FLUCTUATION IN DEEP-SEA MINING ON PIPELINE

Jiddu, J. see Gupta, A.K.
(21) 2021104045

(71) Jilin university
(21) 2021104680 (22) 28.07.2021
(54) Preparation and Supply System of Bubble Flow Premixed Hydrocarbon Fuel and Control Method Thereof

(71) Jilin University
(21) 2021104652 (22) 28.07.2021
(54) TEACHING METHOD BASED ON EBBINGHAUS FORGETTING CURVE AND NETWORK TEST QUESTION BANK

(71) Jilin University
(21) 2021104697 (22) 29.07.2021
(54) Adjustable Small-sized Rock Sample Cutting and Grinding Integrated Device

(71) Jilin University
(21) 2021104794 (22) 02.08.2021
(54) Stage-wise stochastic inversion identification method of aquifer structure based on deep learning

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(21) 2021104610 (22) 27.07.2021
(54) Lamb thermal insulator

(71) Qingdao Agricultural University
(21) 2021104611 (22) 27.07.2021
(54) Novel Fence for Epidemic Prevention of Sheep

(71) Qingdao Agricultural University; Qingdao Jiazhi Biotechnology Co., Ltd.
(21) 2021104612 (22) 27.07.2021
(54) Deflation needle for cattle

(71) Qingdao Agricultural University
(21) 2021104651 (22) 28.07.2021
(54) Forage Grass Sampling Scissors

(71) Qingdao Agricultural University; China Animal Health and Epidemiology Center; Qingdao Jiazhi Biotechnology Co., Ltd.
(21) 2021104653 (22) 28.07.2021
(54) Rope-type Retainer

(71) Qingdao Agricultural University
(21) 2021104705 (22) 29.07.2021
(54) Intelligent potato reseeding machine with missing sowing detection and re-seeding functions

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(21) 2021103851 (22) 03.07.2021
(54) BEETLEAF REMOVING AND TOP CUTTING MACHINE

(71) QINGDAO AGRICULTURAL UNIVERSITY
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(54) GARLIC SEEDING MACHINE AND PLANTING METHOD THEREOF

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021103914 (22) 07.07.2021
(54) PNEUMATIC VEGETABLE SEEDER

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021103915 (22) 07.07.2021
(54) DOUBLE-WING TYPE MULTIFUNCTIONAL WATER SUPPLY PIPE AND PROCESSING METHOD THEREOF

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021104005 (22) 09.07.2021
(54) AUTOMATIC ORCHARD PICKING OPERATION PLATFORM

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021104006 (22) 09.07.2021
(54) DISTURBING EXCAVATING DEVICE

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021104007 (22) 09.07.2021
(54) DRIP-SPRAY DOUBLE-EFFECT WATER SUPPLY PIPE AND PROCESSING METHOD THEREOF

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021104008 (22) 09.07.2021
(54) MULTIFUNCTIONAL WELSH ONION COMBINE HARVESTER

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021104110 (22) 13.07.2021
(54) WELSH ONION COMBINE HARVESTER

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(71) Qingdao University of Science & Technology
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(54) An IoT controlled tilt indicating device

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(71) Sahoo, D.S.
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(54) FRUIT AND VEGETABLE SEED EX-
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Industry Group Co., Ltd.; Shandong
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Co., Ltd.
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AND VEGETABLE SEEDS

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Industry Group Co., Ltd.; Shandong

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Co., Ltd.

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(54) MOLECULAR MARKER FOR FUSARI-
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(71) Shandong Shouguang Vegetable Seed
Industry Group Co., Ltd.; Shandong
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(54) HIGH-THROUGHPUT MOLECULAR
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OD AND USE THEREOF

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Industry Group Co., Ltd.; Shandong
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Co., Ltd.
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Construction Design & Research Institute
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stitute of Geography and Agroecology,
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TION PLATFORM FACING TOWARD A
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2021103849	Southwest University	2021103937	SRIRAM, P.; MANIKANDAN, E.; ASHOK, K.; RAVI-MANICKAM, T.
2021103850	Jiangxi University of Finance and Economics	2021103939	Nehemiah, E.; Chouhan, A.; Maroo, A.; Bhargava, Y.; Aggarwal, N.
2021103851	QINGDAO AGRICULTURAL UNIVERSITY	2021103940	BENDI, R.; MALLA, R.; DANABALA, N.D.; BHAGAVATULA, U.R.; PURNIMA, K.; DOGGA, A.D.; DURGESWARI, L.; VOONNA, T.R.; BHARGAVI, K.; GOUTHAMSRI, S.
2021103852	QINGDAO AGRICULTURAL UNIVERSITY	2021103941	Bharti, P.K.; Goyal, A.; Haque, M.; Somani, P.; Ali, S.; Parmar, S.; Singh, P.; Devi, P.S.; Musale, M.; Mudliar, A.; Badole, A.
2021103853	Shameer, P.M.; K, R.; C, S.; M, V.; Hussain, B.; G, V.; Venkatachalam, M.; N, V.; C, N.; S, J.; A, J.; G, P.	2021103942	Sharma, P.; Shinde, G.; Mahalle, P.N.; Biswal, B.N.; Raj, B.; Singh, P.K.; Singh, P.N.; Sarkar, B.K.; Singh, R. K R, R.; S V, S.; P, S.
2021103854	ACHARJEE, J.	2021103943	Kapoor, U.; Prasad Meena, R.; Pratip Ray, A.; Tiwari, A.; Jindal, L.; Beriwal, P.; Rajendran, R.; Goda, N.R.; Mitra, A.; Gupta, A.; Kaur, A.; Kumar, P.
2021103855	Sharma, A.	2021103944	Kapoor, U.; Gulati Ahuja, D.; Krishnan Rajagopal, N.; Pallathadka, H.K.; Saini, A.; Annapurna, A.; Mathur, G.; Solomon, P.; Kumar, G.V.
2021103856	Singh, P.K.; Singh, R.S.; Singh, S.; Singh, A.; Paliwal, S.; Singh, A.; Singh, S.	2021103945	Yadav, E.; Mishra, N.; Kumar, P.B.; Singh, A.; Garg, A.; Shukla, A.
2021103857	Wal, P.; Saurabh, S.; Kapoor, A.; Prajapati, S.K.; Pant, N.C.; Katiyar, A.	2021103946	Dalian Maritime University
2021103865	P, R.B.; E, S.R.	2021103947	Purna Prasad, A.; Kapoor, U.; Pallathadka, H.K.; Karthik, S.; Rajendran, R.; Khare, J.; S N, N.; Sharma, S.; Solomon, P.; Kaur, M.; Pratip Ray, A.; Ramakrishnan, H.
2021103884	Mishra, S.; Panda, S.; Mohanty, M.N.	2021103948	Shukla, V.; Rajesh, A.; Kapoor, U.; Kotha, M.K.; P. Thakre, M.; Verma, G.; Pallathadka, H.K.; Ganapati Naik, S.; Verma, H.; Kumar Agarwal, A.
2021103897	Singh, A.; Rai, A.K.; Kumar, G.; Bhattacharya, A.; Singh, S.S.; Birla, H.; Baruah, H.D.; Sinha, A.K.; Mukherjee, S.; Bajpai, B.K.	2021103950	Kumari, N.; P, V.; Kapoor, U.; Ganguly, M.; Pallathadka, H.K.; Vishwakarma, V.; Sharma, S.; Sethi, M.; Verma, P.; Ramakrishnan, H.; Ganapati Naik, S.
2021103904	BADASHAH, S.J.; MISHRA, G.P.; KOMMA, V.N.; BASHA, A.M.M.; RAJAIAH, M.; MEENA, I.; B, N.; MANIKANDAN, J.; R, V.K.; KUMAR, S.V.; PATEL, G.C.M.; LAKSHMIKANTHAN, A.	2021103951	Kapoor, U.; Mathur, A.; Kumari, N.; Jindal, L.; Gulati, K.; Sajjan, V.; Devi B Devaru, S.; Rahul, S.; Mitra, A.; Sharief, S.; Sharma, A.; Pallathadka, H.K.
2021103905	Kataria, A.; Makkar, S.; Rani, S.; Tiwari, R.; Sidhu, N.; Mittal, P.	2021103952	Shelke, C.J.; Padmanabhan, S.; Revathy, M.
2021103906	Roorkee Institute of Technology	2021103953	Zhejiang Gongshang University
2021103907	Dubey, V.; Tiwari, M.; Yadav, H.; Laeeq, S.	2021103954	Chansoriya, M.; MISHRA, P.; Khare, A.; Verma, S.; Sharma, P.; Johri, S.; Kashyap, H.
2021103908	Roorkee Institute of Technology	2021103955	DUVVURU, R.; RAO PEDDADA, J.; BOYIDI, S.; RAO GUDIKANDHULA, N.; KODAMALA, P.; BANGARU, B.; KONDAPALLI, B.; MOTRU, V.R.; KOTE, A.; GODI, S.
2021103909	Roorkee Institute of Technology	2021103960	Netinovo Technologies(Shenzhen) CO., LTD
2021103910	Basavankattimath, M.; N., M.; Suresh, H.N.	2021103961	Shenyang Aerospace University
2021103911	Manipal University Jaipur	2021103962	Bethapudi, P.; Namana, M.K.; Padma, Y.; Nagendra Kumar, Y.J.; Saxena Das, S.; GANDI, N.; Badhan, A.K.; ADAPA, S.; Rao, P.S.
2021103912	Wal, P.; Shakya, A.; Khera, K.; Dubey, S.; Kannoja, P.; Kushwaha, S.K.S.; Rai, A.K.	2021103968	Singhal, P.K.; Singhai, R.; Singhai, J.; Kundu, S.K.; Shukla, P.K.
2021103913	Raaza, A.; Vora, R.T.; Abu Qadah, O.M.; Manotajasvini, N.; Mani, A.M.; Salam, A.F.; Padhy, D.; Thomas, A.Z.; Ramaswamy, L.N.; Thentral, T.M.T.	2021103969	Singh, R.
2021103914	QINGDAO AGRICULTURAL UNIVERSITY	2021103973	Kumar, P.; Alyami, H.; AlHarbi, A.; Jawale, K.J.; Chellappan, S.; Gupta, S.K.; M, N.; NA, R.; Singh, R.; G., P.; Manjunath, T.; Mahapatro, S.K.; Mohiddin, M.K.
2021103915	QINGDAO AGRICULTURAL UNIVERSITY	2021103974	Zhao, W.
2021103916	Kumar, P.S.; Reddy, S.L.P.; Rajakumari, K.E.; Sneha, Y.; Murthy, C.V.R.; Varigonda, R.; Pathuri, R.S.; Veladi, S.H.; Bhattacharya, S.; Dixit, C.K.; Mangal, A.; Gum-madi, A.K.	2021103976	Jiangsu University
2021103917	Verma, S.; Gupta, S.K.; Chourey, M.; Kushwah, S.S.; Bhatt, V.		
2021103918	BEIJING YOUAN HOSPITAL,CAPITAL MEDICAL UNIVERSITY; Beijing Institute of Hepatology; The First Affiliated Hospital, Zhejiang University School of Medicine; Xinqi Biomedical (Hangzhou) Co., Ltd.		
2021103919	The First Affiliated Hospital, Zhejiang University School of Medicine; BEIJING YOUAN HOSPITAL,CAPITAL MEDICAL UNIVERSITY; Beijing Institute of Hepatology		
2021103920	BEIJING YOUAN HOSPITAL,CAPITAL MEDICAL UNIVERSITY; Beijing Institute of Hepatology; The First Affiliated Hospital, Zhejiang University School of Medicine		
2021103923	Icetana Limited		
2021103925	Huazhong University of Science and Technology; STATE GRID XINJIANG ELECTRIC POWER CO., LTD. ELECTRIC POWER RESEARCH INSTITUTE; Wuhan Rikomay New Energy Co., Ltd.; YINLONG ENERGY CO.,LTD.; JIANGSU PYLON TECHNOLOGIES CO., LTD.		

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2021103977	Bonde, C.; Bhole, R.P.; Chikhale, R.V.	2021104032	Jain, A.; Verma, N.; Prajapati, S.K.; Yadav, A.; Tiwari, S.; Raj, H.
2021103978	Gansu Agricultural University	2021104033	L, J.; S, J.; U, S.
2021103979	GuiZhou Normal University	2021104034	Hemalatha, S.; Nayak, B.; Joshi, R.; Sachan, S.; Srivastav K, E.A.; Kar, T.; Sinha, J.K.; Saxena, A.; Sak-sena, P.; Pandey, S.; Paul, N.; Mishra, S.
2021103980	Northwest Minzu University	2021104035	Gupta, A.; Husain, A.A.; Bhandari, A.; Kumar Saxena, M.; Kumar, S.
2021103981	Malviya, R.	2021104036	Bartlett, C.
2021103982	Southwest University	2021104037	Tiwari, S.; Bhardwaj, B.; Grover, N.; Chowdhary, M.; Azad, C.; Rani, P.; Kalyal, P.; Batra, N.; Sagar, P.; Ka-thuria, M.; Gandhi, P.; Kumar, S.; Jamal, K.
2021103983	Tiwari, S.; Sagar, S.; Talreja, S.; Rajan,, N.	2021104038	Batra, S.; Dhull, S.; Garg, P.; Sukhija, N.; Gahlot, A.
2021103984	Southwest University	2021104039	Singh, P.
2021103985	Southwest University	2021104040	singh, Y.; Rathore, V.
2021103986	K., H.; M., S.; KAMARAJ, R.; J., S.; SARADA, M.; KHAN, N.; N., B.; N, N.; P., D.; RAJKAMAL, M.; S., K.; V., B.	2021104041	Tiwari, A.K.; Tiwari, G.; Ramachandran, V.; Tiwari, R.
2021103987	Singh, K.; Mishra, S.; Mohanty, R.C.; Shial, M.; Biswal, S.K.	2021104042	Muduli, K.; Dash, M.; Sahoo, K.K.; Sahoo, D.S.; Das, R.P.; Aich, S.
2021103988	Krishnan, R.; Narayanan, K.; Jeyakumar, K.; Karpaga-rajesh, G.; Sangeetha, A.; Rajkumar, G.; Baulkani, S.; Murali, S.; Asirvatham, M.; Essakimuthu, A.	2021104043	Verma, N.; Tomar, V.; Verma, P.; Fateh, M.; Singh, A.P.; Chaturvedi, P.K.
2021103989	Singh, R.; Gautam, B.S.; Chandra, S.; Ray, S.K.	2021104044	Nayyar, A.; Singh, A.; Garg, A.; Kumar, A.; Singh, P.
2021103990	Barak, M.S.; Kumar, A.; Saini, M.; Pathania, V.; Garg, R.; Kumari, S.; Kumar, A.; Kumar, R.; Gupta, V.	2021104045	Gupta, A.K.; Devi, G.; Kumari, P.L.; Kumar, D.; Krishna, B.; Vani, G.; Jiddu, J.; Mahapatra, S.; Satpathy, R.; Jaiswal, T.; Jaiswal, S.; S, A.
2021103991	Shaikh, S.B.; Badashah, S.J.; Kumar, B.P.S.; Ramanai-ah, K.V.; Raju, M.J.; G Kudamble, B.; Faruq, S.U.; Hus-sain, Z.; Aejaz Aslam, H.	2021104046	Mishra, A.; Sirbaiya, A.K.; Dash, P.P.; Verma, S.; Par-ida, S.K.
2021103992	Jogaiah, S.	2021104047	Clissold, S.
2021103993	Chaware, T.; Yadav, K.	2021104048	Yadav, V.K.; Kumar, P.; Prajapati, R.; Yadav, V.K.; Gupta, R.; Bhardwaj, P.
2021103994	Mangai, J.A.; Balamurugan, S.A.; Rego, J.	2021104049	Delpachitra, S.
2021103995	Gadde, S.K.; Kumar, M.; Azad, C.; Doewes, R.; Ku-mar, S.; Chowdhury, S.; Nayak, N.; Guhathakurta, R.; Rathore, N.; Pandey, R.	2021104057	Acoustic Space Pty Ltd
2021103996	Jeet, R.; Patil, S.; Patro, R.; Patro, R.; Kumar, P.; Patel, J.; Patel, M.; Ganapathy, A.; Doewes, R.; Azad, C.	2021104059	Gokhale, P.; Kulkarni, P.; Prabhu, A.; Lingannavar, R.; Kamble, S.
2021103997	Chandiran, I. S.; Sharma, M.; Soubache, I.D.; Sneha, Y.; Bindu, P.; Raman, S.; Mangal, A.; Padmanayaki, S.; Bhattacharya, S.; Bora, A.; Dixit, C.K.; Swamy, B.V.	2021104060	ZHONGKE INFORMATION SECURITY COMMON TECHNOLOGY NATIONAL ENGINEERING RE-SEARCH CENTER CO., LTD.
2021103999	Shanghai Squirrel Classroom Artificial Intelligence Technology Co., Ltd.	2021104065	North China University of Science and Technology
2021104000	Planet Acoustic and Architecture Pty Ltd	2021104066	North Sea United Trade Pty Ltd
2021104001	Mohamadali Poursani, E.; Mehravar, M.; Mowla, S.J.	2021104067	Bocko Pty Ltd; Flexsky Pty Ltd
2021104002	Abed, B.	2021104068	WATSON, K.J.
2021104005	QINGDAO AGRICULTURAL UNIVERSITY	2021104069	WATSON, K.J.
2021104006	QINGDAO AGRICULTURAL UNIVERSITY	2021104070	Singh, A.; Rai, A.K.; Kumar, G.; Tiwari, R.; Asthana, S.; Bhargava, P.; Choudhary, B.; Tripathy, D.; Gupta, A.; Shukla, S.
2021104007	QINGDAO AGRICULTURAL UNIVERSITY	2021104071	Kumar, A.; Verma, A.; Upaganlwar, A.; Sharma, P.; Tiwari, S.; Upasani, C.
2021104008	QINGDAO AGRICULTURAL UNIVERSITY	2021104072	Bhaskar, T.; Bhatnagar, S.; B, P.; Rane, K.P.; Prakash, A.; Hati, A.S.; Balasubramaniyan, K.; Karthikeyan, V.; Navuluri, M.; Acharjya, P.P.; Gagnani, L.P.; Chakrabarti, P.
2021104009	Morgan, I.	2021104073	Escobar, C.R.; Toledo, M.R.; Jaña, T.F.; Gaete, C.C.; Cancino, R.C.; Pérez, A.M.
2021104012	Tan, J.	2021104074	SHARMA, R.; UPADHYE, V.; JAGDISH SHARMA, R.; SAHEBRAO PATIL, H.; SHARMA PADROO, B.; KAUR, J.; Singh, J.; Kataria, R.; Singh, C.; Sangeetha, S.
2021104017	Acharya, B.; Kuanr, M.; Patra, T.K.; Mohapatra, P.; Ma-hapatra, S.; Rai, P.; Sahu, A.	2021104075	Kanti Dey, A.
2021104018	NewSouth Innovations Pty Limited	2021104076	Jahangir, M.A.; Taleuzzaman, M.; Saleem, S.; Ahmad, K.
2021104019	Nakhate, K.; Badwaik, H.; Nagori, K.; Sharma, M.; Sak-ure, K.; Verma, V.S.; Roy, A.; Verma, E.L.; Rathor, S.; Ajazuddin, M.	2021104077	Southwest University
2021104020	Southwest University	2021104078	Borole, Y.; Patro, R.; Ganavdiya, S.; Kumar, M.; Nigam, U.; Tiwari, K.; Majumder, K.; Thirupathi, L.; Gangula, R.; Gattoju, S.; Shrivastava, A.
2021104021	ZHONGYUAN INSTITUTE OF ZHEJIANG UNI-VERSITY; ZHEJIANG UNIVERSITY	2021104079	Nayyar, A.; P, R.; Supriya, M.; Patil, S.; Karchi, N.
2021104022	Srivastava, A.; Singh, S.P.; Kumar, A.; Fateh, M.; Pant, N.C.; Kashyap, S.	2021104080	Liu, C.
2021104023	Thomas, B.J.; Joseph, N.	2021104082	Wang, X.
2021104024	Latha, C.J.; Sai, K.; Sankriti, R.; P, D.; Venkatesan, S.; Sairam, T.V.M.; Kumar, P.S.; David, A.; Nalluri, S.; Vani, S.	2021104086	Heilongjiang Bayi Agricultural University; Heilongjiang Academy of Land Reclamation Sciences
2021104025	Pandit, V.	2021104089	Shanghai Ocean University
2021104026	Ghatak, S.; Bhattacharjee, D.	2021104090	Shanghai Ocean University
2021104027	A. Aminu, M.	2021104091	Ranjan, O.P.; Upasani, C.D.; Patil, V.M.; Tiwari, M.; Tiwari, S.; Talreja, S.
2021104028	P. Kende, P.; Sarda, A.; Landge, J.S.; Kende, M.; B.Wadewale, M.; Kri, M.	2021104092	China University of Petroleum (East China)
2021104029	Amutharaj, J.; Usha, S.; Anitha, J.; Bhuvaneswari, P.; T, K.; S, V.; D.N, B.L.; Nayagam, M.G.; Poornima, I.G.A.; C V, P.; C, N.M.; Subburaj, T.		
2021104030	Devi, M.P.; Mehbodniya, A.; Gandhar, S.; Majji, S.; Srivastava, A.; Sathya, T.; Nandankar, P.; Gowrishank-ar, V.; Hussain, S.; Goyal, M.		
2021104031	GIFT LABEL CO. PTY LTD		

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2021104094	Beijing Institute of Technology, Zhuhai	2021104166	Mishra, A.; Singh, A.; Shukla, S.; Badal, S.; Singh, P.;
2021104095	LIU, Z.		Tiwari, A.; Singh, N.; Tripathi, A.
2021104096	Subashini, S.; Kaur, S.; Bajwan, D.; Singh, S.; Thakur, N.; Verma, S.; Abbasi, A.; Sharma, B.; Kumari, H.	2021104167	Tianjin University
2021104097	Verma, S.; Subashini, S.; Simon, N.H.; Danasu, R.; Sreeraja Kumar, R.; Sharma, S.; Venkatesh, L.; Ian Clement, A.; Jeba Shalin, M.; Sathish kumar, J.	2021104174	N & E Bowder Pty Ltd
2021104098	Henan University of Technology	2021104176	WE ARE YORK PTY LTD
2021104099	Southwest university	2021104186	SOUTH CHINA BOTANICAL GARDEN,CAS; Hebei qugang Expressway Development Co., Ltd.
2021104100	Garg, A.; Singh, U.; Upadhyay, A.	2021104193	Wal, A.; Chakraborty, G.; Sharma, A.; Kosey, S.; Samad, A.; Sachan, K.; Pandey, P.
2021104101	Gardiner, A.	2021104194	Goaiz, H.
2021104102	Deore, P.; Bhole, P.; More, S.; Patil, S.; Jadhav, J.; Patil, V.; Patil, S.; Sonawane, K.; Lokhande, N.; Patil, B.; Patel, M.; Patil, V.; Goad, P.	2021104195	Nguyen, V.
2021104103	Manipal University Jaipur	2021104197	BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA
2021104104	Manipal University Jaipur	2021104199	Tobacco Research Institute of Chinese Academy of Agricultural (Qingzhou Tobacco Research Institute of China National Tobacco Company)
2021104105	WORLD FIELD (AUST) PTY. LTD.	2021104200	Coach & Co. Pty Ltd
2021104106	PRIYA, A.; VARMA, A.; NAGARAJU, P.; DURGA, V.B.N.; DEVI, V.; SRILAYA, P.; GAYATHRI, B.; LIKHITHA, B.; PRASANNA, P.; MOUNIKA, M.; SINDHU, C.S.; SRAVANI, M.; DEVI, I.; SRAVANI, C.; PRATYUSHA, N.	2021104201	Totewad, N.D.; Saranraj, P.; Pathak, A.; Manjramkar, V.; Balasaheb, J.V.; Kamble, G.T.
2021104107	Upreti, K.; Raut, R.D.; Raut, A.D.; Gupta, S.; Agrawal, C.P.; Bansal, M.; Chaudhary, D.; Suthar, N.K.	2021104202	Kumar, S.; Kumar, M.; Dubey, K.K.; Gupta, K.D.; Praveen, S.; Kumar, V.; Yadav, S.; Pathak, P.N.; Kumar, A.; Shukla, A.K.
2021104108	JAGADESH, B.; KUMAR, K.; YERRAMSETTI, Y.; AKSHAYA, K.; CHANDRIKA, K.; LAKSHMI, M.; DANGETI, S.; MADDURI, N.; SAMYUKTHA, V.; INDANA, R.; SAKKUBAI, Y.; VARMA, V.; PRANEETHA, P.; SRINIDHI, G.; JAGAN, M.	2021104203	L.K, J.G.; Bose, S.C.; Tank, K.P.; S., M.; Mamodiya, U.; Kumar, A.; M.B., S.; Saxena, K.; Gupta, S.; Sheikh, T.H.; Upadhyaya, N.; Jain, S.
2021104109	ZOU, Y.	2021104204	Dakshina Murthy, N.R.
2021104110	QINGDAO AGRICULTURAL UNIVERSITY	2021104205	Simpson, R.
2021104126	Guang'an People's Hospital	2021104206	Jayasudha, M.; Banu, W.A.; Sonya, A.; Azath, H.; Viswanathan, S.K.; Dineshkumar, C.; Shakkeera, L.; Vali, Y.S.
2021104130	Shandong Agricultural University	2021104207	KUSHWAHA, S.K.S.; PANDEY, P.; AGARWAL, A.K.; a, K.; TAGDE, P.; SHARMA, P.K.; SINGH, S.
2021104131	Cybertechpro Pty Ltd	2021104208	Chellappan, S.; Vikram, S.; Medatwal, C.; Vajpai, J.; Bansal, D.; Tanwar, P.; J., S.S.; Nanda, S.; G., P.; Manjunath, T.; Khare, N.; Gaur, A.; Srinivas, C.
2021104135	Shandong Agricultural University	2021104209	Rose, A.
2021104136	SUNGROW (SHANGHAI) CO., LTD.	2021104210	M, B.; P, S.
2021104137	DEEPIFAR OCEAN TECHNOLOGY INC.	2021104211	D&J Innovations Pty Ltd
2021104138	NANO HOME LOANS PTY LTD	2021104212	Liupattana, C.
2021104142	Trent Bridge (VIC) Engineering Pty Ltd	2021104213	Aligarh Muslim University, Aligarh, India
2021104143	Tay, E.	2021104216	Sensory Pod Australia Pty Ltd
2021104144	China Petroleum & Chemical Corporation; Research Institute of Exploration and Development, Jiangnan Oil-field Branch, Sinopec	2021104221	Kunming University of Science and Technology
2021104145	SHANDONG UNIVERSITY OF TECHNOLOGY	2021104223	Tarim University
2021104147	Shanghai Sunpai Trading Limited	2021104227	Hearn, D.; Crowhurst, S.
2021104148	Jinggangshan Institute of Biotechnology; Institute of biological resources, Jiangxi Academy of Sciences	2021104230	ZHEJIANG DONGTONG IOT TECHNOLOGY CO., LTD.
2021104149	Chengdu Agricultural College	2021104238	Creative Cuisine (Australia) Pty Ltd
2021104150	Hebei Chest Hospital	2021104247	F.V. Bilotto Nominees Pty Ltd
2021104151	Manipal University Jaipur	2021104248	Guangxi Medical University
2021104153	Ramu, V.; Srikanth, B.; Reddy, D.R.K.; Kumar, K.P.; B, C.; Kumar, K.V.; Reddy, C.P.	2021104249	Beijing Research Center of Intelligent Equipment for Agriculture
2021104154	Saraswat, N.; Pandey, A.; Agarwal, K.; Jawaid, T.; Verma, S.; Jha, S.K.; Yadav, M.	2021104251	Beijing Research Center of Intelligent Equipment for Agriculture
2021104155	Mishra, R.; Joshi, R.K.	2021104253	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
2021104156	Sukanya, Y.; Raveendra, K.; Chenna Rao, P.; Veni, S.K.; Katragadda, R.; Bosebabu, P.; Jaya Sree, P.; Sridevi, S.; Rao, P.A.N.; Uma, D.; Das, R.P.	2021104254	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
2021104157	Gupta, S.; Mihir Bhamre, P.; Gambhir, M.	2021104259	Shellpalm Pty Ltd
2021104158	Gopal, S.; Somanathan, A.; Jeyakumar, R.	2021104267	Shanghai Ocean University
2021104159	Prabha, V.D.; Vidhya, E.; Narmadha, N.; Rathipriya, R.	2021104268	Shanghai Ocean University
2021104160	Anilkumar, T.V.; Prabhakaran, V.V.; Revi, D.; Ceethakulath Jamaludheen, J.M.	2021104284	Wise, G.
2021104161	KASHYAP, A.M.	2021104287	Optimal Vision Plus Pty Ltd
2021104162	Hindustan Institute of Technology and Science	2021104290	Nanjing Institute of Environmental Sciences, Ministry of Ecological and Environment; Nanjing Forestry University
2021104163	Wal, P.; K, H.J.; Kosey, S.; Saxena, B.; P, S.; Charan, C.S.; Upasani, C.D.	2021104294	Cybertechpro Pty Ltd
2021104164	BOOBA, B.; KALPANA, C.; SUJA, T.; RENUKA, P.; SANKAR, K.; C., A.; S., D.; M., M.; Kamatham, H.; Manoharan, H.; Kshirsagar, P.	2021104297	Butterworth, D.
2021104165	Bodade, R.	2021104298	Kuy, R.
		2021104301	OPELT, L.

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2021104304	GRAPHIC ERA (DEEMED TO BE) UNIVERSITY; GRAPHIC ERA HILL UNIVERSITY, DEHRADUN CAM- PUS	2021104438	Co., Ltd; Zhonglu Hi-Tech (Beijing) Highway Technology Co., Ltd
2021104306	MEDICAL-AI PTY LTD; Healea PTY LTD	2021104442	Dalian University of Technology
2021104307	Wuxi JHT Homewares Co., Ltd.	2021104445	Samanta, P.L.; Ranjan Jena, D.S.; Pradhan, D.J.; Prasad Adhikary, P.S.
2021104309	Wuxi JHT Homewares Co., Ltd.	2021104444	McCarthy, C.
2021104310	Wuxi JHT Homewares Co., Ltd.	2021104445	K, D.H.; H J, M.Y.
2021104314	Wuxi JHT Homewares Co., Ltd.	2021104447	Dr. Vishwanath Karad MIT World Peace University; Bansal, T.; Giri, R.; Razdan, S.
2021104315	Wuxi JHT Homewares Co., Ltd.	2021104450	Nanjing Institute of Environmental Sciences, Ministry of Ecological and Environment
2021104316	Wuxi JHT Homewares Co., Ltd.	2021104452	Dr. Vishwanath Karad MIT World Peace University; Sirsikar, S.; Kothari, M.; Deshpande, G.
2021104326	Davis, E.	2021104453	Owen, S.; Owen, T.
2021104329	Leedarson Lighting Fixtures Co., Ltd.	2021104454	CN TECHNOLOGY PTY. LTD.
2021104335	Bellee Australia Pty Ltd	2021104455	Yongchuan Power Supply Branch, State Grid Chongqing Electric Power Company
2021104339	Institute of Mountain Hazards and Environment, Chinese Academy of Sciences	2021104459	Sharma, A.
2021104341	Wenzhou-Kean University	2021104461	Prasad, A.P.; Kapoor, U.; N A, S.; N, R.; S, N.; K N, S.; K, P.; Srivastava, A.K.; Rao, D.S.; Kaur, M.; Kaur Bak- shi, P.; Kumar, R.; Reddy, N.S.
2021104342	Hangzhou Fulton Thermal Equipment Co., Ltd.	2021104462	Kapoor, U.; Kumari, S.; Srinivas, K.; Ganesh, K.; Gan- guly, P.; Singh Vij, T.; Chandra, A.; Lakhera, A.; Ra- makrishnan, H.; Pallathadka, H.K.; Mathur, G.; Bahadur, S.; Alexander, E.
2021104344	The First Affiliated Hospital of Dalian Medical University	2021104463	Kapoor, U.; Jain, R.; Singh, A.; N. A., S.; Saxena, C.; Chandra, D.; Rajesh, A.; Nathani, N.; Singh Rajpurohit, S.; Pallathadka, H.K.; Parekh, B.; Krishna Kotha, M.
2021104345	NINGBOTECH UNIVERSITY	2021104467	Institute of Urban Environment, Chinese Academy of Sciences
2021104349	Cripps Clark, J.	2021104469	XI'AN J.W. DRILLING MACHINES & TOOLS PRODUCTION
2021104354	Hangzhou Fulton Thermal Equipment Co., Ltd.	2021104470	Greenzone Pest Innovations Pty Ltd
2021104355	Dalian Ocean University	2021104474	WATSON, K.J.
2021104356	Qingdao University of Science and Technology	2021104476	ONCOSIMIS BIOTECH PRIVATE LIMITED
2021104368	Haddad, C.	2021104480	Thriller Innovations Inc
2021104372	Rocha, E.; Buckley, N.	2021104482	Rakesh, S.; Bharadhwaj, A.; Sreeharsha, E.
2021104382	Waddell, B.; Law, D.	2021104483	Jiangxi University of Science and Technology
2021104389	Humphreys, A.; Kane, J.	2021104484	Guangxi University; Guangdong Foundation Engineer- ing Group Co., Ltd.
2021104394	RAMESH, A.P.; CH., N.K.; KUSUMA, P.V.; TENALI, S.; SUBHASHINI, T.V.; MURTHY, S.; M, P.; KONDA, B.K.; DORA, R.; N, V.B.; T, S.L.; D, M.; V, S.; V, K.V.K.; C, A.P.	2021104485	Adimule, V.; C Yallur, B.; R Batakurki, S.; Challa, M.; D.H, M.; Sankannavar, R.; Joshi, R.; Gupta, P.; S Nandi, S.
2021104397	Huazhong Agricultural University; Jiangsu Union In- stitute of Translational Medicine Co., Ltd.	2021104486	Wenzhou Medical University
2021104398	Dalian University of Technology	2021104487	MUKHERJEE, M.; SEN, D.; BISWAS, S.; DEY, M.; BHATIA, D.; PHUKAN, P.
2021104400	Alshehri, M.D.	2021104488	Ramaji, S.K.; Saikia, L.C.; Dekaraja, B.; Babu, N.R.; Bhagat, S.K.; Behera, M.K.
2021104401	Dr. Vishwanath Karad MIT World Peace University	2021104489	Xinjiang University
2021104403	Dr. Vishwanath Karad MIT World Peace University	2021104490	Sahoo, D.S.
2021104404	Ajay, A.; Dahiya, D.; Sharma, J.; Grover, S.; Dogra, N.; Choudhary, T.; Kumar, B.; Dahiya, M.; Soni, H.; Mashinini, P.M.; Parveen, P.; Singh, V.	2021104491	Hunan Sanfeng Vanadium Industry Co., Ltd.
2021104405	Dr. Vishwanath Karad MIT World Peace University	2021104492	Shanghai Ninth People's Hospital, Shanghai JiaoTong University School of Medicine; Shanghai Jiao Tong Uni- versity; Shanghai Jiaoda Intellectual Property Manage- ment Co., Ltd.
2021104406	Manipal University Jaipur	2021104493	Shandong Hi-Speed Construction Management Group CO.LTD.; Shandong University
2021104409	Painuli, D.; kumari, S.; jain, H.; Champaty, B.; Dash, A.; Hati, A.S.; Mathur, M.; Jaglan, V.; Das, S.K.; Srinivasak- umar, K.; Misra, S.; Chakrabarti, P.	2021104496	Jiangxi Agricultural University
2021104411	Dr. Vishwanath Karad MIT World Peace University	2021104498	NewSouth Innovations Pty Limited
2021104413	Murugaiyan, C.; Patil, M.B.; Sharma, D.P.; Vanisree, K.; Prabhu, K.; Hati, A.S.; Kumar, C.M.; Singh, A.K.; Gautam, S.K.; Gure, A.T.; Ghosh, A.; Chakrabarti, P.	2021104499	China Railway 18th Bureau (Group) Co., Ltd.; China State Railway Group Co.,Ltd.
2021104417	Dr. Vishwanath Karad MIT World Peace University	2021104500	Institute of Grain and Oil Crops, Hebei Academy of Ag- riculture and Forestry Sciences
2021104418	Dr. Vishwanath Karad MIT World Peace University; Ra- man, V.; Agarwal, K.; Panchal, P.; Baraskar, T.; Shikal- gar, S.	2021104506	Fathinejadfard, M.
2021104420	Anatara Lifesciences Limited	2021104508	Worldwide Truss and Frames Pty Ltd
2021104421	Anatara Lifesciences Limited	2021104514	Qingdao Agricultural University
2021104422	Bock, T.	2021104515	Lin Yi University
2021104423	Design Furnishings	2021104520	Hong, T.
2021104428	InfraBuild Wire Pty Limited	2021104524	Growplay Pty Ltd
2021104429	Chinese Academy of Surveying and Mapping	2021104526	Growplay Pty Ltd
2021104430	Stay or Go Holdings Pty Ltd	2021104530	Growplay Pty Ltd
2021104432	Hubei Xinyangfeng New Building Material Technology Co., Ltd.	2021104531	Growplay Pty Ltd
2021104434	He, Y.; Li, B.; Xiang, S.		
2021104435	Delta Panels Pty Ltd		
2021104436	Wenzhou University; Tsinghua University; Shanghai CHINT Power Systems Co., Ltd.		
2021104437	Yunnan Communications Investment & Construction Group Co., Ltd.; Beijing Zhongyan Tiandi Technology Co., Ltd; Henan Luanlu Expressway Construction Co., Ltd; Yunnan Chuyao Expressway Construction Co., Ltd; Institute of Geology and Geophysics, Chinese Academy of Sciences; Yunnan Wuyi Expressway Construction		

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2021104542	Noronha, A.; Shahane, N.; Kambale, S.; Raj, R.; Velapure, M.	2021104612	Qingdao Agricultural University; Qingdao Jiazhi Biotechnology Co., Ltd.
2021104547	Nanjing Hydraulic Research Institute	2021104614	Madad Pty Ltd
2021104548	YANCHENG TEACHERS UNIVERSITY	2021104615	Institute of Agricultural Product Development and Food Science, Tibet Academy of Agricultural and Animal Husbandry Sciences, Lhasa
2021104549	Cybertechpro Pty Ltd		
2021104550	Taiyuan University of Technology	2021104616	Nanjing Forestry University; Aica Nanjing Co., Ltd
2021104551	Jiangxi Agricultural University	2021104617	SHEPHERD, M.K.
2021104552	Northwest A&F University	2021104618	GRAPHIC ERA (DEEMED TO BE) UNIVERSITY
2021104553	Jiangsu Xuhuai Region Xuzhou Agriculture Science And Technology Inst Jiangsu Xuzhou Sweetpotato Res	2021104619	Elson, P.
2021104554	Liaoning Weather Modification Office; Shenyang Institute of Atmospheric Environment, China Meteorological Administration	2021104620	Linyi University
		2021104621	Hong, T.
2021104555	Crop Research Institute, Shandong Academy of Agricultural Sciences	2021104622	Hong, T.
2021104556	Anhui Yongmin Seed Industry Co., Ltd	2021104623	Framecad Licensing Limited
2021104557	Young, A.	2021104624	Framecad Licensing Limited
2021104558	Central South University of Forestry and Technology; Yihua Lifestyle Technology Co., Ltd	2021104625	Framecad Licensing Limited
		2021104626	Framecad Licensing Limited
2021104559	Lanjiang Qinghu (Beijing) Technology Co., Ltd	2021104627	Framecad Licensing Limited
2021104560	Nanjing Forestry University; Shandong Xingang Enterprise Group Co. Ltd	2021104629	Framecad Licensing Limited
2021104561	Xinjiang University	2021104631	El Wazni, F.
2021104562	Guizhou Normal University	2021104633	Dairy Cow Research Center, Shandong Academy of Agricultural Sciences; Shandong Provincial Animal Husbandry General Station (Shandong Province Breeding Livestock and Poultry Quality Testing Station)
2021104563	Kosewski, C.		
2021104565	O'BRIEN, B.	2021104642	Shandong Weiheng Data Technology Co., Ltd.
2021104566	Xi'an Shiyou University	2021104643	Sungrow Renewables Development Co., Ltd.
2021104567	Jiangxi Agricultural University	2021104644	Halsall, S.
2021104568	RAO GUDIKANDHULA, N.; KONDAPALLI, B.; RATHANALA, P.; SUNNY DAYAL PENDURTHY, A.; MAMILAPALLI, S.; DANTURTI, S.; YALAMARTHY, Y.	2021104645	Simi, P.J.
		2021104646	Tianjin University
2021104570	Electro.Aero Pty Ltd	2021104647	Davies, D.
2021104571	Shanghai Squirrel Classroom Artificial Intelligence Technology Co., Ltd.	2021104648	Central South University
		2021104649	Hangzhou Fulton Thermal Energy Equipment Co., Ltd
2021104572	Lai, Y.; Yin, Z.; Li, R.; Dai, W.	2021104650	Getgood Pty. Ltd.
2021104574	Shihezi University	2021104651	Qingdao Agricultural University
2021104578	Young, A.	2021104652	Jilin University
2021104579	Young, A.	2021104653	Qingdao Agricultural University; China Animal Health and Epidemiology Center; Qingdao Jiazhi Biotechnology Co., Ltd.
2021104589	Zhejiang citrus research institute		
2021104590	Qingdao Agricultural University	2021104654	Dutton, C.
2021104591	Wuhan Huazhong University of Science and Technology Tes ting Technology Co., Ltd; Wuhan Municipal Construction Group Co. LTD; China Railway High tech Industry Co., LTD; China Railway Tunnel Co. LTD; School of Civil Engineering and Architecture, Wuhan University of Technology	2021104655	Downes, B.
2021104593	Qingdao Agricultural University; XinYuLong Marine Organisms Seed industry technology co., LTD; Dandong Zheng Run Food Co., Ltd	2021104656	Madad Pty Ltd
		2021104657	Menzies, G.; Menzies, T.
2021104594	Northwest A & F University	2021104658	China Urban Construction Design & Research Institute Co.,Ltd.; Shandong University
2021104595	Roberts, A.K.G.		
2021104596	Wenzhou Medical University; The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University	2021104659	Crop Research Institute, Shandong Academy of Agricultural Sciences
2021104597	Heilongjiang Bayi Agricultural University	2021104660	Madad Pty Ltd
2021104598	Heilongjiang Bayi Agricultural University	2021104661	SYSTEM STORMSEAL PTY LTD
2021104599	Zhejiang Tielu Clutch Co., Ltd	2021104663	Xi'an Jiaotong University
2021104600	Zhejiang Tielu Clutch Co., Ltd	2021104670	Stormtech Pty Limited
2021104601	Inner Mongolia Medical University	2021104671	KRS Valves Pty Ltd
2021104602	Inner Mongolia Medical University	2021104674	RCA Civil Group Pty Ltd
2021104603	Inner Mongolia Medical University	2021104677	Heilongjiang River Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021104604	Nankai University		
2021104605	Wenlan Qingjiang (Beijing) Technology Co., Ltd.	2021104678	Hangzhou Fulton Thermal Energy Equipment Co., Ltd
2021104606	Northwest A & F University	2021104679	Zhejiang Gongshang University
2021104607	Qingdao Agricultural University; Qingdao Jiazhi Biotechnology Co., Ltd.	2021104680	Jilin university
		2021104682	Williams, E.
2021104608	Atkinson, M.B.	2021104685	Safe Response Pty Ltd
2021104609	YIDATEC Co., Ltd	2021104686	Ningbo Polytechnic
2021104610	Qingdao Agricultural University; China Animal Health and Epidemiology Center	2021104687	Hainan Tropical Ocean University
2021104611	Qingdao Agricultural University	2021104688	Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences; Shandong University
		2021104689	Miles, S.
		2021104690	Hainan Tropical Ocean University
		2021104691	Beyond Materials Group PTY LTD
		2021104692	Chongqing University; Shandong DOGUIDE Group Co., Ltd.
		2021104693	Feng, H.; Feng, R.
		2021104694	North University of China
		2021104695	Mayerle, D.
		2021104696	Delaney, J.

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2021104697	Jilin University	2021104802	University of Electronic Science and Technology of China, Zhongshan Institute
2021104699	CHINA ELECTRIC POWER RESEARCH INSTITUTE CO., LTD.; Huazhong University of Science and Technology	2021104804	Ningbo Polytechnic; Henghe Materials & Science Technology Co., Ltd.
2021104700	SWEAT1000 Pty Ltd	2021104805	Shandong Shouguang Vegetable Seed Industry Group Co., Ltd.; Shandong Shouguang Vegetable Industry Group Co., Ltd.
2021104701	Norris, J.; McDonald, R.	2021104806	Shen, C.
2021104702	SkillPro Services Pty Ltd	2021104807	Huangshan Tianzhidu Environmental Technology Development Co., Ltd.
2021104703	Rakman International Pty Ltd	2021104808	Ningbo Polytechnic
2021104704	Rakman International Pty Ltd	2021104809	Shandong Shouguang Vegetable Seed Industry Group Co., Ltd.; Shandong Shouguang Vegetable Industry Group Co., Ltd.
2021104705	Qingdao Agricultural University	2021104810	University of Electronic Science and Technology of China, Zhongshan Institute
2021104706	Mooney, C.	2021104811	Shandong Shouguang Vegetable Seed Industry Group Co., Ltd.; Shandong Shouguang Vegetable Industry Group Co., Ltd.
2021104707	Yunnan Communications Investment & Construction Group Co., Ltd.; Beijing Zhongyan Tiandi Technology Co., Ltd.; Institute of Geology and Geophysics, Chinese Academy of Sciences; Yunnan Chuyao Expressway Construction Co., Ltd.; Henan Luanlu Expressway Construction Co., Ltd.; Yunnan Wuyi Expressway Construction Co., Ltd.; Zhonglu Hi-Tech (Beijing) Highway Technology Co., Ltd.	2021104812	Northwest A&F University
2021104708	Shihezi University; The First Affiliated Hospital of Shihezi University Medical College	2021104813	Ningbo Polytechnic
2021104709	hong, t.	2021104814	Proteineasy Biological Products Research Institute (Henan) Co., LTD
2021104710	hong, t.	2021104815	Academy of Agricultural Sciences of Enshi Tujia and Miao Autonomous Prefecture; Institute of traditional Chinese medicine, Hubei Academy of Agricultural Sciences
2021104712	Shanxi Agricultural University	2021104816	Zhejiang Shuneng Shixiang Technology Co., Ltd
2021104713	DaVinci II CSJ, LLC	2021104817	Shenyang University of Technology
2021104714	Institute of Nanfan#Seed Industry, Guangdong Academy of Sciences	2021104818	Shenyang University of Technology
2021104715	Institute of Bioengineering, Guangdong Academy of Sciences	2021104819	Shandong University of Science and Technology
2021104717	Tianjin University	2021104820	Bloxsom, B.
2021104718	China Construction Industrial & Energy Engineering Group Co., Ltd.; Tianjin University	2021104821	Chinese Research Academy of Environmental Sciences
2021104719	Kunming University of Science & Technology	2021104822	AI, X.
2021104720	Yunnan Academy of Agricultural Sciences	2021104823	Qilu University of Technology
2021104732	Chongqing Three Gorges University	2021104824	Qingdao University of Science & Technology
2021104733	Ocean University of China	2021104825	Guizhou Normal University
2021104734	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	2021104826	Qilu University of Technology
2021104735	Patriot Campers Holdings Pty Ltd	2021104827	South China Sea Institute of Oceanology, Chinese Academy of Sciences
2021104736	The Second Xiangya Hospital of Central South University	2021104829	Central Queensland University
2021104737	Shandong Shouguang Vegetable Seed Industry Group Co., Ltd.; Shandong Shouguang Vegetable Industry Group Co., Ltd.	2021104832	The Third Geological Exploration Institute of Qinghai Province
2021104738	Zhejiang Yongjian New Material Technology Co., Ltd.	2021104836	Southwest Petroleum University
2021104739	Solidvac Pty Ltd	2021104838	Shanghai Yilianjiaoxin Medical Technolgy Ltd
2021104740	Noronha, A.; Velapure, M.; Tripathi, D.	2021104839	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
2021104741	FCI Holdings Delaware, Inc.	2021104841	Zhejiang Shuneng Shixiang Technology Co., Ltd
2021104742	Chengdu Daosheng Biotechnology Co., Ltd	2021104842	Wuhan University
2021104743	Shandong University	2021104843	Hangzhou Shixiang Technology Co., Ltd
2021104744	63963 Unit of the Chinese People's Liberation Army; Shenyang Shunyi Technology Company Limited	2021104844	Zhejiang Gongshang University
2021104745	PPG Industries Ohio, Inc.	2021104846	Hangzhou Shixiang Technology Co., Ltd
2021104746	FRASER, M.	2021104853	Inner Mongolia Puze Biological Products Co. Ltd.
2021104747	FRASER, M.	2021104854	LIU & WU INVESTMENTS PTY LTD
2021104750	De Jonge, A.	2021104855	Shanghai Ocean University
2021104752	Techtronic Cordless GP	2021104856	Yunnan Research Academy of Eco-environmental Sciences; Kunming University of Science and Technology
2021104753	Techtronic Cordless GP	2021104857	Hangzhou Fulton Thermal Energy Equipment Co., Ltd
2021104754	Innovactiv Inc	2021104858	Zhejiang Gongshang University
2021104755	Jusand Nominees Pty Ltd	2021104859	Jing Nan Traffic Engineering Co., Ltd.
2021104756	Jusand Nominees Pty Ltd	2021104860	Zhejiang Gongshang University
2021104787	Ghahraei, A.	2021104861	Southwest Petroleum University
2021104793	XUZHOU UNIVERSITY OF TECHNOLOGY	2021104862	Beijing Xiangyun Tongda Civil Engineering Co. LTD.; Tsinghua university
2021104794	Jilin University	2021104863	The Affiliated Hospital of Youjiang Medical University for Nationalities
2021104795	Tranex Roads & Traffic Pty Ltd	2021104864	Spain, A.
2021104796	Ningbo Polytechnic	2021104865	No Thru IP Pty Ltd
2021104797	Shandong Shouguang Vegetable Seed Industry Group Co., Ltd.; Shandong Shouguang Vegetable Industry Group Co., Ltd.	2021104866	huaiyin normal university; South China University of Technology; Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
2021104798	China Construction Industrial & Energy Engineering Group Co., Ltd; Tianjin University		
2021104800	Wuhan University		
2021104801	Feng, D.		

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2021104867	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province	2021104874	Shandong University
2021104868	Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences	2021104875	Brown, T.
2021104870	Environmental Horticulture Institute, Guangdong Academy of Agricultural Sciences; Zhongshan Jiazhan Times Landscaping Co., LTD	2021104876	Scootboot Pty Ltd
2021104871	TAGR HOLDINGS PTY LTD	2021104877	The First Medical Center Chinese PLA General Hospital; Shandong University
2021104872	Coulter Ventures LLC	2021104879	Environmental Horticulture Institute, Guangdong Academy of Agricultural Sciences
2021104873	Bower, G.; Kirkman, T.	2021104880	Moma Products Pty Ltd
		2021104881	Lauc, V.

Applications with amended filing dates Reg 3.5(A).

2021901748 **Sinclair, P.D.** The filing date has been amended to 23.07.2021

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)

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

2001

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2001055917 (14)	2001055924 (14)	2001055940 (14)
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2006209977 (14)	2006211552 (14)	2006211556 (14)
2006213932 (14)	2006221110 (14)	

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2007207497 (14)	2007207616 (14)	2007209374 (14)

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2008206252 (14)	2008206316 (14)	2008206328 (14)
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2008348253 (14)		

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2009202111 (14)	2009203044 (14)	2009204845 (14)
2009205419 (14)	2009205428 (14)	2009205757 (14)
2009205937 (14)	2009206113 (14)	2009207480 (14)
2009210639 (14)	2009219094 (14)	2009220113 (14)
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2010200084 (14)	2010200200 (14)	2010204511 (14)
2010204600 (14)	2010204648 (14)	2010204767 (14)
2010205479 (14)	2010205505 (14)	2010205767 (14)
2010205902 (14)	2010206940 (14)	2010208555 (14)
2010209955 (14)	2010210944 (14)	2010223075 (14)
2010236040 (14)	2010342148 (14)	

2011

2011200135 (14)	2011200148 (14)	2011200201 (14)
2011203242 (14)	2011205246 (14)	2011205622 (14)
2011206416 (14)	2011207104 (14)	2011207555 (14)
2011207601 (14)	2011207982 (14)	2011208171 (14)
2011208382 (14)	2011209894 (14)	2011213445 (14)
2011222243 (14)	2011233363 (14)	2011354761 (14)

2012

2012200216 (14)	2012200283 (14)	2012200288 (14)
2012200315 (14)	2012206003 (14)	2012207203 (14)
2012208363 (14)	2012208434 (14)	2012208626 (14)
2012208803 (14)	2012208914 (14)	2012209412 (14)

2012210082 (14)	2012210698 (14)	2012219961 (14)
2012223075 (14)	2012246698 (14)	2012250465 (14)
2012251919 (14)	2012270432 (14)	2012290723 (14)
2012364891 (14)	2012364893 (14)	2012366724 (14)

2013

2013100992 (22)	2013100997 (22)	2013101011 (22)
2013101012 (22)	2013101013 (22)	2013101014 (22)
2013101015 (22)	2013101018 (22)	2013101790 (22)
2013200201 (14)	2013200265 (14)	2013200284 (14)
2013203035 (14)	2013207719 (14)	2013208368 (14)
2013209580 (14)	2013209672 (14)	2013209936 (14)
2013210289 (14)	2013210979 (14)	2013215590 (14)
2013245504 (14)	2013304335 (14)	2013364481 (14)
2013373795 (14)	2013374357 (14)	2013374427 (14)

2014

2014200221 (14)	2014200229 (14)	2014200273 (14)
2014200309 (14)	2014206512 (14)	2014206798 (14)
2014207015 (14)	2014207125 (14)	2014207254 (14)
2014207529 (14)	2014207605 (14)	2014207621 (14)
2014207685 (14)	2014207747 (14)	2014207795 (14)
2014207909 (14)	2014208105 (14)	2014209667 (14)
2014209694 (14)	2014209695 (14)	2014209697 (14)
2014209708 (14)	2014209739 (14)	2014212780 (14)
2014212886 (14)	2014214324 (14)	2014214326 (14)
2014224939 (14)	2014250692 (14)	2014261804 (14)
2014281186 (14)	2014377736 (14)	

2015

2015100628 (22)	2015101936 (22E)	2015101951 (22E)
2015200152 (14)	2015200363 (14)	2015202862 (5C)
2015205816 (14)	2015206264 (4C)	2015206504 (14)
2015207321 (14)	2015207374 (14)	2015207673 (14)
2015209597 (14)	2015209628 (14)	2015209669 (14)
2015209733 (14)	2015244419 (14)	2015249301 (5C)
2015300970 (5C)	2015360609 (5C)	2015364751 (5C)
2015377195 (14)	2015377196 (14)	2015377212 (14)
2015377266 (4C)	2015378657 (14)	

2016

2016102046 (22E)	2016102156 (22E)	2016200236 (4C)
2016202229 (14)	2016202590 (14)	2016204148 (16C)
2016206612 (4C)	2016206633 (4C)	2016206695 (4C)
2016206707 (4C)	2016206738 (4C)	2016206748 (14)
2016206759 (4C)	2016206818 (14)	2016207124 (4C)
2016207512 (14)	2016207959 (14)	2016207986 (14)
2016208009 (4C)	2016208768 (14)	2016209623 (14)
2016218190 (14)	2016219621 (14)	2016236809 (5C)
2016245862 (5C)	2016248111 (5C)	2016261596 (5C)
2016269468 (4B)	2016274333 (5C)	2016275555 (5C)
2016298790 (5C)	2016312679 (5C)	2016315693 (5C)
2016324156 (5C)	2016329201 (5C)	2016330399 (5C)
2016331314 (5C)	2016348839 (5C)	2016419033 (1B)
2016433968 (12D)		

2017

2017100334 (22)	2017200267 (4A)	2017200327 (14)
2017200328 (4C)	2017200342 (14)	2017200371 (14)
2017201782 (14)	2017207425 (4C)	2017207446 (4C)
2017207508 (14)	2017207854 (4C)	2017207903 (4D)
2017207933 (4C)	2017208632 (5C)	2017208818 (4C)
2017208983 (4C)	2017209030 (4C)	2017209034 (4C)
2017209876 (14)	2017209986 (4C)	2017210503 (1B)
2017210649 (14)	2017210928 (14)	2017210929 (14)
2017210930 (14)	2017211011 (14)	2017211155 (14)
2017211612 (14)	2017211613 (14)	2017213426 (14)
2017213447 (1B)	2017213470 (1B)	2017213513 (1B)
2017214894 (14)	2017214923 (4C)	2017216457 (1B)
2017243778 (25D)	2017273259 (4B)	2017302235 (4B)
2017302236 (4B)	2017308212 (1B)	2017308461 (1B)
2017308905 (1B)	2017309302 (1B)	2017309405 (1B)

2017309796 (1B)	2017309985 (1B)	2017310006 (1B)
2017310036 (1B)	2017310044 (1B)	2017310498 (1B)
2017310704 (1B)	2017310722 (1B)	2017311306 (1B)
2017311485 (1B)	2017311606 (1B)	2017312555 (1B)
2017312583 (1B)	2017312734 (1B)	2017313047 (1B)
2017313063 (1B)	2017313263 (1B)	2017313441 (1B)
2017313623 (1B)	2017343463 (5C)	2017361138 (5C)
2017366832 (5C)	2017391943 (1B)	2017392662 (4C)
2017394134 (4A)	2017394613 (4C)	2017394973 (4A)
2017422614 (5C)	2017423460 (5C)	

2018

2018100057 (22E)	2018100088 (22E)	2018200298 (1B)
2018200549 (14)	2018202349 (1B)	2018203904 (5C)
2018204068 (5C)	2018208403 (1B)	2018236804 (14)
2018241404 (5C)	2018243899 (1B)	2018248089 (1B)
2018250330 (1B)	2018252782 (5C)	2018253353 (5C)
2018255024 (5C)	2018272019 (1B)	2018274977 (5C)
2018277260 (1B)	2018282321 (4C)	2018290499 (5C)
2018290831 (5C)	2018293934 (1B)	2018297993 (1B)
2018301912 (5C)	2018313802 (1B)	2018334215 (5C)
2018369631 (5C)		

2019

2019100036 (22E)	2019100038 (22E)	2019100043 (22E)
2019100044 (22E)	2019100047 (22E)	2019100049 (22E)
2019100054 (22E)	2019100055 (22E)	2019101127 (21F)
2019200349 (14)	2019202913 (4C)	2019203221 (5C)
2019203295 (4C)	2019203546 (5C)	2019204280 (5C)
2019204668 (5C)	2019204802 (5C)	2019205985 (5C)
2019206017 (5C)	2019206131 (5C)	2019226124 (4C)
2019232823 (5C)	2019236634 (5C)	2019246894 (5C)
2019250163 (5C)	2019253833 (5C)	2019257352 (5C)
2019264548 (4C)	2019264686 (5C)	2019280059 (25D)
2019399942 (6A)		

2020

2020200273 (5C)	2020200587 (5C)	2020200968 (5C)
2020201521 (4C)	2020201638 (5C)	2020204047 (1B)
2020902654 (12AN)	2020902682 (12AN)	2020902746 (12AN)
2020902981 (12AN)	2020903064 (12AN)	2020903069 (12AN)

2021

2021101546 (16NN)	2021101681 (18AN)	2021102402 (18AN)
2021102418 (18AN)	2021102419 (18AN)	2021102876 (16NN)
2021103802 (12AN)	2021104325 (12AN)	2021202670 (1B)

Assignments before Grant, Section 113

2016

2016291095 Rathbone, Michael The application has been assigned to **ULTI PHARMACEUTICALS LIMITED**

2017

2017395644 Obschestvo s Ogranichennoy Otvetstvennostyu "Planta" The application has been assigned to **Light Bio, Inc.**

2017441421 Ehrmann, Douglas The application has been assigned to **DE Hoof Taps Ltd**

2018

2018204144 Butsonian Enterprises Pty Ltd The application has been assigned to **Butsonian Industries Pty Ltd**

2018227627 Sloan, Robert; Teague, Philip The application has been assigned to **Visuray Intech Ltd (BVI)**

Assignments before Grant, Section 113

2018229683 Q L Spacer Blocks Pty Ltd The application has been assigned to **DSB Co Pty Ltd**

2018231943 Q L Spacer Blocks Pty Ltd The application has been assigned to **DSB Co Pty Ltd**

2018240467 Trucode Gene Repair, Inc. The application has been assigned to **NeuBase Therapeutics, Inc.**

2018247281 EVERETT, Timothy The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2018285137 Norwegian University of Science and Technology (NT-NU) The application has been assigned to **ST. OLAV'S HOSPITAL, TRONDHEIM UNIVERSITY HOSPITAL**

2018293729 Les Laboratoires Servier The application has been assigned to **Nerviano Medical Sciences S.r.l.**

2018313859 Theracell, Inc. The application has been assigned to **Tetrous, Inc.**

2018368610 Axxence Holding B.V. The application has been assigned to **Axxence Aromatic GmbH**

2018372077 Imperial College of Science, Technology and Medicine The application has been assigned to **IP2IPO Innovations Limited**

2019

2019200209 EVERETT, Tim The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2019200210 EVERETT, Tim The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2019207717 Meritage Pharma, Inc. The application has been assigned to **ViroPharma Biologics LLC**

2019275578 Otonomy, Inc. The application has been assigned to **ALK-Abelló, Inc.**

2019290980 Baxalta Incorporated; Baxalta GmbH The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019299964 Baxalta Incorporated; Baxalta GmbH The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019304128 Imperial College of Science, Technology and Medicine The application has been assigned to **Imperial College Innovations Limited**

2019418411 In Queue Innovations, LLC The application has been assigned to **Orthofix US LLC**

2020

2020201095 EVERETT, TIM The application has been assigned to **KDB INTELLECTUAL PTY LTD**

Assignments before Grant, Section 113

2020203183 SHIRE VIROPHARMA LLC The application has been assigned to **ViroPharma Biologics LLC**

2020203262 Everett, Tim The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2020204387 EVERETT, TIMOTHY The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2020204466 EVERETT, TIMOTHY The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2020205340 Everett, Timothy The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2020261931 LUNA, Sergio The application has been assigned to **Fashion Lane Holdings LLC**

2020273325 Johnson & Johnson Consumer Inc. The application has been assigned to **Johnson & Johnson Surgical Vision, Inc.**

2021

2021200572 Baxalta GmbH; Baxalta Incorporated The application has been assigned to **Takeda Pharmaceutical Company Limited**

2021203684 EVERETT, TIMOTHY RIVA The application has been assigned to **KDB INTELLECTUAL PTY LTD**

2021901065 Q L Spacer Blocks Pty Ltd The application has been assigned to **DSB Co Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2009

2009329032 **Agarwal, A.** An application to extend the time from 25 Nov 2019 to 25 Dec 2020 in which to pay a renewal fee has been filed. Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2020

2020100769 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** An application to extend the time from 19 Dec 2020 to 19 Jul 2021 in which to pay a renewal fee has been filed. Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2003

2003204767 **WebTrends, Inc.** The time in which to pay a renewal fee has been extended to 18 May 2021. Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

Extensions of Time, Section 223

2005

2005274680 **Hunter Immunology Limited** The time in which to pay a renewal fee has been extended to 17 Mar 2021 . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2010

2010300091 **Berry-Smith, M.; Donaghue, M.** The time in which to pay a renewal fee has been extended to 24 Apr 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2012

2012203669 **Ahern, T.** The time in which to pay the renewal fee has been extended to 23 Jan 2021 . Address for service - Thesia Gladys Ahern PO BOX 2372 Humpty Doo NT 0836 AU

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

2012255624 **Chin, D.** The time in which to pay a renewal fee has been extended to 18 Mar 2021 . 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** The time in which to pay the renewal fee has been extended to 06 Feb 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

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

2017

2017258845 **Spray Rock LLC** The time in which to pay a renewal fee has been extended to 27 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017299786 **Isa, R.** The time in which to request examination has been extended to 28 Jul 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2018

2018100994 **Vermeer Manufacturing Company** The time in which to pay a renewal fee has been extended to 13 Mar 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2018101322 **Associated Celebrity Talent Application Pty Ltd** The time in which to pay a renewal fee has been extended to 08 Apr 2021 . Address for service - A.C.N. 149 196 734 Pty Ltd PO Box 76 Vaucluse NSW 2030 AU

2018101348 **Commercial Property Guide Pty Ltd** The time in which to pay the renewal fee has been extended to 14 Apr 2021 . Address for service - Commercial Property Guide Pty Ltd 37 shakespeare drive templestowe VIC 3106 AU

Extensions of Time, Section 223

2018264002 **Victaulic Company** The time in which to pay the renewal fee has been extended to 14 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018298202 **TEETER, Monty, J.** The time in which to enter the national phase has been extended to 06 Feb 2021 . Address for service - Mad-derns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

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

2019

2019232850 **Global Organics Energy** The time in which to pay the continuation fee has been extended to 01 Mar 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021201397 **Ocular Pty Ltd** The time in which to associate with a complete application has been extended to 07 Mar 2021 . Address for service - MILLS OAKLEY IP L 6 530 Collins St Melbourne VIC 3000 AU

2021201553 **Grand Performance Online Pty Ltd** The time in which to request examination has been extended to 16 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021202115 **Impact Management Group Pty Ltd** The time in which to request examination has been extended to 28 Jul 2021 . Address for service - Coleman Greig Lawyers Pty Ltd PO Box 260 Parramatta NSW 2124 AU

2021202229 **Deep Brain Innovations LLC** The time in which to request examination has been extended to 28 Jul 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

Amendments

Applications for Amendment

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

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

2015

2015269348 MAp44 polypeptides and constructs based on natural antibodies and uses thereof **The Regents of the University of Colorado, a body corporate** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016257995 Intelligent load balancing and high speed intelligent network recorders **Endace Technology Limited ; Coddington, A. ; Donnelly, S. ; Earl, D. ; Allen, M. ; Wilson, S.** The nature of the amendment is: Amend the name of the Patentee to read Endace

Amendments

Technology Limited . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016257995 Intelligent load balancing and high speed intelligent network recorders **Endace Technology Limited ; Coddington , A. ; Donnelly , S. ; Earl , D. ; Allen , M. ; Wilson , S.** The nature of the amendment is: Amend the name of the inventor to read Coddington, Anthony; Donnelly, Stephen; Earl, David; Allen, Maxwell; Wilson, Stuart and Brier, William . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016290654 Solution phase synthesis and crystallization of beta-turn peptidomimetic cyclic salts **Mimetogen Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016311269 Methods and compositions for protein purification and enzyme reaction **The Regents of The University of California ; The Flinders University of South Australia** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016342157 Meat-like food products **Beyond Meat, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2016362761 Drip emitter **Netafim Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016414392 A structure support arrangement **Lomax Group Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2017

2017204276 A Testing and Training Apparatus **KANGATECH PTY LTD** The nature of the amendment is as shown in the statement(s) filed 07 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017208033 Modified plant **Sun Pharmaceutical Industries Australia Pty Limited** The nature of the amendment is as shown in the statement(s) filed 01 Jul 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017431764 Quantum error correction **Google LLC** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018211536 Compounds reducing malodour perception and the use thereof **Chemcom S.A. ; Givaudan S.A.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2021 . Address for service - WRAYS PTY LTD Level 7, 863 Hay Street Perth WA 6000 AU

2018267289 Multi-sensor magneto-monitoring-imaging system **Korea Research Institute of Standards and Science** The nature of

Amendments

the amendment is: Amend the name of the inventor to read YU, Kwon Kyu; LEE, Yong-Ho; KWON, Hyuk Chan; KIM, Jin Mok and LEE, Sang Kil . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018274888 Improved T cell compositions **Bluebird Bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018300549 Method and device for machining a component by removing material **Siemens Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018310881 Use of mavoglurant in the reduction of cocaine use or in preventing relapse into cocaine use **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Place Melbourne VIC 3000 AU

2018425106 Refrigerator **Hefei Midea Refrigerator Co., Ltd. ; Hefei Hualing Co., Ltd. ; Midea Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2019

2019204822 SYSTEMS AND METHODS FOR MANAGING VOLTAGE EVENT ALARMS IN AN ELECTRICAL SYSTEM **Schneider Electric USA, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2021 . Address for service - Maderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019208210 SLIDE-OUT MECHANISM WITH A FIXED SPINDLE DRIVE **Lippert Components, Inc** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

2019213337 Therapies for hematologic malignancies **Gilead Calistoga LLC** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2021

2021102599 A process for preparing calcium zirconate for UV LED devices for treating neonatal and skin diseases **Kshatri , D.S. ; Mishra , S. ; Dubey , V. ; Dubey , N. ; Singh Dhundhel , R. ; Patra , J.P. ; Bhattacharya , R. ; Singh , A.** The nature of the amendment is: Amend the name of the inventor to read Dubey, Vikas; Dubey, Neha; Michalska-Domańska, Marta; Saluja, Jagjeet Kaur and Saji, Janita . Address for service - Dr. D. S. Kshatri Parcel Locker 1013253411 Shop 355 111 West Lakes Boulevard West Lakes SA 5021 AU

Amendments Made

2002

2002334413 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021

Amendments

2012

2012392760 **CSL Behring Lengnau AG** The nature of the amendment is as shown in the statement(s) filed 10 Dec 2020

2015

2015343245 **The Board of Trustees of the University of Illinois** The nature of the amendment is: Amend the name of the inventor to read Burke, Martin D; Cioffi, Alexander G; Diaz, Katrina A; Hou, Jennifer and Grillo, Anthony A

2017

2017232747 **Sumitomo Metal Mining Co., Ltd.** The nature of the amendment is: Amend the invention title to read Near-infrared shielding material fine particles and method for producing the same, and near-infrared shielding material fine particle dispersion liquid

2017251818 **Olaplex, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2020 and 9 April 2021

2017254090 **VMA Solutions, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2021

2017355295 **Indorama Ventures Oxides LLC** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2021

2017383458 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 05 May 2021

2017432809 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 05 May 2021

2018

2018201735 **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2021

2018222163 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021

2018309187 **Skyhawk Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Apr 2021

2018310477 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2021

2018338745 **Nutreco IP Assets B.V.** The nature of the amendment is: Amend the name of the inventor to read MARTÍN-TERESO LÓPEZ, Javier; PENA CARVALHO DE CARVALHO, Isabela; HAEUSSNER, Thomas; FISCHER, Frank; BORCHERS, Georg; KOTTKE, Ulrike; KOBLER, Christoph; BORGMANN, Cornelia and PORTNER, Karsten

2018347205 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2021

2018359245 **Zodiac Pool Systems LLC** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2021

2018374613 **Li, H.** The nature of the amendment is: Application is to proceed under the number 2018102219

Amendments

2018451481 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Appliance control system and server

2019

2019202197 **CAE Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2021

2019204864 **CommScope Technologies LLC; CommScope Connectivity Belgium BVBA** The nature of the amendment is as shown in the statement(s) filed 04 May 2021

2019218536 **CRRC Yangtze Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101813

2019294577 **Lightsense Israel LTD.** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021 and 19 May 2021

2019323122 **Evercyte GmbH** The nature of the amendment is: Amend the name of the inventor to read WOZNIAK-KNOPP, Gordana; VOGT, Stefan; STADLMAYR, Gerhard; RUEKER, Florian; GRILLARI, Johannes and BOBBILI, Madhusudhan Reddy

2019361447 **Mitsubishi Power, Ltd.** The nature of the amendment is: Amend the invention title to read Secondary battery management system, secondary battery management method and secondary battery management program for said secondary battery management system, and secondary battery system

2019400472 **Ac-Planta Inc.** The nature of the amendment is: Amend the invention title to read Heat tolerance or salt tolerance improving agent for plant

2019406840 **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read BRUEDERLE, Andreas; WONG, Connie; VANASSE, K. Gary, J.; RINNE, Mikael; REGARD, Jean; MARATHE, Anshu and SUN, Haiying

2019411188 **Amicro Semiconductor Co., Ltd.** The nature of the amendment is: Amend the invention title to read Control device for robot to tease pet and mobile robot

2019422095 **Jining University; Shandong Inomic Institute of Pharmaceutical Research Co., Ltd** The nature of the amendment is: Amend the invention title to read ESTABLISHMENT METHOD OF CELL LINE FOR PREPARING ANTI-EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) FULLY-HUMANIZED MONOCLONAL ANTIBODY (mAb)

2019422940 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Rotating machine, outdoor unit of air-conditioning apparatus, and air-conditioning apparatus

2019425533 **Bright Dairy & Food Co., Ltd** The nature of the amendment is: Amend the invention title to read METHOD FOR PREPARING FERMENTED BEAN MILK BY LEUCONOSTOC MESENTEROIDES (L. MESENTEROIDES), PREPARED FERMENTED BEAN MILK AND USE THEREOF

Amendments

2019429836 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Indoor unit and air-conditioning apparatus

2019433018 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read FAULT POINT POSITION DETERMINING METHOD AND APPARATUS AND PHOTOVOLTAIC SYSTEM

2020

2020104208 **Chongqing University** The nature of the amendment is: Amend the name of the inventor to read Zhong, Dongliang; Yan, Jin; Ding, Kun; Zou, Zhenlin; Yi, Datong and Li, Xiyue

2020200699 **Skyhawk Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2021

2020200860 **NORTH SWING PTY LTD; LAVRENCIC, D.** The nature of the amendment is: Application is to proceed under the number 2020104441

2020204275 **Employment Pathway Keys Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104442

2020204388 **Camm, A.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2021 and 10 Sep 2020

2020206492 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read ENCODER, DECODER, NON-TRANSITIONARY COMPUTER-READABLE MEDIUM AND METHOD OF VIDEO CODING A BLOCK OF A PICTURE

2020206957 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR A MULTIPLEXING UPLINK CONTROL INFORMATION AND APPARATUS

2020208934 **Kreuzer, O.** The nature of the amendment is: Amend the invention title to read Method and device for solid-phase peptide synthesis

2020211441 **GAIA BioMedicine Inc.** The nature of the amendment is: Amend the invention title to read A METHOD FOR PRODUCING A CELL POPULATION INCLUDING NK CELLS

2020295264 **CJ CheilJedang Corporation** The nature of the amendment is: Amend the invention title to read L-Tyrosine-Producing Microorganism And Method For Producing L-Tyrosine Using The Same

2021

2021102635 **Virtual IT Group Pty Ltd** The nature of the amendment is: Amend the invention title to read Predictive Intelligent Agent

2021202109 **Citadel Casing Ltd; Cheng, L.K.H.** The nature of the amendment is: Amend the priority details to read PCT/CN2020/094300 04 Jun 2020 WO

2021203034 **Context Systems LLP** The nature of the amendment is: Amend the name of the inventor to read Thilagarajah, Ranjan

Amendments

2021204795 **Bonam, R.** The nature of the amendment is: Application is to proceed under the number 2021104799

2021902045 **Rose, A.** The nature of the amendment is: Amend the invention title to read A Portable De-Coiling Apparatus

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

2008

2008307122 **Protege Sport Pty Ltd** The name of the patentee has been altered to **MGI Golf Pty Ltd**

2009

2009211753 **Nippon Steel & Sumikin Stainless Steel Corporation** The name of the patentee has been altered to **NIPPON STEEL Stainless Steel Corporation**

2009219992 **Peptinnovate Limited** The name of the patentee has been altered to **Revalo Biotherapeutics Limited**

2010

2010211864 **Nippon Steel & Sumikin Stainless Steel Corporation** The name of the patentee has been altered to **NIPPON STEEL Stainless Steel Corporation**

2011

2011235775 **Nippon Steel & Sumikin Stainless Steel Corporation** The name of the patentee has been altered to **NIPPON STEEL Stainless Steel Corporation**

2013

2013222295 **L3 Security & Detection Systems Inc.** The name of the patentee has been altered to **LEIDOS SECURITY DETECTION & AUTOMATION, INC.**

2014

2014213837 **Process Systems Enterprise Limited** The name of the patentee has been altered to **Siemens Process Systems Engineering Limited**

2014342180 **The Curators of the University of Missouri; Memphis Meats, Inc.** The name of the patentee has been altered to **The Curators of the University of Missouri; Upside Foods, Inc.**

2014342477 **NantKwest, Inc.** The name of the patentee has been altered to **ImmunityBio, Inc.**

2015

2015276826 **Sipple Medical, LLC** The name of the patentee has been altered to **Acies Medical LLC**

2015349594 **K-Max Pty Ltd** The name of the patentee has been altered to **Parkway Process Technologies Pty Ltd**

2016

2016243120 **NantKwest, Inc.** The name of the applicant has been altered to **ImmunityBio, Inc.**

Amendments

2016322010 Scoot & Ride GmbH The name of the patentee has been altered to **Scoot & Ride Holding GmbH**

2016339513 Aprogen KIC Inc. The name of the patentee has been altered to **Aprogen Medicines Inc.**

2017

2017208094 Memphis Meats, Inc. The name of the applicant has been altered to **Upside Foods, Inc.**

2017250013 Protege Sport Pty Ltd The name of the applicant has been altered to **MGI Golf Pty Ltd**

2017336094 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2017358360 Aprogen KIC Inc. The name of the patentee has been altered to **Aprogen Medicines Inc.**

2018

2018206401 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2018208077 Immune Regulation Limited The name of the applicant has been altered to **Revolu Biotherapeutics Limited**

2018208078 Immune Regulation Limited The name of the applicant has been altered to **Revolu Biotherapeutics Limited**

2018231193 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2018287143 Metso Sweden AB The name of the applicant has been altered to **Metso Outotec Sweden AB**

2018288712 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2018288715 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2018321607 Navbit IP Pty Ltd The name of the applicant has been altered to **Vivid Surgical Pty Ltd**

2018434924 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2019

2019202244 The Curators of the University of Missouri; Memphis Meats, Inc. The name of the applicant has been altered to **Upside Foods, Inc.; The Curators of the University of Missouri**

2019272583 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2019300782 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

Amendments

2019360182 BlueAllele, LLC The name of the applicant has been altered to **BlueAllele Corporation**

2019370297 BlueAllele, LLC The name of the applicant has been altered to **BlueAllele Corporation**

2021

2021104299 Interpod Services Pty Ltd The name of the applicant has been altered to **Interpod Holdings Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Inc.
(11) AU-A-2021205091
(21) 2021205091 (22) 15.07.2021
(54) Antibody drug conjugates with cell permeable Bcl-xL inhibitors
(51) Int. Cl.
A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(43) 12.08.2021
(62) 2015360609
(72) Boghaert, Erwin R.; Ackler, Scott L.; Tao, Zhi-Fu; Wang, Xilu; Doherty, George; Marin, Violeta L.; Sullivan, Gerard M.; Song, Xiaohong; Kunzer, Aaron R.; Welch, Dennie S.; Bruncko, Milan; Judd, Andrew S.; Souers, Andrew J.
(74) Spruson & Ferguson

(71) Accenture Global Solutions Limited
(11) AU-A-2021205017
(21) 2021205017 (22) 13.07.2021
(54) PROCESSING DATA UTILIZING A CORPUS
(51) Int. Cl.
G06F 16/215 (2019.01)
G06F 16/245 (2019.01)
(43) 12.08.2021
(62) 2019253836
(72) SWAMY, Jayant; DE, Brajesh; SALGAONKAR, Unmesh; DALAL, Dhanashree; VOHRA, Sanjeev; NATA-RAJAN, Sankar; NAYAR, Anitha
(74) Murray Trento & Associates Pty Ltd

(71) AccuraGen Holdings Limited
(11) AU-A-2021206868
(21) 2021206868 (22) 22.07.2021
(54) Compositions and methods for detecting rare sequence variants
(51) Int. Cl.
C12Q 1/68 (2018.01)
C40B 30/04 (2006.01)
(43) 12.08.2021
(62) 2014362227
(72) Lin, Shengrong; Sun, Zhaohui; Zhao, Grace Qizhi; Tang, Paul Ling-Fung
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Acres Technology
(11) AU-A-2021205009
(21) 2021205009 (22) 13.07.2021
(54) Method and Apparatus for Facilitating Wagering by Multiple Players of Gaming Machines
(51) Int. Cl.
G07F 17/32 (2006.01)
G07F 17/34 (2006.01)

(43) 12.08.2021
(62) 2019236634
(72) Acres, John F.
(74) Golja Haines & Friend

(71) Action Sports Equipment Pty Ltd
(11) AU-A-2021206803
(21) 2021206803 (22) 19.07.2021
(54) Trampoline equipment and methods
(51) Int. Cl.
A63B 5/11 (2006.01)
(43) 12.08.2021
(62) 2015202862
(72) YOUNG, IAN FREDERICK; KHAN, AZAM ADIL; CHU, HON TONG
(74) Acacia Law

(71) Active Implants LLC
(11) AU-A-2021205083
(21) 2021205083 (22) 15.07.2021
(54) Floating joint replacement device with supportive sidewall
(51) Int. Cl.
A61F 2/38 (2006.01)
(43) 12.08.2021
(62) 2018306724
(72) ELSNER, Jonathan J.; LINDER-GANZ, Eran; KLYCE, Henry A.
(74) FB Rice Pty Ltd

(71) Adobe Inc.
(11) AU-A-2020273315
(21) 2020273315 (22) 19.11.2020
(54) Method to compute and recommend the best model for higher engagement and increased probability of product visit/purchase from an ecommerce website visitor
(51) Int. Cl.
G06F 16/535 (2019.01)
G06F 16/435 (2019.01)
(31) 16/774,681 (32) 28.01.20 (33) US
(43) 12.08.2021
(72) Soni, Sachin; Puri, Nikaash; Jain, Ajay; Tagra, Sanjeev; Rozich, Ryan; Roeder, Jonathan
(74) RnB IP Pty Ltd

(71) AIR PRODUCTS AND CHEMICALS, INC.
(11) AU-A-2021200263
(21) 2021200263 (22) 18.01.2021
(54) SYSTEM AND METHOD FOR RECONDENSING BOIL-OFF GAS FROM A LIQUEFIED NATURAL GAS TANK
(51) Int. Cl.
F25J 1/02 (2006.01)
F17C 13/00 (2006.01)
(31) 16/750,534 (32) 23.01.20 (33) US

(43) 12.08.2021
(72) ROBERTS, MARK JULIAN; CHEN, FEI
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alcon Inc.
(11) AU-A-2021205100
(21) 2021205100 (22) 16.07.2021
(54) Azabicyclo and diazepine derivatives for treating ocular disorders
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/439 (2006.01)
A61P 27/10 (2006.01)
C07D 471/08 (2006.01)
(43) 12.08.2021
(62) 2018362010
(72) ELLIS, David; KETELSON, Howard Allen
(74) Davies Collison Cave Pty Ltd

(71) Align Technology, Inc.
(11) AU-A-2021206867
(21) 2021206867 (22) 22.07.2021
(54) AUTOMATIC SELECTION AND LOCKING OF INTRAORAL IMAGES
(51) Int. Cl.
G06T 1/00 (2006.01)
(43) 12.08.2021
(62) 2019284039
(72) Kopelman, Avi; Sabina, Michael
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) American Greetings Corporation
(11) AU-A-2021200538
(21) 2021200538 (22) 28.01.2021
(54) Greeting card displayer
(51) Int. Cl.
A47F 7/14 (2006.01)
A47F 5/08 (2006.01)
(31) 17/158,378 (32) 26.01.21 (33) US
62/966,692 28.01.20 US
(43) 12.08.2021
(72) SANTARELLI, Anthony
(74) Spruson & Ferguson

(71) American Greetings Corporation
(11) AU-A-2021205117
(21) 2021205117 (22) 16.07.2021
(54) Motorized gift card holders
(51) Int. Cl.
B42D 15/02 (2006.01)
(43) 12.08.2021
(62) 2016200605
(72) Begin, Anthony; Mayer, David; Hughes, Terry; Guo, Jerry; Qiao, Tiger; Talbot, John; Shlonsky, Lynne; Speck,

Applications Open to Public Inspection - Name Index cont'd

Katalina; Mason, Sarah; Marsh, Allison;
Zhang, Donald
(74) Spruson & Ferguson

(71) Amphastar Pharmaceuticals, Inc.
(11) AU-A-2021206890
(21) 2021206890 (22) 23.07.2021
(54) High-purity inhalable particles of insulin and insulin analogues, and high-efficiency methods of manufacturing the same
(51) Int. Cl.
C07K 14/62 (2006.01)
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 38/28 (2006.01)
(43) 12.08.2021
(62) 2020201000
(72) DING, Jeffrey; BO, Aili; LUO, Mary Ziping; ZHANG, Jack Yongfeng
(74) FB Rice Pty Ltd

(71) Apple Inc.
(11) AU-A-2021205043
(21) 2021205043 (22) 14.07.2021
(54) Transferring playback queues between devices
(51) Int. Cl.
G06F 15/16 (2006.01)
G06F 3/00 (2006.01)
(43) 12.08.2021
(62) 2019257352
(72) GRAHAM, David C.; PAULSON, Nicholas J.; SCHMIDT, Johannes P.; CAR-RIGAN, Taylor G.; BRADLEY, Bob; YE, Haishan; GRANDY, James C.; LASTIC, Pierre de; LEROUGE, Julien; ALSINA, Thomas
(74) FPA Patent Attorneys Pty Ltd

(71) Arena Pharmaceuticals, Inc.
(11) AU-A-2021206809
(21) 2021206809 (22) 20.07.2021
(54) Modulators of the beta-3 adrenergic receptor useful for the treatment or prevention of disorders related thereto
(51) Int. Cl.
C07D 491/107 (2006.01)
A61K 31/4355 (2006.01)
A61P 9/00 (2006.01)
(43) 12.08.2021
(62) 2017278102
(72) DO, Quyen-Quyen; TRAN, Thuy-Anh; ULLMAN, Brett
(74) FB Rice Pty Ltd

(71) Arizona Board of Regents on Behalf of the University of Arizona; University of Connecticut of Office Of The Vice President For Research
(11) AU-A-2021205131
(21) 2021205131 (22) 19.07.2021
(54) Wearable 3D augmented reality display
(51) Int. Cl.
G02B 27/22 (2018.01)
G02B 27/01 (2006.01)

(43) 12.08.2021
(62) 2019240590
(72) Hua, Hong; Javidi, Bahram
(74) Davies Collison Cave Pty Ltd

(71) Arizona Board of Regents on Behalf of the University of Arizona of The University of Arizona
(11) AU-A-2021206840
(21) 2021206840 (22) 21.07.2021
(54) STACKED TISSUE ENCAPSULATION DEVICE SYSTEMS WITH OR WITHOUT OXYGEN DELIVERY
(51) Int. Cl.
A61F 2/02 (2006.01)
(43) 12.08.2021
(62) 2017396753
(72) Papas, Klearchos K.
(74) Madderns Pty Ltd

(71) Axial Therapeutics, Inc.
(11) AU-A-2021206871
(21) 2021206871 (22) 22.07.2021
(54) Gut-selective sequestering agents for the treatment and prevention of autism and related disorders
(51) Int. Cl.
A61K 33/44 (2006.01)
A23L 33/29 (2016.01)
A61P 25/00 (2006.01)
(43) 12.08.2021
(62) 2018243836
(72) Campbell, Anthony Stewart; Donabedian, David H.
(74) Davies Collison Cave Pty Ltd

(71) Axiflux Holdings Pty Ltd
(11) AU-A-2021206849
(21) 2021206849 (22) 22.07.2021
(54) ELECTRIC MOTOR/GENERATOR
(51) Int. Cl.
H02K 1/12 (2006.01)
H02K 41/00 (2006.01)
H02P 6/00 (2016.01)
(43) 12.08.2021
(62) 2019250219
(72) Jahshan, David
(74) Axiflux Holdings Pty Ltd

(71) BAC Wholesale Pty Ltd
(11) AU-A-2020200513
(21) 2020200513 (22) 23.01.2020
(54) BLIND SYSTEM AND COMPONENTS THEREFOR
(51) Int. Cl.
E06B 9/42 (2006.01)
E06B 9/17 (2006.01)
E06B 9/58 (2006.01)
(43) 12.08.2021
(72) Reynolds, Chris
(74) Sandercock & Cowie

(71) Becton, Dickinson and Company
(11) AU-A-2021205038
(21) 2021205038 (22) 14.07.2021

(54) UNIVERSAL SINGLE-USE CAP FOR MALE AND FEMALE CONNECTORS
(51) Int. Cl.
A61M 39/16 (2006.01)
A61M 39/20 (2006.01)
(43) 12.08.2021
(62) 2019251201
(72) JIANG, Chang; CHARLES, Nichola
(74) Dark IP

(71) BEDGEAR, LLC
(11) AU-A-2021206887
(21) 2021206887 (22) 23.07.2021
(54) BEDDING SYSTEM
(51) Int. Cl.
A47C 21/04 (2006.01)
A47C 23/043 (2006.01)
(43) 12.08.2021
(62) 2020211469
(72) ALLETTTO Jr., Eugene; TURICCHIA, Lorenzo
(74) Michael Buck IP

(71) Bhattacharya, S.
(11) AU-A-2020200471
(21) 2020200471 (22) 23.01.2020
(54) Web Application Builder
(51) Int. Cl.
G06F 8/34 (2018.01)
G06F 3/0484 (2013.01)
G06F 8/20 (2018.01)
G06F 16/958 (2019.01)
G06F 40/106 (2020.01)
G06F 40/154 (2020.01)
(43) 12.08.2021
(72) Bhattacharya, Srimanta
(74) Srimanta Bhattacharya

(71) BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
(11) AU-A-2021206886
(21) 2021206886 (22) 23.07.2021
(54) 3' UTR sequences for stabilization of RNA
(51) Int. Cl.
C12N 15/67 (2006.01)
(43) 12.08.2021
(62) 2016335029
(72) Orlandini Von Niessen, Alexandra; Fesser, Stephanie; Vallazza, Britta; Beissert, Tim; Kuhn, Andreas; Sahin, Ugur; Poleganov, Marco Alexander
(74) FB Rice Pty Ltd

(71) BISSELL Inc.
(11) AU-A-2021200506
(21) 2021200506 (22) 28.01.2021
(54) Docking station for autonomous floor cleaner
(51) Int. Cl.
A47L 9/00 (2006.01)
(31) 62/967,074 (32) 29.01.20 (33) US

Applications Open to Public Inspection - Name Index cont'd

(43) 12.08.2021
(72) BROUWERS, Andrew James;
VanKAMPEN, David; SWAN, Jeffery;
AKHURST, Patryk D.; THOMAS, Jared
(74) Griffith Hack

(71) BISSELL Inc.
(11) AU-A-2021206798
(21) 2021206798 (22) 19.07.2021
(54) Surface cleaning apparatus
(51) Int. Cl.
A47L 7/02 (2006.01)
(43) 12.08.2021
(62) 2018278858
(72) XIA, Jincheng; GE, Jianjun; YIN, Zhenji-
ang; CHEN, Xin; LIANG, Yongsheng;
TAM, Kin-leung; LI, Min; LI, Feng Chun
(74) Griffith Hack

(71) Blinova, I.
(11) AU-A-2021205072
(21) 2021205072 (22) 15.07.2021
(54) Multidimensional mobilization of lumbar,
pelvic and hip joints
(51) Int. Cl.
A63B 23/02 (2006.01)
A63B 22/16 (2006.01)
(43) 12.08.2021
(62) 2016274333
(72) Blinova, Iana
(74) Cotters Patent & Trade Mark Attorneys

(71) Bullfrog International, LC
(11) AU-A-2020260546
(21) 2020260546 (22) 30.10.2020
(54) Manifold system and method of use
(51) Int. Cl.
F16L 55/07 (2006.01)
A61H 33/00 (2006.01)
(31) 62/964,864 (32) 23.01.20 (33) US
(43) 12.08.2021
(72) TULETT, Nathan; EDDINGTON,
Richard Alex; HALES, Eric
(74) Spruson & Ferguson

(71) CASE WESTERN RESERVE UNI-
VERSITY
(11) AU-A-2021203901
(21) 2021203901 (22) 11.06.2021
(54) BIOCHIPS TO DIAGNOSE HEMO-
GLOBIN DISORDERS AND MONITOR
BLOOD CELLS
(51) Int. Cl.
C12M 1/42 (2006.01)
G01N 33/483 (2006.01)
(43) 12.08.2021
(62) 2019219752
(72) GURKAN, Umut A.; ALAPAN, Yun-
us; LITTLE, Jane; PICCONE, Connie;
UNG, Ryan Dang-Quan
(74) Houlihan? Pty Ltd

(71) Caterpillar Global Mining Equipment
LLC
(11) AU-A-2021200208
(21) 2021200208 (22) 14.01.2021

(54) PIPE LOADING SYSTEM
(51) Int. Cl.
E21B 19/24 (2006.01)
E21B 7/02 (2006.01)
E21B 15/04 (2006.01)
E21B 19/06 (2006.01)
E21B 19/14 (2006.01)
E21B 19/16 (2006.01)
E21B 19/20 (2006.01)
(31) 16/774,809 (32) 28.01.20 (33) US
(43) 12.08.2021
(72) NATARAJAN, Yagneshwar
(74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Global Mining Equipment
LLC
(11) AU-A-2021200211
(21) 2021200211 (22) 14.01.2021
(54) VIRTUAL HOIST STOP FOR MOBILE
DRILLING MACHINE
(51) Int. Cl.
E21B 44/00 (2006.01)
E21B 15/00 (2006.01)
E21B 19/14 (2006.01)
E21B 19/20 (2006.01)
(31) 16/773,364 (32) 27.01.20 (33) US
(43) 12.08.2021
(72) MOBERG, Carl J.; HANCOCK, Stephen
M.
(74) FPA Patent Attorneys Pty Ltd

(71) Citrix Systems, Inc.
(11) AU-A-2020286292
(21) 2020286292 (22) 09.11.2020
(54) Secure message passing using semi-
trusted intermediaries
(51) Int. Cl.
H04L 9/30 (2006.01)
(31) 16/775,901 (32) 29.01.20 (33) US
(43) 12.08.2021
(72) SMELOV, Alexandr
(74) Spruson & Ferguson

(71) CLASSIC HARDWARE SUPPLIERS
PTY LTD
(11) AU-A-2020200633
(21) 2020200633 (22) 29.01.2020
(54) PULL HANDLE ENTRANCE LOCK AS-
SEMBLY WITH DEAD LOCK AND PRI-
VACY FUNCTION
(51) Int. Cl.
E05B 63/08 (2006.01)
E05C 1/14 (2006.01)
(43) 12.08.2021
(72) Yu, James
(74) CLASSIC HARDWARE SUPPLIERS
PTY LTD

(71) Clear Gene, Inc.
(11) AU-A-2021204828
(21) 2021204828 (22) 09.07.2021
(54) METHODS, COMPOSITIONS, AND
DEVICES FOR RAPID ANALYSIS OF
BIOLOGICAL MARKERS
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12M 1/00 (2006.01)

C12P 19/34 (2006.01)
(43) 12.08.2021
(62) 2015277059
(72) Steelman, Brandon
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Clearit, LLC
(11) AU-A-2021205132
(21) 2021205132 (22) 19.07.2021
(54) SYSTEMS AND METHODS FOR
TATTOO REMOVAL USING COLD
PLASMA
(51) Int. Cl.
A61Q 1/14 (2006.01)
A61B 18/04 (2006.01)
A61K 8/19 (2006.01)
A61K 8/22 (2006.01)
(43) 12.08.2021
(62) 2016263428
(72) Winkelman, James W.; Schmieg, Martin
E.
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Combinati Incorporated
(11) AU-A-2021206903
(21) 2021206903 (22) 23.07.2021
(54) Methods and systems for nucleic acid
analysis and Quantification
(51) Int. Cl.
B01L 3/00 (2006.01)
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
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amounts of activated fatty acids
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A61K 31/20 (2006.01)
C07F 9/02 (2006.01)
C11D 1/28 (2006.01)
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A61B 6/03 (2006.01)
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(54) Air conditioning indoor unit
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G01N 33/53 (2006.01)
A61K 39/395 (2006.01)
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A61K 31/7068 (2006.01)
C07H 19/06 (2006.01)
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(54) SYSTEM AND METHOD FOR MAKING
AND APPLYING A NON-PORTLAND
CEMENT-BASED MATERIAL
(51) Int. Cl.
C04B 18/14 (2006.01)
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A47B 57/00 (2006.01)
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B32B 27/06 (2006.01)
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B32B 27/16 (2006.01)
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A63F 1/04 (2006.01)
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A63B 67/04 (2006.01)
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(54) Air conditioner, data transmission method, and air conditioning system
(51) Int. Cl.
F24F 11/64 (2018.01)
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(51) Int. Cl.
F24F 11/64 (2018.01)
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(51) Int. Cl.
C07C 63/66 (2006.01)
A61K 8/368 (2006.01)
A61K 31/192 (2006.01)
A61K 31/235 (2006.01)
A61K 31/4402 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
C07C 65/19 (2006.01)
C07C 65/28 (2006.01)
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C07D 213/79 (2006.01)
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(54) Method and installation for the treatment of heat-sensitive liquid food products, and centrifugal pump for an installation of said type
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F04D 29/58 (2006.01)
A23C 3/037 (2006.01)
A23L 3/16 (2006.01)
F04D 7/02 (2006.01)
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A61J 1/16 (2006.01)
A61K 9/08 (2006.01)
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A61M 5/14 (2006.01)
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C07K 16/32 (2006.01)
A61K 9/00 (2006.01)
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C07D 213/38 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/4427 (2006.01)
A61P 35/00 (2006.01)
C07D 213/40 (2006.01)
C07D 213/56 (2006.01)
C07D 213/70 (2006.01)
C07D 213/75 (2006.01)
C07D 213/81 (2006.01)
C07D 213/82 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
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(54) System, method, and apparatus for magnetic surface coverings
(51) Int. Cl.
E04F 13/24 (2006.01)
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E04F 13/077 (2006.01)
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(11) AU-A-2021205110
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(54) CONTROLLING A DEVICE BASED ON PROCESSING OF IMAGE DATA THAT CAPTURES THE DEVICE AND/OR AN INSTALLATION ENVIRONMENT OF THE DEVICE
(51) Int. Cl.
H04L 12/28 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Multi-well chemical injection manifold and system
(51) Int. Cl.
E21B 21/08 (2006.01)
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H01R 4/48 (2006.01)
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(54) High capacity baler
(51) Int. Cl.
A01F 15/07 (2006.01)
A01B 71/00 (2006.01)
A01D 89/00 (2006.01)
A01F 15/14 (2006.01)
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DESBIEN, Christian Hayes; SCHOTT,
James Edward
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(54) High capacity baler
(51) Int. Cl.
A01F 15/07 (2006.01)
A01B 71/00 (2006.01)
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DESBIEN, Christian Hayes; SCHOTT,
James Edward
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PULSE, LLC
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(54) DEVICES AND METHODS FOR STIM-
ULATING NERVES
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A61N 1/36 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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pany, L.P.
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(54) Selectors for nozzles and memory ele-
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B41J 2/045 (2006.01)

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Mohan Kumar; HALL, Brendan
(74) FB Rice Pty Ltd

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ments
(51) Int. Cl.
B41J 2/045 (2006.01)
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(72) NG, Boon Bing; PAN, Rui; SUDHAKAR,
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(71) Hipsley, A.
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(21) 2021205095 (22) 15.07.2021
(54) SYSTEMS AND METHODS FOR AF-
FECTING THE BIOMECHANICAL
PROPERTIES OF CONNECTIVE TIS-
SUE
(51) Int. Cl.
A61B 18/18 (2006.01)
A61B 18/20 (2006.01)
A61F 9/007 (2006.01)
A61F 9/008 (2006.01)
(43) 12.08.2021
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(72) Hipsley, AnnMarie
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(54) SCHEDULING REQUEST PRO-
CESSING METHOD AND TERMINAL
DEVICE
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H04W 72/04 (2009.01)
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Haifeng
(74) Phillips Ormonde Fitzpatrick

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ASSEMBLY AND AROMA DIFFUSER
APPARATUS
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A61L 9/03 (2006.01)
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(74) Madderns Pty Ltd

(71) Hunter Douglas, Inc.
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A47H 1/00 (2006.01)
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N.
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(54) CARTRIDGE FOR A LIQUID-COOLED
PLASMA ARC TORCH
(51) Int. Cl.
H05H 1/34 (2006.01)
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Sanders, Nicholas A.
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Panels for Forming a Covering
(51) Int. Cl.
E04F 15/02 (2006.01)
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Christiaan
(74) IP SOLVED (ANZ) PTY. LTD.

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(11) AU-A-2021205111
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(54) Methods, systems and devices for pre-
operatively planned adaptive glenoid
implants
(51) Int. Cl.
A61F 2/30 (2006.01)
A61B 17/17 (2006.01)
A61F 2/40 (2006.01)
A61F 2/46 (2006.01)
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FOLR1 cancer therapy
(51) Int. Cl.
A61K 39/395 (2006.01)
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leen R.; Payne, Gillian; Ladd, Sharron
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(71) Intuit Inc. (11) AU-A-2021205120 (21) 2021205120 (22) 16.07.2021 (54) Method and system for searching for and navigating to user content and other user experience pages in a financial management system with a customer self-service system for the financial management system (51) Int. Cl. G06Q 10/10 (2012.01) G06F 3/048 (2013.01) G06F 16/00 (2019.01) G06Q 50/10 (2012.01) (43) 12.08.2021 (62) 2017343463 (72) Goodyear, Todd Frey; Indyk, Benjamin; Podgorny, Igor A.; Gielow, Christopher C.; Chay, Jonathan (74) Davies Collison Cave Pty Ltd	(71) Janssen Sciences Ireland UC (11) AU-A-2021206827 (21) 2021206827 (22) 21.07.2021 (54) Sulphamoylpyrrolamide derivatives and the use thereof as medicaments for the treatment of Hepatitis B (51) Int. Cl. C07D 207/40 (2006.01) A61K 31/401 (2006.01) A61P 31/00 (2006.01) (43) 12.08.2021 (62) 2019236657 (72) Vandyck, Koen; Hache, Geerwin Yvonne Paul; Last, Stefaan Julien; McGowan, David Craig; Rombouts, Geert; Verschueren, Wim Gaston; Raboisson, Pierre Jean-Marie Bernard (74) Shelston IP Pty Ltd.	(71) Keygene N.V. (11) AU-A-2021206832 (21) 2021206832 (22) 21.07.2021 (54) Method for the production of haploid and subsequent doubled haploid plants (51) Int. Cl. C07K 14/415 (2006.01) A01H 1/08 (2006.01) C12N 15/82 (2006.01) (43) 12.08.2021 (62) 2016331020 (72) Op Den Camp, Rik Hubertus Martinus; Van Dijk, Peter Johannes; Gallard, Anthony (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021206839 (22) 21.07.2021
 (54) Image encoding/decoding method and device therefor
 (51) Int. Cl.
H04N 19/13 (2014.01)
H04N 19/119 (2014.01)
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 (51) Int. Cl.
A47L 9/28 (2006.01)
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 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/132 (2014.01)
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 (54) Dual wire welding or additive manufacturing system and method
 (51) Int. Cl.

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 (54) GOLF CLUB ALIGNMENT DEVICES
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A63B 69/36 (2006.01)
A63B 53/04 (2015.01)
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 (74) LEGALVISION ILP PTY. LTD.

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 (11) AU-A-2021202232
 (21) 2021202232 (22) 27.01.2021
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 (31) 62/966,484 (32) 27.01.20 (33) US
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 (54) CUTTABLY REPLACEABLE BULB SEAL
 (51) Int. Cl.
B60R 13/06 (2006.01)
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 (54) Localization determination for mixed reality systems
 (51) Int. Cl.
G06T 15/10 (2011.01)
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 (54) Eyelid shape estimation using eye pose measurement
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A61B 3/14 (2006.01)
G06K 9/00 (2006.01)
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 (54) Eyelid shape estimation
 (51) Int. Cl.
A61B 3/10 (2006.01)
A61B 3/11 (2006.01)
A61B 3/14 (2006.01)
G06K 9/00 (2006.01)
G06K 9/46 (2006.01)
G06T 1/00 (2006.01)
G06T 11/20 (2006.01)
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E04H 12/34 (2006.01)
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 (74) Alan Christopher Maguire

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 (54) DEVICES, METHODS, AND SYSTEMS FOR PRIMING, SEPARATING, AND COLLECTING BLOOD COMPONENTS
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A61M 1/02 (2006.01)
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 (72) Briggs, Dennis; Do, Simon; Rabeno, Eric; Sangare, Abdoulaye; Vandlik, Mark; Fluck, Vicki; Turek, Christopher
 (74) Phillips Ormonde Fitzpatrick

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A01N 65/40 (2009.01)

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(54) PHARMACEUTICAL COMPOSITION
(51) Int. Cl.
A61K 31/40 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4704 (2006.01)
A61K 31/56 (2006.01)
A61P 11/00 (2006.01)

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(72) Corr, Stuart; Noakes, Timothy James
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(71) Middleton Mixology LLC
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(54) Smoker
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A23B 4/044 (2006.01)
A23L 27/27 (2016.01)
(31) 62/967,081 (32) 29.01.20 (33) US
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(72) MIDDLETON, James Dean
(74) WRAYS PTY LTD

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(54) High power battery-powered system
(51) Int. Cl.
H02K 11/00 (2016.01)
H02K 5/22 (2006.01)
H02K 9/02 (2006.01)
H02M 7/5387 (2007.01)
H02P 6/08 (2016.01)
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(74) Griffith Hack

(71) Minelab Electronics Pty. Limited
(11) AU-A-2021200526
(21) 2021200526 (22) 28.01.2021
(54) AN IMPROVED METAL DETECTOR
(51) Int. Cl.
G01V 3/10 (2006.01)
G01P 3/52 (2006.01)
G01V 3/165 (2006.01)
G01V 3/38 (2006.01)
G01R 29/027 (2006.01)
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(72) Huang, Ruifeng; Mah, Eng Leng
(74) Madderns Pty Ltd

(71) Minnetronix, Inc.
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(54) SYSTEMS, CATHETERS, AND METHODS FOR TREATING ALONG THE CENTRAL NERVOUS SYSTEM
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A61M 25/00 (2006.01)
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(72) Hedstrom, Blake; Mondry, Jack; Lad, Shivanand P.; McCabe, Aaron R.; Verbick, Laura Marie Zitella; Stoll, Matthew
(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

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(54) Artificial Intelligence Based Perceptual Video Quality Assessment System
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H04N 19/154 (2014.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
H04N 17/00 (2006.01)
H04N 21/23 (2011.01)
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(72) Shinde, Manoj; Jamil, Danish; Sinha, Abhit
(74) A.P.T. Patent and Trade Mark Attorneys

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(21) 2021205039 (22) 14.07.2021
(54) Method of viral inhibition
(51) Int. Cl.
A61K 31/203 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(54) A core tray
(51) Int. Cl.
B65D 1/36 (2006.01)
B65D 21/02 (2006.01)
B65D 25/10 (2006.01)
B65D 25/20 (2006.01)
B65D 25/28 (2006.01)
B65D 81/26 (2006.01)
B65D 85/20 (2006.01)
E21B 25/00 (2006.01)
(31) 2020900221 (32) 28.01.20 (33) AU

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(72) MOORE, Simon Timothy; WILDER, John
(74) Patenteur Pty Ltd

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(54) Systems and methods for patient-specific dosing
(51) Int. Cl.
G06F 17/40 (2006.01)
A61M 5/168 (2006.01)
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(71) M-TECHX. INC.
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(54) Nanofiber production device and nanofiber production method
(51) Int. Cl.
D01D 5/08 (2006.01)
D04H 3/16 (2006.01)
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(74) Griffith Hack

(71) MuPharma Pty Ltd
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(21) 2021205134 (22) 19.07.2021
(54) Non-invasive agent applicator
(51) Int. Cl.
A61M 37/00 (2006.01)
A61N 1/30 (2006.01)
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(21) 2021205051 (22) 14.07.2021
(54) Compositions and methods for inhibiting the biological activity of soluble biomolecules
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 9/00 (2006.01)
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Navipharma Co, Ltd see University-Industry Cooperation Group of Kyung Hee University
(21) 2021205078

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(51) Int. Cl.

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G06F 16/27 (2019.01)

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(72) Chen, Andrew; Brand, Christopher; Ellis, Daniel P.; Gutarin, Alex
(74) FPA Patent Attorneys Pty Ltd

(71) Netflix, Inc.
(11) AU-A-2021206826
(21) 2021206826 (22) 21.07.2021
(54) Acceleration system for facilitating processing of API calls
(51) Int. Cl.

H04L 29/08 (2006.01)

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(72) Poirrey, Olivier Jean
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(71) Niantic, Inc.
(11) AU-A-2021206838
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(54) Self-supervised training of a depth estimation model using depth hints
(51) Int. Cl.

G06T 7/55 (2017.01)
G06N 20/00 (2019.01)

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(72) WATSON, James; FIRMAN, Michael; BROSTOW, Gabriel J.; TURMUKHAM-BETOV, Daniyar
(74) FB Rice Pty Ltd

(71) Northern Vineyard Services Pty Ltd
(11) AU-A-2020256350
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(54) Agricultural vehicle attachment and related system and method for post driving
(51) Int. Cl.

A01G 17/16 (2006.01)
A01B 51/04 (2006.01)
E02D 7/02 (2006.01)
E02D 7/06 (2006.01)
E02D 7/16 (2006.01)
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(72) Huett, Darren Raymond
(74) COOPER IP PTY. LTD.

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(54) Method of manufacturing bispecific antibodies, bispecific antibodies and therapeutic use of such antibodies
(51) Int. Cl.

C07K 16/00 (2006.01)

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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2021206782
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(54) SAMPLE EXTRACTION DEVICE AND METHODS OF USE THEREOF
(51) Int. Cl.

A61B 10/00 (2006.01)
A61B 10/02 (2006.01)
C12M 1/26 (2006.01)
C12M 1/30 (2006.01)

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

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(54) Base station and cell setting method
(51) Int. Cl.

H04W 88/08 (2009.01)

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(54) EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE
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(21) 2021205107 (22) 16.07.2021
(54) Robotic picking systems and devices
(51) Int. Cl.

B65G 1/04 (2006.01)

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(21) 2021206859 (22) 22.07.2021
(54) Picking systems and methods
(51) Int. Cl.

B65G 1/04 (2006.01)

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C07D 471/02 (2006.01)
A61K 31/437 (2006.01)
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A61M 25/06 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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G02B 6/38 (2006.01)
H01R 13/631 (2006.01)
H01R 13/639 (2006.01)
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H01Q 13/08 (2006.01)
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(54) Combinations of cannabinoids and N-acylethanolamines
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A61K 31/352 (2006.01)
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A61K 45/06 (2006.01)
A61P 25/04 (2006.01)
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(54) OCULAR DELIVERY SYSTEMS AND METHODS
(51) Int. Cl.
A61F 11/00 (2006.01)
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(54) Compounds effective in treating hepatotoxicity and fatty liver diseases and uses thereof
(51) Int. Cl.
C07C 51/215 (2006.01)
A61K 31/191 (2006.01)
A61K 31/351 (2006.01)
A61K 31/357 (2006.01)
A61P 1/16 (2006.01)

A61P 13/12 (2006.01)
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C07D 319/06 (2006.01)
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(54) SKI STRAP ASSEMBLY AND HANGING DEVICE FOR SKI STRAP
(51) Int. Cl.
A63C 11/02 (2006.01)
A45F 5/00 (2006.01)
F16M 13/02 (2006.01)
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(74) Phillips Ormonde Fitzpatrick

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(54) Closed system catheter
(51) Int. Cl.
A61M 25/00 (2006.01)
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(54) FULL SPECTRUM ELECTRO-MAGNETIC ENERGY SYSTEM
(51) Int. Cl.
H02N 11/00 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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(54) TIME-RELEASE TABLET AND METHODS
(51) Int. Cl.
C02F 1/50 (2006.01)
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(51) Int. Cl.
A23F 5/24 (2006.01)
A23F 3/16 (2006.01)
A23F 3/18 (2006.01)
A23F 3/40 (2006.01)
A23F 5/26 (2006.01)
A23F 5/48 (2006.01)
A47J 31/00 (2006.01)
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(54) Compositions derived from placenta and methods of producing the same
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A61L 27/36 (2006.01)
A61L 27/56 (2006.01)
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(54) SENSOR APPARATUS AND ASSOCIATED SYSTEMS AND METHODS
(51) Int. Cl.
A61B 5/103 (2006.01)
A01K 29/00 (2006.01)
G01P 15/08 (2006.01)
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(71) Sutton, N.
(11) AU-A-2021205121

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(54) HOUSING SYSTEM USING ERECT-ABLE SHELTER MODULES
(51) Int. Cl.
E04B 1/343 (2006.01)
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E04H 1/00 (2006.01)
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(54) Heap Leaching
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(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/422 (2006.01)
A61P 31/04 (2006.01)

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(54) Method for estimating tire grip
(51) Int. Cl.
B60C 23/04 (2006.01)
G01M 17/02 (2006.01)
(31) 62/966,652 (32) 28.01.20 (33) US
(43) 12.08.2021
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(54) Isotretinoin formulations and uses and methods thereof
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 9/48 (2006.01)
A61Q 19/00 (2006.01)
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(54) EXTRACTING AND ENHANCING A WATERMARK SIGNAL FROM AN OUTPUT SIGNAL OF A WATERMARK-ING ENCODER
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G10L 19/018 (2013.01)
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(72) BLESSER, Barry
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F02D 11/10 (2006.01)
B60K 26/02 (2006.01)
G05D 1/02 (2020.01)
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(21) 2021206780 (22) 19.07.2021
(54) Compositions and methods for synthesizing 5'-Capped RNAs
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C07H 21/02 (2006.01)
A23L 33/13 (2016.01)
A61K 31/7115 (2006.01)

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(21) 2021200230 **(22)** 15.01.2021
(54) Adaptive brake mode selection
(51) Int. Cl.
B60T 7/12 (2006.01)
B60W 40/105 (2012.01)
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(54) DETERMINING AND PROVIDING PREDETERMINED LOCATION DATA POINTS TO SERVICE PROVIDERS
(51) Int. Cl.
G06Q 50/30 (2012.01)
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(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

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(54) Novel lactic acid bacteria and use thereof
(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 31/722 (2006.01)
A61K 31/732 (2006.01)
A61K 31/733 (2006.01)
A61K 35/745 (2015.01)
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C12R 1/01 (2006.01)
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(54) Recombinant AAV variants and uses thereof
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A61K 35/76 (2015.01)
C12N 15/09 (2006.01)
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(54) Compositions and methods for improving nanopore sequencing
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/11 (2006.01)
G01N 27/26 (2006.01)
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(51) Int. Cl.
E21B 33/13 (2006.01)
E21B 33/05 (2006.01)
E21D 11/10 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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G01N 33/53 (2006.01)

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(21) 2021205049 **(22)** 14.07.2021
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G01J 1/04 (2006.01)
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(54) Apparatus for dewatering and demineralization of fine particles
(51) Int. Cl.
B01F 3/12 (2006.01)
B01F 5/06 (2006.01)
B01F 7/00 (2006.01)
B01F 11/00 (2006.01)
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(74) Griffith Hack

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(54) Treatments for resistant acne
(51) Int. Cl.
C07D 513/04 (2006.01)
A61K 9/06 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/55 (2006.01)
A61K 45/06 (2006.01)
A61P 17/10 (2006.01)
A61P 31/04 (2006.01)
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(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

(71) Wallgarden Pty Ltd
(11) AU-A-2021205062
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(54) Vertical Garden Systems and Methods
(51) Int. Cl.
A01G 9/02 (2018.01)
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(54) A VERTICAL BATTEN
(51) Int. Cl.
E04F 13/07 (2006.01)
E04D 12/00 (2006.01)
(43) 12.08.2021
(62) 2019208195
(72) WEBSTER, Graeme
(74) AJ PARK

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Advertising Pty Ltd
(21) 2021200180

(71) Westinghouse Air Brake Technologies Corporation
(11) AU-A-2021205118
(21) 2021205118 (22) 16.07.2021
(54) TRAIN PARKING OR MOVEMENT VERIFICATION AND MONITORING SYSTEM AND METHOD
(51) Int. Cl.
B61L 25/00 (2006.01)
B61L 23/00 (2006.01)
(43) 12.08.2021
(62) 2016204965
(72) Huchrowski, Frank
(74) Phillips Ormonde Fitzpatrick

WILDER, J. see MOORE, S.T.
(21) 2020277280

(71) Willow Innovations, Inc.
(11) AU-A-2021205014
(21) 2021205014 (22) 13.07.2021
(54) Breast pump system and methods
(51) Int. Cl.
A61M 1/06 (2006.01)
(43) 12.08.2021
(62) 2019210590
(72) Makower, Joshua; Chang, John Y.; Donohoe, Brendan M.; Wang, Sharon Lam; Torosis, Michele; Bright II, Earl
(74) Davies Collision Cave Pty Ltd

(71) Wintermute Biomedical, Inc.
(11) AU-A-2021206820
(21) 2021206820 (22) 20.07.2021
(54) THERAPEUTIC COMPOSITIONS
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/198 (2006.01)
A61K 45/06 (2006.01)
A61P 31/04 (2006.01)
(43) 12.08.2021
(62) 2019355862
(72) Rau, Thomas F.; Rogers, Geoffrey W.
(74) RNB IP PTY LTD

(71) Wix.com Ltd.
(11) AU-A-2021205057
(21) 2021205057 (22) 14.07.2021
(54) System and method for automated conversion of interactive sites and applications to support mobile and other display environments
(51) Int. Cl.
G06F 17/00 (2019.01)
(43) 12.08.2021
(62) 2019202677
(72) Ben-Aharon, Roni; Abrahami, Nadav
(74) Cotters Patent & Trade Mark Attorneys

(71) ZaVargê Pty Ltd
(11) AU-A-2021206830
(21) 2021206830 (22) 21.07.2021
(54) Improvements in Bedding
(51) Int. Cl.
A47G 9/02 (2006.01)
(43) 12.08.2021
(62) 2016292945
(72) SAVAGE, Shane; SAVAGE, Janine
(74) Wallington-Dummer

(71) Zebra Technologies Corporation
(11) AU-A-2020289828
(21) 2020289828 (22) 17.12.2020
(54) Methods and apparatus to image objects using docked handheld imagers
(51) Int. Cl.
G06K 7/10 (2006.01)
(31) 16/774,115 (32) 28.01.20 (33) US
(43) 12.08.2021
(72) TORZILLI, Charles
(74) Spruson & Ferguson

(71) Zeld Therapeutics Operations Pty Ltd
(11) AU-A-2021205115
(21) 2021205115 (22) 16.07.2021
(54) Cannabis Composition
(51) Int. Cl.
A61K 31/352 (2006.01)
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A61P 35/00 (2006.01)
(43) 12.08.2021
(62) 2019203529
(72) KARELIS, HARRY; GORDON, MARA; SMITH, STEWART; WASHER, STEWART
(74) Griffith Hack

(71) ZETCO VALVES PTY LTD.
(11) AU-A-2021200125
(21) 2021200125 (22) 11.01.2021
(54) A Fire Hose Installation and Method
(51) Int. Cl.
F16L 21/02 (2006.01)
F16L 13/14 (2006.01)
F16L 15/00 (2006.01)
A62C 35/20 (2006.01)
(31) 2020900229 (32) 29.01.20 (33) AU

(43) 12.08.2021
(72) MICHAELS, Scott
(74) Fraser Old & Sohn

(71) ZETCO VALVES PTY LTD.
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(54) A Fire Hose Installation and Method
(51) Int. Cl.
F16L 21/02 (2006.01)
F16L 13/14 (2006.01)
F16L 15/00 (2006.01)
A62C 35/20 (2006.01)
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(72) MICHAELS, Scott
(74) Fraser Old & Sohn

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E21D 20/00 (2006.01)
E21B 7/20 (2006.01)
E21B 10/26 (2006.01)
E21D 21/00 (2006.01)
E21D 20/02 (2006.01)
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A61B 34/10 (2016.01)
G06F 3/01 (2006.01)
G06T 19/00 (2011.01)
G09B 5/02 (2006.01)
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G05B 15/02 (2006.01)
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H04L 12/28 (2006.01)
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F24T 10/17 (2018.01)
C02F 1/04 (2006.01)
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B60H 1/20 (2006.01)
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G05B 23/02 (2006.01)
F02C 7/057 (2006.01)
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A23G 3/54 (2006.01)
A23L 33/155 (2016.01)
A23P 20/20 (2016.01)
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C08G 71/04 (2006.01)
E02D 3/12 (2006.01)
C09K 17/00 (2006.01)
E21C 41/18 (2006.01)
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H01M 10/0565 (2010.01)
C07F 9/38 (2006.01)
H01M 4/134 (2010.01)
H01M 4/66 (2006.01)
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C05F 5/00 (2006.01)
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B63G 8/00 (2006.01)
G01C 11/04 (2006.01)
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(54) Air treatment cabin
(51) Int. Cl.
F24F 8/97 (2021.01)
B08B 15/02 (2006.01)
B60H 3/06 (2006.01)
F24F 7/06 (2006.01)
F24F 8/15 (2021.01)
F24F 8/158 (2021.01)
B64D 13/06 (2006.01)
E04H 1/12 (2006.01)
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(51) Int. Cl.
B01J 31/06 (2006.01)
B01J 23/755 (2006.01)
B01J 35/00 (2006.01)
B01J 37/02 (2006.01)
C08F 2/44 (2006.01)
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A47L 11/38 (2006.01)
A47L 5/22 (2006.01)
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H04B 5/00 (2006.01)
B67D 7/14 (2010.01)
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B60R 19/52 (2006.01)

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(74) Baxter Patent Attorneys Pty Ltd

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(51) Int. Cl.

H01Q 1/12 (2006.01)**E04G 23/02** (2006.01)**H02G 3/04** (2006.01)**H02G 5/06** (2006.01)**H05K 7/14** (2006.01)**E04H 12/08** (2006.01)

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CHINA RAILWAY 18 BUREAU GROUP CO.
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D06M 11/83 (2006.01)
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B82Y 40/00 (2011.01)
D06M 10/02 (2006.01)
D06M 10/06 (2006.01)
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 Kushwaha, Alok kumar; SINHA, G R
(74) Dr. Sumit Srivastava

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G01C 21/00 (2006.01)
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G08B 21/04 (2006.01)
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A23D 9/02 (2006.01)
C11B 1/02 (2006.01)
C11B 1/12 (2006.01)
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A23J 1/00 (2006.01)

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F41C 33/06 (2006.01)

F16B 21/09 (2006.01)

B60R 7/14 (2006.01)

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A01N 1/02 (2006.01)

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C12Q 1/6895 (2018.01)

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2021103009	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	2021103450	Changzhou Campus of Hehai University
2021103053	Xu, Z.	2021103451	Indefatigable Holdings Pty Ltd
2021103092	MercuryPM Pty Ltd	2021103452	Tianjin Research Institute for Water Transport Engineering, M.O.T.
2021103118	Xuzhou University of Technology	2021103455	Zhejiang Normal University Xingzhi College
		2021103456	Cruel Sea Technologies Pty Ltd
		2021103457	XUZHOU UNIVERSITY OF TECHNOLOGY
		2021103458	Shandong Jianzhu University
		2021103460	Maxtrax Australia Pty Ltd
		2021103461	Chinese Research Academy of Environmental Sciences
		2021103466	Hasler, R.
		2021103468	T., A.K.; Chandriah, K.K.; Manihar, S.; Thakur, V.S.; S., D.; Irrinki, M.K.; M. K., J.K.; Jule, L.T.; V., S.; T., S.L.
		2021103473	Devarajan, B.; M, P.; V, B.; B, A.; L, R.; A K, P.
		2021103488	GARIMELLA, R.C.
		2021103491	GANESAN, J.; Raaza, A.; Senthilnathan, N.; Srinivasan, N.; Srinivasan, S.; Jaganathan, K.; Kannan, N.; Akhil, S.; Goel, S.; S, P.
		2021103500	Beijing University of Technology
		2021103501	Beijing University of Technology
		2021103504	Beijing University of Technology
		2021103509	NAVAL AVIATION UNIVERSITY
		2021103510	Shenzhen University
		2021103513	Southwest University
		2021103514	Skoblar-Wright, N.
		2021103515	National University of Defense Technology
		2021103516	Sciences, U.A.; Kumar, M.K.P.; Parivallal, P.B.; Mahesh, H.B.; Prasad, S.R.
		2021103517	Sciences, U.A.; Prasanna Kumar, M.K.; Parivallal, P.B.; Mahesh, H.B.; Prasad, S.R.

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2021103519	Satish Virnodkar, S.; Pachghare, V.; Patil, S.; Patil, V.C.; Kumar Jha, S.; Devanand Bathe, K.; Amit Desai, M.; Tawade, A.
2021103520	Prabhakar Gaikwad, V.; Musande, V.; B. Nemade (Pat-il), S.
2021103523	Hasan, R.; Palaniappan, S.; Mahmood, S.; Asif Hus-sain, S.
2021103524	Jiangsu University
2021103525	Marlborough Oysters Limited
2021103528	LeBLANC PTY LTD
2021103529	Qingdao Agricultural University
2021103531	Wuhan Shernbao Pet Products Manufacturing Co., Ltd.
2021103532	Shandong Normal University
2021103536	Chinese Academy of Inspection and Quarantine
2021103541	FACE FOOTY'S PTY LTD
2021103543	Yianni, T.
2021103547	Wilson, M.
2021103550	Jain, J.; Fatima, M.; Saxena, M.; Kaur, N.; Sahay, S.; Dixit, S.; Gupta, B.; Singh, R.; Khursheed, A.; Khare, K.
2021103561	Medical Apparatus and Equipment Deployment, Nan-fang Hospital, Southern Medical University, Guangzhou, China
2021103562	Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences
2021103565	Binzhou Medical University
2021103566	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University
2021103568	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University
2021103570	Ye, H.; Ma, J.; Chen, G.; Hao, B.; Cai, Y.; Jiang, Z.; Mo, X.
2021103572	Nantong University
2021103579	Shaoguan University; Shenzhen Xihan Health Co.,Ltd.; Guangdong Shichangsheng Cosmetics Manufacturing Co.,Ltd.; Fudan University
2021103580	Southwest Medical University
2021103581	Institute of Cereal and Oil Crops Hebei Academy of Agri. and Fore. Sci.; Guantao County Huayezhuangy-uan Black Wheat Industry Co. Ltd
2021103586	Vermeulen, A.
2021103588	BRAVAT GLOBAL PTY LTD
2021103589	Guangdong University of Education
2021103592	Zhejiang Institute of Garden Plants and Flowers (Zheji-ang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)
2021103593	Xinjiang Agricultural University
2021103594	Institute of Cereal and Oil Crops, Hebei Academy of Ag-riculture and Forestry Sciences
2021103596	Guangzhou Procept Biotech Co., Ltd.
2021103597	Pranveer Singh Institute of Technology Kanpur; Integral University Lucknow
2021103600	Aligarh Muslim University, Aligarh, India
2021103602	GRAPHIC ERA (DEEMED TO BE) UNIVERSITY
2021103603	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021103604	Central South University
2021103605	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021103609	Bhardwaj, S.; Kumar, N.; Malik, G.
2021103614	Southwest Medical University
2021103616	Clavijo Soto, J.D.; Clavijo Soto, J.C.
2021103617	Institute of Water Resources for Pastoral Area,MWR
2021103620	Pitt, K.
2021103622	Saidian, S.
2021103623	Good Water Energy Ltd

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2021102085	<u>F42D 3 /-</u>	<u>G05B 11 /-</u>	2021102822	2021102950	2021103491
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2021103215		2021103491	2021103500		2021103491
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- (*) Title not in Roman characters
 (**) Title not given

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F16G 11/14 (2006.01)
A01K 61/65 (2017.01)
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B60P 7/13 (2006.01)
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B65D 90/48 (2006.01)
G01B 11/16 (2006.01)
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C05F 11/00 (2006.01)
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C08L 1/00 (2006.01)
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G06N 5/02 (2006.01)
G06Q 10/00 (2012.01)
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H04L 9/32 (2006.01)
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A01C 7/20 (2006.01)
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C07D 401/14 (2006.01)
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apparatus and method for generating
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sound source
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C07D 217/26 (2006.01)
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A61K 9/00 (2006.01)
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including NK cells
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A61P 31/04 (2006.01)
A61K 35/17 (2015.01)
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C12N 5/0783 (2010.01)
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A61K 39/395 (2006.01)
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E21B 44/00 (2006.01)
E21C 25/06 (2006.01)
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F02B 37/12 (2006.01)
F02B 37/24 (2006.01)
F02D 23/00 (2006.01)

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A61F 9/00 (2006.01)
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F25D 23/12 (2006.01)
A23L 3/365 (2006.01)
H05B 6/10 (2006.01)
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H04W 74/00 (2009.01)
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(54) Motion vector predictor list generation
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H04N 19/52 (2014.01)
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B32B 3/00 (2006.01)
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B32B 27/36 (2006.01)
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C08L 89/06 (2006.01)
C08H 1/02 (2006.01)
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C08J 3/24 (2006.01)
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(51) Int. Cl.
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(51) Int. Cl.
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(51) Int. Cl.
A61M 16/06 (2006.01)
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(51) Int. Cl.
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A61K 9/00 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
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F41A 25/00 (2006.01)
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(51) Int. Cl.
B33Y 10/00 (2015.01)
B29C 64/141 (2017.01)
B29C 64/241 (2017.01)
B29C 64/268 (2017.01)
B29C 64/295 (2017.01)
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B33Y 30/00 (2015.01)
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(74) WRAYS PTY LTD
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- (71)** Riken; Keio University
(11) AU-A-2020218984
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(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 35/74 (2015.01)
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A61K 38/45 (2006.01)
A61P 17/00 (2006.01)
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A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/08 (2006.01)
A61P 43/00 (2006.01)
C12N 1/20 (2006.01)
G01N 33/50 (2006.01)
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(51) Int. Cl.
C22C 3/00 (2006.01)
C22C 5/02 (2006.01)
C23F 1/16 (2006.01)
C25F 3/02 (2006.01)
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B65D 1/02 (2006.01)
A01N 25/34 (2006.01)
A61F 9/00 (2006.01)
A61L 12/08 (2006.01)
B65D 81/24 (2006.01)
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(51) Int. Cl.
E04G 21/32 (2006.01)
H02S 20/23 (2014.01)
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B29C 53/56 (2006.01)
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B29C 53/82 (2006.01)
B29L 23/00 (2006.01)
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E21B 29/10 (2006.01)
E21B 33/127 (2006.01)
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C07K 16/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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WEIL, Sandra
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(74) Griffith Hack

(71) Sanofi-Aventis Deutschland GmbH; Technische Universität Berlin
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C12P 21/00 (2006.01)
C12N 9/04 (2006.01)
C12N 9/10 (2006.01)
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(54) Improved antibody-oligonucleotide conjugate
(51) Int. Cl.
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A61P 35/00 (2006.01)
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(51) Int. Cl.
A61K 47/64 (2017.01)
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(54) Antibody drug conjugates (ADC) containing saponin
(51) Int. Cl.
A61K 47/64 (2017.01)
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A61P 35/00 (2006.01)
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(74) Griffith Hack

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(54) Saponin conjugates
(51) Int. Cl.
A61K 47/55 (2017.01)
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(54) Improved cell-targeting binding molecule

(51) Int. Cl.
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A01N 25/30 (2006.01)
A01N 37/10 (2006.01)
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G07C 9/22 (2020.01)
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G10L 15/00 (2013.01)
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B63G 5/00 (2006.01)
B63G 8/00 (2006.01)
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F42B 10/14 (2006.01)
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A01P 13/02 (2006.01)
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(11) AU-A-2019413418
(21) 2019413418 (22) 24.12.2019
(54) Miniature circuit breaker
(51) Int. Cl.
H01H 71/10 (2006.01)
H01H 71/58 (2006.01)
(87) WO2020/135386
(31) 201811621795.2 (32) 28.12.18 (33) CN
(43) 02.07.2020
(72) LU, Kejun; GU, Xiangyi
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Zhejiang CHINT Electrics Co., Ltd.
(11) AU-A-2019412346
(21) 2019412346 (22) 24.12.2019
(54) Miniature circuit breaker
(51) Int. Cl.
H01H 71/10 (2006.01)
H01H 71/58 (2006.01)
(87) WO2020/135410
(31) 201811623159.3 (32) 28.12.18 (33) CN
201811621759.6 28.12.18 CN
(43) 02.07.2020
(72) LU, Kejun; GU, Xiangyi
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Zhejiang CHINT Electrics Co., Ltd.
(11) AU-A-2019416473
(21) 2019416473 (22) 24.12.2019
(54) Miniature circuit breaker
(51) Int. Cl.
H01H 71/10 (2006.01)
H01H 71/58 (2006.01)
(87) WO2020/135398
(31) 201811621766.6 (32) 28.12.18 (33) CN
(43) 02.07.2020
(72) LU, Kejun; GU, Xiangyi
(74) IP SOLVED (ANZ) PTY. LTD.
-
- (71) Zirbone
(11) AU-A-2019407770
(21) 2019407770 (22) 17.12.2019
(54) Device for guided bone regeneration and production method
(51) Int. Cl.
A61L 31/02 (2006.01)
(87) WO2020/127291
(31) 18306770.1 (32) 20.12.18 (33) EP
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- (43) 25.06.2020
(72) BADAoui, Ralphe; NAMMOUR, Joseph
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) ZTE Corporation
(11) AU-A-2020208515
(21) 2020208515 (22) 13.01.2020
(54) Method and device for sending and receiving wake up signal, and electronic device
(51) Int. Cl.
H04W 52/02 (2009.01)
(87) WO2020/147686
(31) 201910108919.5 (32) 18.01.19 (33) CN
(43) 23.07.2020
(72) LIU, Xu; DAI, Bo; SHA, Xiubin
(74) Davies Collison Cave Pty Ltd

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2018298202	Teeter, M.	2019410643	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2018452488	Geyser Batteries Oy	2019410727	Actelion Pharmaceuticals Ltd
2018454882	CRRC Qishuyan Institute Co., Ltd.	2019411188	Amicro Semiconductor Co., Ltd.
2018456006	Kimberly-Clark Worldwide, Inc.	2019411276	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin
2018456008	Kimberly-Clark Worldwide, Inc.	2019411278	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin
2018456019	Avava, Inc.	2019411289	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin
2018456069	Kimberly-Clark Worldwide, Inc.	2019411467	Sanofi-Aventis Deutschland GmbH; Technische Universität Berlin
2019335857	Lifeflow Sp. z o.o.	2019411973	Kyoto University; Takeda Pharmaceutical Company Limited
2019388551	Ghost Robotics LLC	2019412346	Zhejiang CHINT Electrics Co., Ltd.
2019398326	W. L. Gore & Associates, Inc.	2019412355	Beijing Geekplus Technology Co., Ltd.
2019400472	Ac-Planta Inc.	2019412448	Dr. Rolf Lambert Pharma-Consulting GmbH
2019400630	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin	2019412507	Companhia Brasileira de Alumínio
2019400788	Transfection Holdings Limited	2019412559	S.m.p. S.r.l.
2019400857	Re-Vana Therapeutics Ltd	2019412561	Sanofi
2019400901	Commissariat a l'Energie Atomique et aux Energies Alternatives; Davey, B.	2019412815	Ecometales Limited
2019400946	Ozone 1 Pty Ltd	2019412825	Buzzelet Development And Technologies Ltd.
2019401027	Leonardo S.p.A.	2019412831	BPG Sales and Technology Investments, LLC
2019401055	Maichen, S.D.	2019413075	Enabler Ltd.
2019401183	Cue Biopharma, Inc.	2019413100	DIC Corporation
2019401416	Medtronic Minimed, Inc.	2019413360	SPV Therapeutics Inc.
2019401518	The Regents of the University of California	2019413366	GigaGen, Inc.
2019401805	Equinor Energy AS	2019413418	Zhejiang Chint Electrics Co., Ltd.
2019403351	Epiccypher, Inc.	2019413421	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Shouyao Holdings (Beijing) Co., Ltd.
2019403389	Schlage Lock Company LLC	2019413683	SPV Therapeutics Inc
2019403566	TeselaGen Biotechnology Inc.	2019413690	GigaGen, Inc.
2019403612	POSCO; Research Institute of Industrial Science & Technology	2019413789	Buzzelet Development and Technologies Ltd.
2019404442	Skyland Analytics Inc.	2019413799	Chairman, Defence Research and Development Organisation (DRDO)
2019404558	The Steadman Clinic and Steadman Philippon Research Institute	2019414175	Kyocera Corporation
2019404588	W. L. Gore & Associates, Inc.	2019414202	Hirosaki University; Otsuka Pharmaceutical Factory, Inc.
2019404639	Ottawa Hospital Research Institute; Turnstone Biologics Corp.	2019414331	CSL Behring L.L.C.
2019404719	Chong Kun Dang Pharmaceutical Corp.; Samsung Life Public Welfare Foundation	2019414430	Chester Valve Corporation
2019405440	Ambri Inc.	2019414453	Hertzberg, H.F.
2019405752	MBL International Corp.	2019414671	Wilmar (Shanghai) Biotechnology Research & Development Center Co., Ltd.
2019405916	Craft Packaging, LLC	2019414693	Shanghai Archeus Biotech Co., Ltd.
2019405995	Square, Inc.	2019414968	GigaGen, Inc.
2019406820	BlissLights, LLC	2019415156	Royal Melbourne Institute of Technology Limited
2019406998	SumSmart IP Limited	2019415299	Demencare Laboratory Inc.
2019407194	Electric Road Ltd	2019415335	Envision Energy Co., Ltd.
2019407770	Zirbone	2019415414	Shanghai Tusen Weilai Artificial Intelligence Technology Co., Ltd.
2019407826	OzXcorp Pty Ltd	2019415500	KOS Ltd.
2019408277	Paulus, A.M.	2019416108	LifeEdit Therapeutics, Inc.
2019408382	Universite de Strasbourg; INSERM (Institut National de la Santé et de la Recherche Médicale)	2019416187	Twist Bioscience Corporation
2019408549	Re-Vana Therapeutics Ltd	2019416205	ORTHOREBIRTH CO., LTD.; Theradaptive, Inc.
2019408811	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin	2019416473	Zhejiang CHINT Electrics Co., Ltd.
2019408887	Bouzakri, K.; Centre Europeen d'Etude du Diabete	2019416787	Joint Stock Company "BIOCAD"
2019408916	Wecorp Ltd	2019416795	KissTech PTY LTD
2019409025	Pangaea Agrochemicals Limited	2019416895	Sanofi; Weil, S.; Rao, E.; Leuschner, W.; Langer, T.; Hoelper, S.; Engel, K.; Beil, C.; Hessler, G.; Lange, C.; Lemoine, C.; Oezguer Bruederle, S.; Spindler, N.
2019409171	BYD Company Limited	2019417158	Chase Therapeutics Corporation
2019409440	Mitsubishi Power Europe GmbH	2019417284	Chase Therapeutics Corporation
2019409705	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2019417449	Kim, K.E.
2019409992	Small, D.F.	2019417741	Medtronic Navigation, Inc.
2019410026	XL Industries	2019418084	Yunjing Intelligence Technology (Dongguan) Co., Ltd.
2019410030	Poly-clip System GmbH & Co. KG	2019418147	Adama Makhteshim Ltd.
2019410032	Poly-clip System GmbH & Co. KG	2019418406	Kimberly-Clark Worldwide, Inc.
2019410062	Modra Pharmaceuticals B.V.		
2019410148	Ottawa Hospital Research Institute; Turnstone Biologics Corp.		
2019410616	BYD Company Limited		

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2019418585	Equifax Inc.	2020206966	Welltec Oilfield Solutions AG
2019418619	Lofranco, D.	2020207071	Innovacorium, Inc.
2019418679	Poketdream Inc.	2020207081	Astellas Pharma Inc.
2019419248	BPG Sales and Technology Investments, LLC	2020207087	The Methodist Hospital
2019419456	Trice Medical, Inc.	2020207102	Plants Laboratory, Inc.
2019419457	Valerio, T.A.	2020207265	Thomas Jefferson University
2019419507	Enable Injections, Inc.	2020207656	Marker Holdings AG
2019419663	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2020207659	Watergen Ltd.
2019419950	Pippa Technologies Limited	2020207940	Nevro Corp.
2019420325	Rheinmetall Waffe Munition GmbH	2020208125	Huawei Technologies Co., Ltd.
2019420613	Metso Outotec Finland Oy	2020208137	WestRock MWV, LLC
2019421140	Huawei Technologies Co., Ltd.	2020208327	Caterpillar Sarl
2019422095	Jining University; Shandong Inomic Institute of Pharmaceutical Research Co., Ltd	2020208389	Becton, Dickinson and Company
2019422391	Huawei Technologies Co., Ltd.	2020208397	Compass Therapeutics LLC
2019423485	Morello, S.	2020208398	NeoChord, Inc.
2019424043	Adventia Pharma, S.L.; Cabello Rey, A.	2020208418	SBM Life Science Corp.
2019424203	Assy, J.	2020208428	Becton, Dickinson and Company
2019424293	Breville Pty Limited	2020208448	Becton, Dickinson and Company
2019425177	Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften E. V.	2020208453	The Regents of the University of California
2019426170	Solar Sailor Pty Ltd	2020208492	Case Western Reserve University
2019426267	Alacarte Ventures, S.L.	2020208515	ZTE Corporation
2019426333	KBA-Notasys SA	2020208616	Beam Therapeutics Inc.
2019426400	KBA-Notasys SA	2020208816	The University of Birmingham
2019426438	KBA-Notasys SA	2020208861	Telesystem Energy Ltd.
2019426487	Kabushiki Kaisha Toyota Jidoshokki	2020208934	Kreuzer, O.
2019426547	KBA-Notasys SA	2020208994	Response Times Limited
2019426676	Vibrant Technology Pte. Ltd.	2020209005	Lignopura Agrotech Pvt Ltd.
2019426692	Suzhou Microport Orthorecon Co., Ltd.	2020209167	Curza Global, LLC; The University Of Utah Research Foundation
2019427298	CerSci Therapeutics, Inc.	2020209170	Curza Global, LLC; The University Of Utah Research Foundation
2019427789	Daikin Industries, Ltd.	2020209211	Becton, Dickinson and Company
2019427999	Ateliers Busch SA	2020209255	Texol S.r.l.
2019428312	Hattori, H.	2020209365	Noetic Technologies Inc.
2019428406	DISRAD AG	2020209403	Ocado Innovation Limited
2019428667	Siemens Energy Global GmbH & Co. KG	2020209432	Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
2019428668	Soler & Palau Research, S.L.	2020209441	Cell Therapy Limited
2019429303	Takagi Kogyosho Co.,Ltd.	2020209472	Divergent Technologies, Inc.
2019429807	Carl Zeiss Spectroscopy GmbH	2020209490	Synpromics Limited
2019433018	Huawei Technologies Co., Ltd.	2020209794	Ideation AS
2019435117	Kobelco Construction Machinery Co., Ltd.	2020209849	Assurant, Inc.
2019438545	Mitsubishi Electric Corporation	2020209932	Fidelity Information Services, LLC
2019471247	Jiangnan University	2020209936	Sonos, Inc.
2019481267	China University of Mining and Technology, Beijing	2020209939	Sheltered Wings D/B/A Vortex Optics
2020204492	Joint Stock Company "BIOCAD"	2020209954	Hendrickson USA, L.L.C.
2020204698	Celgard, LLC	2020209998	Pfanner Schutzbekleidung GmbH
2020204781	Eterna Immunotherapies NV	2020210033	L & J BIO Co., Ltd.
2020204794	Oribiotech Ltd	2020210046	Farsight Medical Technology (Shanghai) Co., Ltd.
2020204795	Oribiotech Ltd	2020210375	Sony Interactive Entertainment Inc.
2020204802	A&I POWER GROUP INC.	2020210407	Otsuka Pharmaceutical Co., Ltd.
2020204905	Schlumberger Technology B.V.	2020210455	Beijing Scitech-MQ Pharmaceuticals Limited
2020204975	Oribiotech Ltd	2020210541	Société des Produits Nestlé S.A.
2020204990	Stellate Biotherapeutics, Inc.	2020210554	Saltel Industries
2020205040	EnGeneIC Molecular Delivery Pty Ltd	2020210618	Encodia, Inc.
2020205121	Psomagen Inc.	2020210647	MPUSA, LLC
2020205162	Vibrant Ltd.	2020210766	SharkNinja Operating LLC
2020205376	Huawei Technologies Co., Ltd.	2020210796	Locus Robotics Corp.
2020205488	Oro Agri Inc.	2020210809	Iowa State University Research Foundation, Inc.; Metropolitan Water Reclamation District of Greater Chicago Law Department
2020205609	Personal Genome Diagnostics Inc.	2020210829	Calyxia
2020205717	Acuitas Therapeutics, Inc.	2020210847	Teijin Aramid B.V.
2020205851	Astellas Pharma Inc.	2020210857	BIOS Health Limited
2020206014	Oro Agri Inc.	2020210863	Exelixis, Inc.
2020206246	Huawei Technologies Co., Ltd.	2020210884	Synthego Corporation
2020206492	Huawei Technologies Co., Ltd.	2020210900	Korro Bio, Inc.
2020206600	Innotec Motion GmbH	2020210906	Bedgear, LLC
2020206615	Oro Agri Inc.	2020210983	Glycolysis Biomed Co., Ltd
2020206640	Taiho Pharmaceutical Co., Ltd.	2020211000	BeiGene, Ltd.
2020206724	Ondas Networks Inc.	2020211076	Mastelli S.r.l.
2020206823	Huawei Technologies Co., Ltd.	2020211092	Lumus Ltd.
2020206885	Jayben-Russell Pty Ltd		
2020206957	Huawei Technologies Co., Ltd.		

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2020211221	GAMA Healthcare Ltd	2020214310	Laboratory Corporation of America Holdings
2020211290	Haemes GmbH	2020214334	Arizona Board of Regents on behalf of Arizona State University
2020211327	LG Electronics Inc.	2020214406	Qingdao Haier Special Appliance Co., Ltd; Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020211346	Peter Greven GmbH & Co. KG	2020214412	GlaxoSmithKline Intellectual Property Development Limited; Merck Sharp & Dohme B.V.
2020211366	Maricap Oy	2020214430	ConMed Corporation
2020211387	Fyusion, Inc.	2020214459	Erwin Junker Grinding Technology A.S.
2020211407	Millennium Pharmaceuticals, Inc.	2020214628	The Board of Trustees of The Leland Stanford Junior University
2020211408	Amyris, Inc.	2020214641	Hoffman Technologies LLC
2020211412	Janssen Pharmaceutica NV; Montefiore Medical Center	2020214683	Reinhardt UG
2020211435	AblaCare SAS	2020214711	KMTC Vortifer Projektgesellschaft mbH
2020211441	GAIA BioMedicine Inc.	2020214797	Regeneron Pharmaceuticals, Inc.
2020211607	Voit, W.; Lund, B.R.; Lund, C.; Kay, S.; Parker, E.; Zamorano, D.	2020214802	Foghorn Therapeutics Inc.
2020211630	Haier Smart Home Co., Ltd.	2020214804	FMC Corporation
2020211644	Copping Refuse Disposal Site Joint Authority	2020214805	Locus Robotics Corp.
2020211728	ENCEFA	2020214831	The Broad Institute, Inc.
2020211758	Universidad de Sevilla	2020214963	Guala Closures Deutschland GmbH
2020211907	Caterpillar Inc.	2020214973	Komatsu Ltd.
2020211922	The United States of America, as represented by The Secretary, Department of Health and Human Services	2020215036	Holobiome, Inc.
2020211949	Korro Bio, Inc.	2020215044	Monsanto Technology LLC
2020211972	Ab Initio Technology LLC	2020215177	Janssen Pharmaceutica NV
2020211990	Bluebird Bio, Inc.	2020215196	Decco Worldwide Post-Harvest Holdings B.V.; UPL Ltd
2020211992	Dentsply Sirona Inc.	2020215202	Slinger Bag Ltd
2020211993	Hutchinson Industries, Inc.	2020215319	Alpha Ori Technologies Pte. Ltd
2020211994	The Johns Hopkins University	2020215339	Societe Des Produits Nestle SA
2020212041	LGHorizon, LLC	2020215570	LanzaTech, Inc.
2020212059	ICON Health & Fitness, Inc.	2020215592	Spark Therapeutics, Inc.
2020212233	Huawei Technologies Co., Ltd.	2020215611	Detnet South Africa (Pty) Ltd
2020212250	GAMA Healthcare Ltd	2020215673	Incyte Corporation
2020212251	Nuovo Pignone Technologie - S.r.l.	2020215684	Beta Pharma, Inc.
2020212460	Ideation AS	2020215801	Hemispherian AS
2020212558	Emerson Vulcan Holding LLC	2020216056	Sveriges Stärkelseproducenter, Förening U.P.A.
2020212597	AMVAC Hong Kong Limited	2020216062	Skinprotect Corporation Sdn Bhd
2020212622	Breville Pty Limited	2020216100	Kreg Enterprises, Inc.
2020212659	The University of Queensland; PreveCeutical Medical Inc.	2020216108	Amgen Inc.
2020212683	Valorisation-HSJ, Limited Partnership	2020216167	Locus Robotics Corp.
2020212872	Haier Smart Home Co., Ltd.	2020216212	Kabushiki Kaisha Toyota Jidoshokki
2020212963	DMK Nano LLC	2020216330	Abbott Diabetes Care Inc.
2020212987	Sportslinq LLC	2020216355	The Glad Products Company
2020212990	Hutchinson Industries, Inc.	2020216361	Shire-NPS Pharmaceuticals, Inc.; Shi, R.; Jain, S.
2020212995	ACV Auctions INC.	2020216368	Amgen Inc.
2020213077	United States Gypsum Company	2020216392	Locus Robotics Corp.
2020213085	Before Brands, Inc.	2020216396	CPI Card Group - Colorado, INC.
2020213110	Etherdyne Technologies, Inc.	2020216403	ABT Holding Company
2020213121	Alexion Pharmaceuticals, Inc.	2020216405	Genomatica, Inc.
2020213426	The University of Queensland	2020216423	Locus Robotics Corp.
2020213442	Mul-T-Lock Technologies Ltd.	2020216468	Racing Optics, Inc.
2020213443	Oorym Optics Ltd.	2020216494	Board of Regents, The University of Texas System
2020213494	Jin, P.	2020216500	Detnet South Africa (Pty) Ltd
2020213583	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.	2020216817	Topcon Corporation
2020213603	Narrabundah Technology Holdings Pty Ltd	2020217000	Dery, L.; Leivseth, G.; Olsen, O.J.; Wahlstrom, D.
2020213607	Tgrid Technologies Pty Ltd.	2020217467	The University of Melbourne
2020213670	Manneschi, A.	2020217477	Global Fabtech (Shanghai) Company Limited
2020213672	Manneschi, A.	2020217493	Kverneland Group Kerteminde AS
2020213678	Technische Universität München; Technische Universität München - Klinikum Rechts der Isar	2020217580	Syngenta Crop Protection AG
2020213689	Behrendt, C.	2020217707	Netflix, Inc.
2020213745	Jaxamo Ltd.	2020217868	BioNTech Cell & Gene Therapies GmbH
2020213833	Norsk Hydro ASA	2020217884	Nogra Pharma Limited
2020213872	Metabolomic Diagnostics Limited	2020217977	Nuclera Nucleics Ltd
2020214083	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.	2020218001	Dyno Nobel Asia Pacific Pty Limited
2020214237	Qingdao Haier Special Refrigerator Co. Ltd; Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2020218101	Schreder S.A.
2020214283	Liebherr-Mining Equipment Colmar SAS	2020218104	BioKey BV
2020214294	Universität Bern	2020218172	Electronic Caregiver, Inc.
2020214306	Dentsply Sirona Inc.	2020218253	Axsome Therapeutics, Inc.
2020214308	Foghorn Therapeutics Inc.	2020218269	NuVasive Specialized Orthopedics, Inc.
		2020218306	LI-COR, Inc.
		2020218353	Steris Instrument Management Services, Inc.

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2020218367	University of Florida Research Foundation, Incorporated	2020225202	Eli Lilly and Company
2020218469	Jagtech AS	2020225225	Gilead Sciences, Inc.
2020218470	Aflfarm Farmacja Polska Sp z o o	2020225354	Universite Claude Bernard Lyon 1; Centre National de la Recherche Scientifique; Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Jean Monnet Saint Etienne
2020218514	Joy Global Underground Mining LLC	2020225573	Societe Des Produits Nestle SA
2020218530	Jackrabbitt, Inc.	2020225647	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte Limited
2020218557	Frequency Therapeutics, Inc.	2020225663	Laboratorios Salvat, S.A.
2020218608	Syngenta Crop Protection AG	2020225674	Syngenta Crop Protection AG
2020218627	Schreder S.A.	2020225810	BAE Systems plc
2020218639	EirGen Pharma Ltd.	2020225930	Suntory Holdings Limited
2020218769	Qualcomm Incorporated	2020226134	J. van Walraven B.V.
2020218788	Glass Expansion Pty. Limited	2020226137	AKVA Group ASA
2020218940	University of Tartu	2020226141	SafetyLink Pty Ltd
2020218941	Real Research Sp. z o.o.	2020226195	Treetotextile AB
2020218984	Riken; Keio University	2020226389	Hydrogreen, Inc.
2020218988	Toppan Printing Co., Ltd.	2020226426	Huawei Technologies Co., Ltd.
2020219056	Owens-Brockway Glass Container Inc.	2020226511	Becton, Dickinson and Company
2020219125	Lindy Biosciences, Inc.	2020226524	Research Institute at Nationwide Children's Hospital
2020219231	Qualcomm Incorporated	2020226850	Alpha Ori Technologies Pte. Ltd
2020219239	Qualcomm Incorporated	2020226863	Corcept Therapeutics Incorporated
2020219357	Rebound Therapeutics Corporation	2020227214	Weidmüller Interface GmbH & Co. KG
2020219373	Frequency Therapeutics, Inc.	2020227446	NTT DoCoMo, Inc.
2020219393	Syngenta Crop Protection AG	2020227613	Aquammodate AB
2020219396	Syngenta Crop Protection AG	2020228369	Vesper Medical, Inc.
2020219412	Unilever IP Holdings B.V.	2020228580	Victaulic Company
2020219417	Fermentalg	2020228584	Verily Life Sciences LLC
2020219467	Precision Planting LLC	2020228607	BXB Digital Pty Limited
2020219777	Owens-Brockway Glass Container Inc.	2020228722	Schreder S.A.
2020219864	HITIQ Limited	2020229050	Mölnlycke Health Care AB
2020220242	Provincial Health Services Authority; Université Laval	2020229253	Yujoo Co., Ltd.
2020220343	Syngenta Crop Protection AG	2020229467	Janssen Biotech, Inc.
2020220365	NIPD Genetics Public Company Limited	2020229508	ASYGN
2020220372	Grifols Worldwide Operations Limited; Fundacio Institut d'Investigacio Biomedica de Bellvitge (IDIBELL)	2020230461	General Dynamics Ordnance and Tactical Systems - Canada, Inc.
2020220620	Syngenta Crop Protection AG	2020230855	Central Queensland University; Insyte Solutions Pty Ltd
2020220895	Lutris Pharma Ltd.	2020231004	DSM IP Assets B.V.
2020221016	ICON Health & Fitness, Inc.	2020231005	DSM IP Assets B.V.
2020221243	XEVO Inc.,	2020231037	Baer, H.U.
2020221355	Beam Therapeutics Inc.	2020231108	Fisher & Paykel Healthcare Limited
2020221367	Avent, Inc.; Zobkiw, C.; Klimovitch, G.; Liu, W.; Caldwell, R.; Schepis, E.; Schorr, P.A.; Shah, J.	2020231198	GHIPELLI S.r.l.
2020221377	Zephyros, Inc.	2020231242	Kedalion Therapeutics, Inc.
2020221494	BASF SE	2020231366	Prothema Biosciences Limited
2020221514	YUJOO Co., Ltd.	2020232135	Huawei Technologies Co., Ltd.
2020221574	The Glad Products Company	2020232216	Allogene Therapeutics, Inc.
2020221648	IHC Holland IE B.V.	2020233916	Hilti Aktiengesellschaft
2020221673	Mexichem Fluor S.A. de C.V.	2020233953	Vexo International (UK) LTD
2020221796	Impact Biomedicines, Inc.	2020234285	Ricoh Company, Ltd.
2020221797	Surroze, Inc.	2020235270	Janssen Sciences Ireland Unlimited Company
2020221842	Spacecraft Seven, LLC	2020235442	Janssen Sciences Ireland Unlimited Company
2020221872	ICON Health & Fitness, Inc.	2020236662	Darby Consulting Services Pty Ltd
2020221953	Saint-Gobain Isover	2020238887	Hilti Aktiengesellschaft
2020221974	NIPD Genetics Public Company Limited	2020239940	Bendix Commercial Vehicle Systems LLC
2020221999	Schreder S.A.	2020240019	Lantech.com, LLC
2020222188	Halter AG	2020240092	Nohms Technologies, Inc.
2020222315	Johnson & Johnson Consumer Inc.	2020241375	Lantech.com, LLC
2020222786	American Sterilizer Company	2020241428	Cartesian Therapeutics, Inc.
2020223007	Telefonaktiebolaget LM Ericsson (publ)	2020241849	Lantech.com, LLC
2020223190	ParaNetics, Inc.	2020241856	Regeneron Pharmaceuticals, Inc.
2020223193	Amantsy, Inc.	2020241858	Regeneron Pharmaceuticals, Inc.
2020223217	Biolife, L.L.C.	2020242949	Electrolux Appliances Aktiebolag
2020223297	Beam Therapeutics Inc.	2020243062	Ontex BV; Ontex Group NV
2020223314	Beam Therapeutics Inc.	2020243110	ULMA Packaging Technological Center, S.Coop.
2020223456	DNA Script	2020243510	ResMed Pty Ltd
2020223465	FAZUA GmbH	2020244212	Ontex BV; Ontex Group NV
2020223480	Syngenta Crop Protection AG	2020245531	Tompkins Robotics, Inc.
2020223505	Université de Genève	2020246928	Société des Produits Nestlé S.A.
2020223598	DIC Corporation	2020246968	John Cockerill Defense SA
2020224051	Newtricious B.V.	2020247826	Glidestore Freetrack Pty Ltd
2020224053	Fisher & Paykel Healthcare Limited	2020247838	Eco-Tec Inc.
2020224197	Huawei Technologies Co., Ltd.		
2020225173	Eucure (Beijing) Biopharma Co., Ltd.		

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2020250467	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2020252325	IJTT Co., Ltd.
2020254708	Cole, C.; Spiryagin, M.; Bernal, E.
2020255673	SOLIDpower (Australia) Pty Ltd
2020264092	Deere & Company
2020273115	Janssen Pharmaceutica NV; Rutgers, The State University of New Jersey
2020280443	Hefei Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.
2020283377	Wright Medical Technology, Inc.
2020286292	Citrix Systems, Inc.
2020290781	Morgan Technical Ceramics Australia Pty Ltd
2020295264	CJ CheilJedang Corporation
2020295355	Boston Scientific Scimed, Inc.
2020297899	Raytheon Company
2020300329	LG Energy Solution, Ltd.
2020306015	Smartec Products LLC
2020308488	Becton, Dickinson and Company
2020313866	Energy Sciences, Inc.
2020317060	Eureka! AgResearch Pty Ltd
2020318916	Synthego Corporation
2020327860	Entire R&D Pty Ltd
2020384370	ResMed Inc.
2020386611	The First Engineering Co., Ltd. of CTCE Group; China Tiesiju Civil Engineering Group Co., Ltd.
2020408599	Capital Normal University
2021202232	Logilube, LLC

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<u>A01B 79 I/-</u>	<u>A01K 61 I/-</u>	2020219396	2020214237		<u>A47K 10 I/-</u>
2020219467	2020226137	2020220620	2020214406	<u>A47B 57 I/-</u>	2018456006
	2020228584	2020223480	2020222786	2020247826	2019418406
<u>A01C 21 I/-</u>	<u>A01K 67 I/-</u>	<u>A01P 21 I/-</u>	<u>A23L 33 I/-</u>	<u>A47B 63 I/-</u>	<u>A47L 11 I/-</u>
2020219467	2020228584	2019400472	2019414671	2020247826	2019416795
<u>A01C 5 I/-</u>	<u>A01M 25 I/-</u>	<u>A01P 3 I/-</u>	2020213085	<u>A47B 83 I/-</u>	2019418084
2020219467	2019414453	2019418147	2020215036	2020222188	<u>A47L 5 I/-</u>
<u>A01C 7 I/-</u>	<u>A01N 1 I/-</u>	2020205488	2020219417	<u>A47B 96 I/-</u>	2020210766
2019424203	2020210046	2020317060	2020224051	2020247826	<u>A47L 9 I/-</u>
<u>A01D 34 I/-</u>	<u>A01N 25 I/-</u>	<u>A01P 7 I/-</u>	2020225354	<u>A47B 97 I/-</u>	2020210766
2020217493	2019400472	2020205488	2020225930	2020222188	<u>A61B 1 I/-</u>
<u>A01D 41 I/-</u>	2019409025	<u>A21B 3 I/-</u>	2019471247	<u>A47C 1 I/-</u>	2020214306
2020216817	2019412559	2020212622	<u>A23L 7 I/-</u>	2020213689	<u>A61B 17 I/-</u>
<u>A01D 46 I/-</u>	2020205488	<u>A21D 13 I/-</u>	2019414671	<u>A47C 27 I/-</u>	2019414175
2020218530	2020206014	2020219412	2020210541	2020210906	2019419456
<u>A01D 75 I/-</u>	2020208418	<u>A23B 7 I/-</u>	<u>A23P 30 I/-</u>	<u>A47C 31 I/-</u>	2019428406
2020217493	2020215044	2020215196	2019471247	2020210906	2020208398
<u>A01G 25 I/-</u>	2020215196	<u>A23C 21 I/-</u>	<u>A41D 19 I/-</u>	<u>A47C 4 I/-</u>	2020211435
2018298202	2020317060	2020225930	2020216062	2020206600	2020218269
2020217467	<u>A01N 37 I/-</u>	<u>A23C 9 I/-</u>	<u>A41D 31 I/-</u>	<u>A47C 7 I/-</u>	2020218353
<u>A01G 31 I/-</u>	<u>A01N 43 I/-</u>	2020225930	2019413799	2020206600	2020219357
2020226389	2019418147	<u>A23F 5 I/-</u>	<u>A43B 13 I/-</u>	2020213689	2020225647
<u>A01G 7 I/-</u>	2020206615	2020210541	2020214683	<u>A47C 9 I/-</u>	<u>A61B 18 I/-</u>
2019400472	2020208418	<u>A23G 9 I/-</u>	<u>A43B 17 I/-</u>	2020206600	2018456019
<u>A01G 9 I/-</u>	2020214804	2020219412	2019426676	2020213689	2020211435
2020226389	2020218608	<u>A23J 3 I/-</u>	<u>A43B 3 I/-</u>	<u>A47G 19 I/-</u>	2020214306
<u>A01H 5 I/-</u>	2020219396	2020225930	2020214683	2019423485	<u>A61B 42 I/-</u>
2020211990	2020220343	<u>A23K 20 I/-</u>	<u>A43B 5 I/-</u>	<u>A47G 9 I/-</u>	2020216062
<u>A01H 6 I/-</u>	2020220620	2020225573	2020214683	2020210906	<u>A61B 5 I/-</u>
2020211990	2020223480	<u>A23K 50 I/-</u>	<u>A43B 7 I/-</u>	<u>A47J 27 I/-</u>	2019335857
<u>A01K 11 I/-</u>	2020225674	2020225573	2019426676	2020211327	2019404588
2020306015	2020317060	<u>A23L 2 I/-</u>	<u>A44C 23 I/-</u>	<u>A47J 37 I/-</u>	2020207940
<u>A01K 15 I/-</u>	<u>A01N 45 I/-</u>	2020225930	2020231198	2020208448	2020208453
2019418619	2019409025	2020250467	<u>A44C 25 I/-</u>	2020208994	2020209211
<u>A01K 29 I/-</u>	2020219396	<u>A23L 29 I/-</u>	2020231198	2019401055	2020210407
2020228584	<u>A01N 59 I/-</u>	2020216056	<u>A47B 53 I/-</u>	2020212622	2020211758
<u>A01K 31 I/-</u>	<u>A01P 13 I/-</u>	2020225573	2020247826	<u>A47J 45 I/-</u>	2020214294
2020306015	2019409025	<u>A23L 3 I/-</u>	<u>A47B 55 I/-</u>	2019418679	2020214334
	2020218608	2020211630	2020247826	2020211327	2020216330
		2020212872		<u>A47J 47 I/-</u>	2020218172
		2020213085		2019423485	2020219864
					<u>A61B 50 I/-</u>
					2019419456

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<u>A61B 6 /-</u>	<u>A61H 3 /-</u>	2019417449 2020223217	<u>A61K 45 /-</u>	2020207087 2020208816 2020211000	<u>A61M 39 /-</u>
2019417741	2019406998		2020211076	2020211076	2020226511
<u>A61B 8 /-</u>	<u>A61H 39 /-</u>	<u>A61K 35 /-</u>	2020215801 2020219373 2020273115	2020214641 2020216108 2020218470	<u>A61M 5 /-</u>
2020209211 2020211435	2020213689	2019401518 2019404558 2019404639	<u>A61K 47 /-</u>	2020219373 2020220895 2020223217	2019414202 2019419507 2020208389 2020226511 2020308488
<u>A61B 90 /-</u>	<u>A61J 1 /-</u>	2019410148 2020209441 2020211412 2020211441 2020212683 2020215036 2020216403 2020217868 2020218984 2020220242 2020241428	2019400630 2019400788 2019400857 2019408549 2019408811 2019411276 2019411278 2019411289 2019413789 2020205851 2020207071 2020207081 2020207087 2020208816 2020211000 2020211076 2020216108 2020216361 2020218253 2020218470 2020223217 2020225663	2020225202 2020225663 2020235442 2020273115	<u>A61M 60 /-</u>
2019428406 2020219357	2019419507 2019424043	<u>A61K 31 /-</u>	<u>A61L 12 /-</u>		2019398326
<u>A61C 13 /-</u>	2019400857 2019408549 2019410062 2019410727 2019412825 2019413421 2019413789	<u>A61K 36 /-</u>	2019412559	<u>A61L 2 /-</u>	<u>A61N 1 /-</u>
2020211992	2019414331 2019414693 2019415299 2019416205 2019417158 2019417284 2019417449 2019419663 2019427298 2020205121 2020206640 2020209167 2020209170 2020209255 2020210455 2020210863 2020210900 2020210983 2020211000 2020211076 2020211290 2020211949 2020211994 2020214308 2020214628 2020214641 2020214802 2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019412825 2019413789 2019417449 2020211076 2020215036		2020207940 2020210857 2020214294 2020221367	<u>A61N 5 /-</u>
<u>A61C 9 /-</u>	<u>A61K 31 /-</u>	<u>A61K 38 /-</u>	<u>A61L 24 /-</u>	2020222786	2018456019
2020214306	2019419663 2019427298 2020205121 2020206640 2020209167 2020209170 2020209255 2020210455 2020210863 2020210900 2020210983 2020211000 2020211076 2020211290 2020211949 2020211994 2020214308 2020214628 2020214641 2020214802 2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019412825 2019413789 2019417449 2020211076 2020215036		<u>A61L 27 /-</u>	<u>A61P 1 /-</u>
<u>A61F 13 /-</u>	<u>A61K 31 /-</u>	2019401183 2019404719 2019408382 2019408887 2020204990 2020210033 2020210046 2020211412 2020211922 2020212659 2020214641 2020215592 2020216368 2020218940 2020218984 2020221797 2020224051 2020225202 2020273115	<u>A61L 48 /-</u>	2019416205	<u>A61P 17 /-</u>
2018456008 2018456069 2020223217 2020229050 2020243062 2020244212	2019419663 2019427298 2020205121 2020206640 2020209167 2020209170 2020209255 2020210455 2020210863 2020210900 2020210983 2020211000 2020211076 2020211290 2020211949 2020211994 2020214308 2020214628 2020214641 2020214802 2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019401183 2019404719 2019408382 2019408887 2020204990 2020210033 2020210046 2020211412 2020211922 2020212659 2020214641 2020215592 2020216368 2020218940 2020218984 2020221797 2020224051 2020225202 2020273115		<u>A61L 29 /-</u>	<u>A61P 21 /-</u>
<u>A61F 2 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61K 49 /-</u>	2020219357	2019404719 2020246928
2019398326 2019404558 2019426692 2020208398 2020214294 2020228369 2020283377	2020210983 2020211000 2020211076 2020211290 2020211949 2020211994 2020214308 2020214628 2020214641 2020214802 2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2019401183 2019414331 2020209490 2020211076 2020215592 2020223314	<u>A61L 31 /-</u>	<u>A61P 25 /-</u>
<u>A61F 5 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61K 51 /-</u>	2020207770 2020231037	2019415299 2019427298 2020211728 2020211994 2020212659 2020214641 2020215036 2020218253 2020224051 2020225354 2020246928
2019406998 2020214294 2020214430	2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2019425177 2020205851 2020207081 2020208492 2020213678	<u>A61L 31 /-</u>	<u>A61P 27 /-</u>
<u>A61F 6 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61K 8 /-</u>	2020211221 2020212250	2019400857 2019408549 2020218557
2020216062	2020214641 2020214802 2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2019405916 2020207071 2020209255 2020211076 2020222315	<u>A61M 1 /-</u>	
<u>A61F 9 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61K 9 /-</u>	2020207656	
2019412559 2020209998 2020231242	2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2020205851 2020207081 2020208492 2020213678	<u>A61M 11 /-</u>	
<u>A61H 1 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61K 16 /-</u>	2020231242	
2020213689	2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2020205851 2020207081 2020208492 2020213678	<u>A61M 16 /-</u>	
<u>A61H 19 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61M 25 /-</u>	2020231242	
2020214294 2020217000	2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2020224053 2020231108 2020243510	<u>A61M 31 /-</u>	
<u>A61H 21 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>	<u>A61M 35 /-</u>	2020205162	
2020205162 2020217000	2020215036 2020215592 2020215673 2020215684 2020215801 2020217868 2020218253 2020218367 2020218470 2020218557 2020218639 2020219373 2020220895 2020225225 2020225354 2020225663 2020226863 2020235270 2020235442 2020246928	2019408811 2019410643 2019413690 2019416787 2020204492 2020204781 2020205040 2020205851 2020207081 2020207087 2020211407 2020211990 2020213085 2020214412 2020216494 2020217868 2020218984 2020225173 2020225202	2020208389 2020208428	<u>A61M 35 /-</u>	
<u>A61H 23 /-</u>	<u>A61K 33 /-</u>	<u>A61K 33 /-</u>		2020223217	
2020217000	2019416205				

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2020219373	2020225173	<u>A63B 21 /-</u>	<u>B01D 67 /-</u>		
2020221797	2020225225			<u>B23B 7 /-</u>	<u>B32B 15 /-</u>
<u>A61P 29 /-</u>	<u>A61P 37 /-</u>	2020212059	2020227613	2020313866	2020216396
		2020212987	<u>B01D 69 /-</u>		
2020211994	2019412561	<u>A63B 22 /-</u>		<u>B23K 20 /-</u>	<u>B32B 27 /-</u>
2020218984	2019416787		2020227613		
2020225354	2020204492	2020212059		2020229050	2020210847
<u>A61P 3 /-</u>	2020210455	2020221016	<u>B01D 71 /-</u>		2020215196
	2020215592	2020221872		<u>B25J 11 /-</u>	2020216396
2019408382	2020215673		2020227613		2020216468
2019408887	2020218470	<u>A63B 23 /-</u>	<u>B01F 5 /-</u>	2019411188	2020221377
2019410643	2020218984		2020218469	<u>B25J 9 /-</u>	2020229050
2020210983	2020220242	2020212059			<u>B32B 3 /-</u>
2020218639	<u>A61P 39 /-</u>	2020217000	<u>B01L 3 /-</u>	2019411188	
2020225225		2020221016		<u>B26D 7 /-</u>	2020210847
2020246928	2020273115	<u>A63B 24 /-</u>	2020219125		2020216468
<u>A61P 31 /-</u>	<u>A61P 43 /-</u>	2020221016	<u>B03B 5 /-</u>	2019410030	2020221377
		2020221872		2019410032	2020229050
2019400788	2020206640	<u>A63B 47 /-</u>	2019419457	2020229050	<u>B32B 37 /-</u>
2020205121	2020218984		<u>B03B 9 /-</u>	<u>B26F 1 /-</u>	2019401027
2020209167	2020219373			2020229050	2020204698
2020209170	<u>A61P 5 /-</u>	2020215202		<u>B27C 3 /-</u>	<u>B32B 38 /-</u>
2020211441		<u>A63B 71 /-</u>	2019412507		
2020218470	2020216361		<u>B03D 1 /-</u>	2020216100	2020210847
2020225663	2020218639	2020212059		<u>B29B 17 /-</u>	<u>B32B 5 /-</u>
<u>A61P 33 /-</u>	2020226863	2020219864	2019419457		2019401027
		2020221016	<u>B04C 11 /-</u>	2019412507	2020221377
2019400788	<u>A61P 7 /-</u>	2020221872		<u>B29C 39 /-</u>	<u>B32B 7 /-</u>
<u>A61P 35 /-</u>	2020213121	<u>A63F 13 /-</u>	2019420613	2020209954	2020210847
	2020216403		<u>B04C 3 /-</u>	<u>B29C 43 /-</u>	2020216468
2019400630	2020223217	2020210375		2020209954	2020221377
2019401183	<u>A61P 9 /-</u>	<u>A63H 11 /-</u>	2019419457		<u>B32B 9 /-</u>
2019404639			<u>B04C 5 /-</u>	<u>B29C 44 /-</u>	2020215196
2019408811	2019410727	2019388551		2020233916	<u>B33Y 10 /-</u>
2019410062		<u>B01D 1 /-</u>	2019420613	<u>B29C 45 /-</u>	2020211607
2019410148	<u>A61Q 19 /-</u>		2020210766		2020234285
2019411276		2020211644	<u>B05B 7 /-</u>	<u>B29C 53 /-</u>	<u>B33Y 30 /-</u>
2019411289	2019405916	<u>B01D 17 /-</u>	2020218788	2020221953	2020211607
2019413421	2020222315		<u>B07C 5 /-</u>	<u>B29C 55 /-</u>	2020234285
2019416787	<u>A61Q 5 /-</u>	2020216405			<u>B41J 13 /-</u>
2019419663		<u>B01D 19 /-</u>	2020245531	<u>B29C 64 /-</u>	2020227214
2020204492	2020222315		<u>B07C 7 /-</u>	2020211607	<u>B41J 3 /-</u>
2020204781	<u>A62B 17 /-</u>	2019413100		2020234285	
2020205040		<u>B01D 21 /-</u>	2020245531	<u>B29C 65 /-</u>	<u>B41M 7 /-</u>
2020205851	<u>A62C 27 /-</u>	2019419457	<u>B09B 3 /-</u>	2020229050	2020313866
2020206640		<u>B01D 5 /-</u>		2020243110	<u>B42D 25 /-</u>
2020207081	2020327860		2019412507		
2020207265	<u>A62C 3 /-</u>	2020207659	<u>B22D 11 /-</u>	<u>B29C 70 /-</u>	2019426333
2020208397		<u>B01D 53 /-</u>			2019426400
2020209441	2019408277		2020213833	<u>B29C 65 /-</u>	2019426438
2020210455	<u>A62C 99 /-</u>	2020207659	<u>B22D 46 /-</u>		2019426547
2020210863		2020209432			2020216396
2020211000	2020212987	<u>B01D 61 /-</u>	2020213833		
2020211290			<u>B23B 27 /-</u>		
2020211407	<u>A63B 102 /-</u>	2019413100		<u>B29L 23 /-</u>	
2020211441		2020216108	<u>B23B 47 /-</u>		
2020211728	<u>A63B 17 /-</u>	<u>B01D 63 /-</u>			
2020211922			2020216100		
2020212683	2020212987	2019413100			
2020213678					
2020214412					
2020215673					
2020215801					
2020216494					
2020217868					
2020218367					
2020220242					
2020220895					

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<u>B44C 1 /-</u>	<u>B60T 7 /-</u>	<u>B64C 9 /-</u>	<u>B65G 43 /-</u>	<u>C04B 28 /-</u>	<u>C07C 7 /-</u>
2020223598	2019407826	2020214711	2020211366	2020213077	2019401805
<u>B60B 25 /-</u>	<u>B60T 8 /-</u>	<u>B64D 1 /-</u>	<u>B65G 51 /-</u>	<u>C04B 40 /-</u>	<u>C07D 207 /-</u>
2020211993	2019407826 2020208327	2019414453	2020211366	2020213077	2020205717 2020217580 2020219393
<u>B60B 7 /-</u>	<u>B60V 1 /-</u>	<u>B65B 1 /-</u>	<u>B65G 53 /-</u>	<u>C05F 11 /-</u>	<u>C07D 215 /-</u>
2020211993	2020214711	2019405440	2020211366	2019428312 2020212597	2020210863
<u>B60C 13 /-</u>	<u>B61K 9 /-</u>	<u>B65B 51 /-</u>	<u>B65H 18 /-</u>	<u>C05G 5 /-</u>	<u>C07D 217 /-</u>
2020212990	2020254708	2020243110	2020241375	2020212597	2020218557
<u>B60C 29 /-</u>	<u>B61L 15 /-</u>	<u>B65B 61 /-</u>	<u>B65H 26 /-</u>	<u>C06B 21 /-</u>	<u>C07D 219 /-</u>
2020211993	2020254708	2020243110	2020240019 2020241849	2020218001	2019425177
<u>B60G 11 /-</u>	<u>B61L 25 /-</u>	<u>B65B 7 /-</u>	<u>B65H 35 /-</u>	<u>C06B 31 /-</u>	<u>C07D 221 /-</u>
2020209954	2020230855	2020219777	2018456006	2020218001	2020220343 2020223480 2020225674
<u>B60H 1 /-</u>	<u>B61L 27 /-</u>	<u>B65D 1 /-</u>	<u>B66B 5 /-</u>	<u>C07B 59 /-</u>	<u>C07D 239 /-</u>
2019409171	2020230855 2020254708	2019412559	2019410026	2020213678	2020209167 2020209170 2020214804
<u>B60J 11 /-</u>	<u>B61L 3 /-</u>	<u>B65D 3 /-</u>	<u>B66C 1 /-</u>	<u>C07C 205 /-</u>	<u>C07D 311 /-</u>
2020216468	2020230855 2020254708	2020208137	2020226137	2020217884	2019414693 2020210884
<u>B60K 17 /-</u>	<u>B62D 55 /-</u>	<u>B65D 33 /-</u>	<u>B66F 7 /-</u>	<u>C07C 215 /-</u>	<u>C07D 333 /-</u>
2020252325	2020211907	2020214963	2020217477	2020225225	2019419663
<u>B60K 35 /-</u>	<u>B62D 57 /-</u>	<u>B65D 41 /-</u>	<u>B82Y 20 /-</u>	<u>C07C 229 /-</u>	<u>C07D 401 /-</u>
2020221243	2019388551	2020214963	2020213426	2020217884	2020206615 2020209167 2020209170 2020210863 2020214308 2020215684 2020219396 2020220343 2020225674
<u>B60K 5 /-</u>	<u>B62D 63 /-</u>	<u>B65D 51 /-</u>	<u>B82Y 30 /-</u>	<u>C07C 237 /-</u>	<u>C07D 403 /-</u>
2020206885	2019407826	2020214963	2020213426	2020205717	2020209167 2020209170 2020210455 2020214804 2020219393
<u>B60L 5 /-</u>	<u>B63B 1 /-</u>	<u>B65D 63 /-</u>	<u>B82Y 40 /-</u>	<u>C07C 27 /-</u>	<u>C07D 405 /-</u>
2019407194	2019426170	2019429303	2020213426	2019428312	2019414693 2020209167 2020209170 2020211000 2020214308 2020214804 2020225674
<u>B60L 53 /-</u>	<u>B63B 21 /-</u>	<u>B65D 65 /-</u>	<u>C01G 28 /-</u>	<u>C07C 309 /-</u>	
2020213110	2020226137	2020208137	2019412815	2020225225	
<u>B60M 3 /-</u>	<u>B63B 35 /-</u>	<u>B65D 81 /-</u>	<u>C01G 3 /-</u>	<u>C07C 311 /-</u>	
2019407194	2019426170	2019412559 2020215196	2020247838	2019425177	
<u>B60P 3 /-</u>	<u>B63G 5 /-</u>	<u>B65D 90 /-</u>	<u>C02F 1 /-</u>	<u>C07C 317 /-</u>	
2019407826	2019426170	2020215319	2020207659 2020216405 2020223193 2020233953 2020247838	2020205121	
<u>B60P 7 /-</u>	<u>B63G 8 /-</u>	<u>B65F 1 /-</u>	<u>C02F 103 /-</u>	<u>C07C 51 /-</u>	
2020215319	2019426170	2020211366	2020233953	2019428312	
<u>B60R 11 /-</u>	<u>B64C 27 /-</u>	<u>B65F 5 /-</u>	<u>C02F 3 /-</u>	<u>C07C 67 /-</u>	
2019412831	2019414453	2020211366	2020210809	2019401805	
<u>B60T 13 /-</u>	<u>B64C 39 /-</u>	<u>B65G 1 /-</u>	<u>C02F 9 /-</u>	<u>C07C 69 /-</u>	
2020208327	2019414453 2020214711	2019412355 2020209403 2020245531	2020247838	2019401805 2020211346	
<u>B60T 17 /-</u>					
2020239940					

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<u>C07D 407 I/-</u>		2020229467	<u>C09B 57 I/-</u>	2020219417	<u>C12N 9 I/-</u>
2019414693	<u>C07H 21 I/-</u>	2020231366			
	2019416108	2020241428	2019425177	<u>C12N 15 I/-</u>	2019411467
<u>C07D 409 I/-</u>	2019416187	<u>C07K 19 I/-</u>	<u>C09D 133 I/-</u>	2019401183	2019414331
	2020211949			2019404639	2019416108
2019419663		2019413690	2019403612	2019410148	2020204990
2020214804	<u>C07K 1 I/-</u>	2020212683		2019410643	2020208616
		2020220242	<u>C09D 7 I/-</u>	2019411973	2020210884
<u>C07D 411 I/-</u>	2020208934			2019413366	2020211408
	2020210033	<u>C07K 7 I/-</u>	2019403612	2019413690	2020217977
2020220343	2020214797			2019414331	2020221355
<u>C07D 413 I/-</u>	2020216108	2020210046	<u>C09K 11 I/-</u>	2019414968	2020223297
	2020216368	2020212659		2019416108	2020223314
2020209167		2020214831	2020213426	2019416787	2020241856
2020209170	<u>C07K 14 I/-</u>	2020218940	<u>C09K 5 I/-</u>	2019422095	2020241858
2020219396				2020204492	2020295264
2020220343	2019404639	<u>C08B 16 I/-</u>	2019427789	2020204990	2020318916
2020225225	2019404719		2020221673	2020205851	<u>C12P 13 I/-</u>
	2019405752	2020226195	<u>C10B 53 I/-</u>	2020206640	
<u>C07D 417 I/-</u>	2019408887			2020207081	2020295264
	2019410148	<u>C08B 30 I/-</u>	2020209005	2020207265	<u>C12P 17 I/-</u>
2020219396	2019411973	2020216056		2020208616	
	2019413366		<u>C10G 17 I/-</u>	2020209490	2020219417
<u>C07D 451 I/-</u>	2019414968	<u>C08B 31 I/-</u>		2020210618	
	2020210033		2019401805	2020210884	<u>C12P 19 I/-</u>
2020209167	2020211922	2020216056		2020210900	
2020209170	2020211990		<u>C10G 21 I/-</u>	2020211076	2020211408
	2020212683	<u>C08B 37 I/-</u>		2020211408	2020223456
<u>C07D 471 I/-</u>	2020214831		2019401805	2020211922	2020318916
	2020215592	2020209255		2020212683	
2019413360	2020216361		<u>C10G 29 I/-</u>	2020214831	<u>C12P 21 I/-</u>
2019413683	2020216368	<u>C08H 1 I/-</u>		2020217868	
2020209167	2020216494		2019401805	2020220242	2019411467
2020209170	2020217868	2020218941		2020221355	2019422095
2020210863	2020219417		<u>C10G 31 I/-</u>	2020221797	2020204492
2020215673	2020220242	<u>C08J 11 I/-</u>		2020221842	
2020221796	2020221797	2020223598	2019401805	2020223314	<u>C12P 5 I/-</u>
2020235270	2020221842			2020225173	
	2020225202	<u>C08J 3 I/-</u>	<u>C10L 3 I/-</u>	2020226524	2020211408
<u>C07D 475 I/-</u>	2020232216			2020241856	<u>C12P 7 I/-</u>
	2020241428	2020218941	2020215570	2020241858	
2019413683				2020295264	<u>C12P 7 I/-</u>
<u>C07D 487 I/-</u>	<u>C07K 16 I/-</u>	<u>C08K 5 I/-</u>	<u>C10M 105 I/-</u>	2020318916	2020215570
2019413360	2019404639	2020240092	2020211346	<u>C12N 5 I/-</u>	<u>C12Q 1 I/-</u>
2019413421	2019408811				
2020206640	2019410148	<u>C08L 1 I/-</u>	<u>C11D 3 I/-</u>	2019401518	2019403351
2020209167	2019410643			2019404639	2019405752
2020209170	2019412561	2020212597	2020210829	2019410148	2019413366
	2019413366			2019410643	2019414968
<u>C07D 493 I/-</u>	2019413690	<u>C08L 23 I/-</u>	<u>C12G 3 I/-</u>	2019411973	2020204990
	2019414968			2019416787	2020220365
2019414693	2019416787	2020231004	2019426267	2019422095	2020221355
	2019416895	2020231005		2020204492	2020221974
<u>C07D 497 I/-</u>	2020204492		<u>C12H 3 I/-</u>	2020204990	2020223456
	2020204781	<u>C08L 5 I/-</u>		2020208616	
2019414693	2020205851		2019426267	2020209441	<u>C22B 21 I/-</u>
	2020207081	2020209255		2020211441	
<u>C07D 498 I/-</u>	2020207265		<u>C12M 1 I/-</u>	2020212683	2019412507
	2020208397	<u>C08L 75 I/-</u>		2020218941	<u>C22B 7 I/-</u>
2020211994	2020208616		2020204794	2020220242	
	2020211407	2020231004	2020204795	2020220372	2019412507
<u>C07F 9 I/-</u>	2020211728	2020231005	2020219125	2020225173	
	2020213121			2020241856	<u>C22C 21 I/-</u>
2019416187	2020214412	<u>C08L 89 I/-</u>	<u>C12M 3 I/-</u>	2020241858	
2020214628	2020216108				2020209472
2020225354	2020216494	2020218941	2020219125	<u>C12N 7 I/-</u>	<u>C22C 3 I/-</u>
	2020217868	<u>C09B 47 I/-</u>			
<u>C07H 19 I/-</u>	2020221797		<u>C12N 1 I/-</u>	2019404639	
	2020225173	2020221494		2019410148	2019415156
2019416187	2020225202		2019410643	2020211990	
2020211994	2020226524		2020218984		

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

<u>C22C 5 /-</u>	<u>D04H 3 /-</u>	<u>E04F 13 /-</u>	<u>E21C 35 /-</u>	<u>F04C 29 /-</u>	<u>F16K 27 /-</u>
2019415156	2020243062	2019403612	2020218514	2019427999	2020239940
<u>C23C 10 /-</u>	2020244212	<u>E04G 17 /-</u>	<u>F01C 21 /-</u>	<u>F04D 17 /-</u>	<u>F16K 31 /-</u>
2020209472	<u>D21H 11 /-</u>	2020236662	2019427999	2019428668	2019414430
<u>C23C 2 /-</u>	2020212597	<u>E04G 21 /-</u>	<u>F01D 11 /-</u>	<u>F04D 29 /-</u>	<u>F16K 37 /-</u>
2020209472	<u>D21H 19 /-</u>	2020226141	2020212251	2019428668	2020209794
<u>C23C 22 /-</u>	2020208137	<u>E04H 3 /-</u>	<u>F01D 25 /-</u>	<u>F16B 12 /-</u>	2020212460
2019403612	<u>D21H 21 /-</u>	2020222188	2020212251	2020206600	<u>F16K 5 /-</u>
<u>C23F 1 /-</u>	2020215196	<u>E05B 19 /-</u>	<u>F01L 1 /-</u>	2020239940	2020290781
2019415156	<u>D21H 27 /-</u>	2020213442	2020214459	<u>F16B 21 /-</u>	<u>F16L 59 /-</u>
<u>C25B 9 /-</u>	2018456006	<u>E05B 27 /-</u>	<u>F01L 3 /-</u>	<u>F16B 37 /-</u>	2020228580
2020240092	2020208137	2020213442	2020214459	<u>F16M 1 /-</u>	2020206885
<u>C25C 1 /-</u>	<u>E01C 23 /-</u>	<u>E05B 35 /-</u>	<u>F01L 5 /-</u>	<u>F16B 5 /-</u>	<u>F17C 5 /-</u>
2020247838	2020386611	2020213442	2020214459	2020239940	2019414430
<u>C25C 7 /-</u>	<u>E01H 1 /-</u>	<u>E05B 63 /-</u>	<u>F01L 7 /-</u>	<u>F16B 7 /-</u>	<u>F21K 9 /-</u>
2020247838	2019416795	2020306015	2020214459	2020226134	2019406820
<u>C25F 3 /-</u>	<u>E02B 3 /-</u>	<u>E05F 15 /-</u>	<u>F02B 37 /-</u>	<u>F16C 32 /-</u>	<u>F21V 21 /-</u>
2019415156	2020221514	2020306015	2019426487	2020208861	2019409992
<u>C40B 20 /-</u>	<u>E02D 15 /-</u>	<u>E21B 19 /-</u>	2020216212	<u>F16D 3 /-</u>	<u>F21V 33 /-</u>
2020210618	2020221514	2020209365	<u>F02C 7 /-</u>	2018454882	2019409992
<u>C40B 40 /-</u>	<u>E02D 25 /-</u>	<u>E21B 21 /-</u>	2020208861	<u>F16D 51 /-</u>	<u>F21V 8 /-</u>
2019405752	2020221514	2020218469	<u>F02D 23 /-</u>	2019407826	2020211092
<u>C40B 70 /-</u>	2020229253	<u>E21B 23 /-</u>	2020216212	<u>F16F 1 /-</u>	<u>F23G 5 /-</u>
2020210618	<u>E02F 3 /-</u>	2020209365	<u>F02D 31 /-</u>	2020209954	2019409440
<u>D01D 5 /-</u>	2019435117	<u>E21B 29 /-</u>	2020214283	<u>F16G 11 /-</u>	<u>F23G 7 /-</u>
2020226195	2020206885	2020206966	<u>F02D 41 /-</u>	2020226137	2019409440
<u>D01F 1 /-</u>	2020221648	2020210554	2020214283	<u>F16J 15 /-</u>	<u>F24C 15 /-</u>
2020226195	<u>E02F 9 /-</u>	<u>E21B 33 /-</u>	<u>F03B 11 /-</u>	2020211907	2020212622
<u>D01F 2 /-</u>	2019435117	2020206966	2020208861	<u>F16K 1 /-</u>	<u>F24C 3 /-</u>
2020226195	2020221648	2020210554	<u>F03D 80 /-</u>	2019414430	2019419950
<u>D02G 3 /-</u>	<u>E04B 1 /-</u>	<u>E21B 43 /-</u>	2020208861	2020212558	<u>F24C 7 /-</u>
2020210647	2020207102	2019401805	<u>F03D 9 /-</u>	<u>F16K 15 /-</u>	2019419950
2020210647	2020233916	2020210554	2019408277	2019414430	2019424293
<u>D04B 1 /-</u>	2020236662	<u>E21B 44 /-</u>	<u>F04C 15 /-</u>	2020209794	2020242949
2020210647	2020238887	2020218514	2020327860	<u>F16K 17 /-</u>	<u>F24D 19 /-</u>
<u>D04B 21 /-</u>	<u>E04B 2 /-</u>	<u>E21C 25 /-</u>	<u>F04C 2 /-</u>	2020209794	2020233953
2020210647	2020236662	2020218514	2020327860	<u>F16K 25 /-</u>	<u>F24D 3 /-</u>
<u>D04H 1 /-</u>	<u>E04C 2 /-</u>	<u>E21C 27 /-</u>	<u>F04C 23 /-</u>	2020290781	2020233953
2020243062	2020207102	2020218514	2019427999		
2020244212					

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

<u>F24F 1 /-</u>	<u>F42B 14 /-</u>	<u>G01N 22 /-</u>	<u>G02C 11 /-</u>	<u>G06Q 10 /-</u>	<u>G10L 15 /-</u>
2019438545	2020230461	2020213670	2020209998	2020209849	2019403389
<u>F24F 13 /-</u>	<u>F42B 19 /-</u>	<u>G01N 27 /-</u>	<u>G03H 1 /-</u>	2020210796	2020210375
2019438545	2019426170	2019420613	2019406820	2020211972	<u>G10L 19 /-</u>
<u>F24H 1 /-</u>	<u>F42B 39 /-</u>	2020217467	<u>G05D 1 /-</u>	2020214805	2020212995
2020280443	2020246968	<u>G01N 3 /-</u>	2020214973	2020216167	<u>G16B 20 /-</u>
<u>F24H 4 /-</u>	<u>F42B 8 /-</u>	2019481267	<u>G06F 1 /-</u>	2020216392	2019403566
2020280443	2020230461	<u>G01N 33 /-</u>	2020212963	<u>G06Q 20 /-</u>	<u>G16B 30 /-</u>
<u>F24H 9 /-</u>	<u>F42D 1 /-</u>	2019405752	2020255673	2019405995	2020205609
2020233953	2019400901	2019425177	<u>G06F 11 /-</u>	2020213607	2020218104
2020280443	2020215611	2020205851	2020205609	<u>G06Q 30 /-</u>	<u>G16B 40 /-</u>
<u>F25B 41 /-</u>	2020216560	2020207081	<u>G06F 13 /-</u>	2020215339	2020218104
2020207659	<u>G01B 11 /-</u>	2020211758	2020210375	<u>G06Q 40 /-</u>	<u>G16B 50 /-</u>
<u>F25B 47 /-</u>	2019412831	2020213872	<u>G06F 21 /-</u>	2020209849	2020218104
2020207659	2020215319	2020214310	2019405995	<u>G06Q 50 /-</u>	<u>G16B 99 /-</u>
<u>F25D 23 /-</u>	<u>G01F 11 /-</u>	2020214334	2019413075	2020212995	2020205609
2020211630	<u>G01J 1 /-</u>	2020214797	2020209849	2020216167	<u>G16H 10 /-</u>
2020212872	2019429807	2020217467	<u>G06F 3 /-</u>	2020216423	2019401416
2020214237	<u>G01J 3 /-</u>	2020218984	<u>G06F 8 /-</u>	2020226850	2020213745
2020214406	2019429807	2020231366	<u>G06F 9 /-</u>	<u>G06T 17 /-</u>	2020384370
<u>F41A 1 /-</u>	<u>G01J 5 /-</u>	2020241856	<u>G06F 7 /-</u>	2020408599	<u>G16H 20 /-</u>
2019408916	2019429807	2020241858	2019404442	<u>G06T 7 /-</u>	2019401416
<u>F41A 19 /-</u>	<u>G01J 11 /-</u>	<u>G01S 1 /-</u>	2019418585	2020221243	2020213745
2019408916	2019429807	<u>G01S 13 /-</u>	2020211972	<u>G07C 9 /-</u>	2020215177
2020209939	2020213494	<u>G01V 11 /-</u>	<u>G06F 9 /-</u>	2019403389	2020384370
<u>F41A 21 /-</u>	<u>G01L 1 /-</u>	<u>G01V 3 /-</u>	2020209932	<u>G08B 13 /-</u>	<u>G16H 40 /-</u>
2019408916	2019481267	2020213670	<u>G06G 7 /-</u>	2020228607	2020210857
<u>F41A 25 /-</u>	2020215319	2020213672	2020212963	<u>G08B 17 /-</u>	2020213745
2019420325	<u>G01L 5 /-</u>	<u>G01V 8 /-</u>	<u>G06K 19 /-</u>	2019409992	2020384370
<u>F41A 9 /-</u>	<u>G01M 17 /-</u>	2020213670	2020209403	<u>G08B 21 /-</u>	<u>G16H 50 /-</u>
2020209939	2019419248	2020213672	2020229508	2020208994	2019335857
<u>F41F 3 /-</u>	2020254708	<u>G02B 21 /-</u>	<u>G06K 7 /-</u>	<u>G08B 7 /-</u>	2019401416
2019426170	<u>G01M 3 /-</u>	2020218306	2020245531	2020212041	2020213745
<u>F41G 1 /-</u>	2020219056	<u>G02B 26 /-</u>	<u>G06K 9 /-</u>	<u>G08G 1 /-</u>	<u>H01B 13 /-</u>
2020209939	2020204905	2019406820	2020211387	2019415414	2020227214
<u>F41H 5 /-</u>	<u>G01N 11 /-</u>	<u>G02B 27 /-</u>	2020221243	<u>G09F 3 /-</u>	<u>H01B 7 /-</u>
2019413799	2019425177	2020211092	2020226426	2020227214	2020227214
2020210847	2019429807	2020213443	<u>G06N 20 /-</u>	2020228607	<u>H01F 7 /-</u>
<u>F42B 10 /-</u>	2020211758	<u>G02B 5 /-</u>	<u>G06N 3 /-</u>	<u>G10L 13 /-</u>	2020208861
2019426170	2020214797	2019406820	2020225810	2020210375	2020223190
	2020241856	2020218988	<u>G06N 5 /-</u>		<u>H01G 11 /-</u>
	2020241858		2020209849		2018452488
					<u>H01H 71 /-</u>
					2019412346

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2019413418	<u>H02K 19 /-</u>	2020286292	<u>H05B 47 /-</u>
2019416473			
<u>H01J 37 /-</u>	2020204802	<u>H04M 1 /-</u>	2020218101
	<u>H02K 21 /-</u>		
2019400946		2020210375	<u>H05B 6 /-</u>
<u>H01J 49 /-</u>	2020204802	<u>H04M 11 /-</u>	2019419950
	<u>H02K 35 /-</u>	2020210375	2020211630
2020218788			2020212872
<u>H01L 31 /-</u>	2020204802	<u>H04N 19 /-</u>	2020214237
	<u>H02K 53 /-</u>		2020214406
2019415500		2020205376	<u>H05H 1 /-</u>
<u>H01M 10 /-</u>	2020223190	2020206246	
	<u>H02K 7 /-</u>	2020206492	2019400946
2018452488		2020206823	<u>H05K 1 /-</u>
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2020204698		2020213583	2021202232
2020213603	<u>H02S 10 /-</u>	2020214083	
2020300329		2020217707	<u>H05K 7 /-</u>
<u>H01M 4 /-</u>	2019408277	2020218769	
	<u>H02S 20 /-</u>	2020219239	2020297899
2019400946		2020232135	
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<u>H01M 50 /-</u>	2020226141		
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<u>H01Q 1 /-</u>	2019407194		
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2020297899		<u>H04W 4 /-</u>	
<u>H01Q 21 /-</u>	2019428667		
	<u>H04B 10 /-</u>	2020206724	
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<u>H01R 9 /-</u>	2019421140		
	<u>H04B 5 /-</u>	2020208515	
2020227214		2020209936	
<u>H01S 5 /-</u>	2020213110	2020218627	
	<u>H04L 1 /-</u>	<u>H04W 56 /-</u>	
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<u>H02J 1 /-</u>	2020206957	<u>H04W 68 /-</u>	
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2020212963	<u>H04L 29 /-</u>	<u>H04W 88 /-</u>	
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<u>H02J 50 /-</u>	2020209932	2020227446	
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A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
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A61M 16/00 (2006.01)
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F16D 13/08 (2006.01)
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C02F 1/469 (2006.01)
E21B 43/36 (2006.01)
C02F 1/42 (2006.01)
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C12N 5/0784 (2010.01)
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C12N 5/10 (2006.01)
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A23C 9/152 (2006.01)
A23C 9/16 (2006.01)
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A23L 33/135 (2016.01)
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G06K 19/07 (2006.01)
H01Q 1/22 (2006.01)
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2015264073	AOBiome LLC	2016269332	NIPD Genetics Public Company Limited
2015264357	William Marsh Rice University	2016270658	Portola Pharmaceuticals, Inc.
2015275233	Schneider Electric (Australia) Pty Limited	2016270782	Dynavax Technologies Corporation
2015276899	Memorial Sloan-Kettering Cancer Center	2016272452	GM Flow Measurement Services Limited
2015279644	Ecolab USA Inc.	2016275302	Oxford Photovoltaics Limited
2015280069	The General Hospital Corporation	2016276127	De La Rue International Limited
2015286211	Hoste, M.; Hoste, P.	2016278201	Agrowing Ltd
2015292149	Research Institute of Petroleum Processing, SINOPEC; China Petroleum & Chemical Corporation	2016278226	Poseida Therapeutics, Inc.
2015332002	Byrock Technologies Limited	2016281685	Nitto Denko Corporation
2015334389	Kyowa Kirin Co., Ltd.	2016288252	Ecolab USA Inc.
2015339447	University of Central Florida Research Foundation, Inc.	2016293293	De La Rue International Limited
2015340378	Belgian Volition SPRL	2016293295	De La Rue International Limited
2015342264	Merck Patent GmbH	2016294553	De La Rue International Limited
2015342961	Genentech, Inc.	2016296356	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude
2015344992	BASF Plant Science Company GmbH	2016297700	AP&C Advanced Powders & Coatings Inc.
2015347077	Applied Medical Resources Corporation	2016298233	Geopier Foundation Company, Inc.
2015351930	Lycored Ltd.	2016300179	Fixnetix Limited
2015355644	Johnson And Nicholson (M) Sdn Bhd	2016301091	Gallagher Group Limited
2015358427	Suiter, T.	2016302156	Parker-Hannifin Corporation
2015380472	Kimberly-Clark Worldwide, Inc.	2016303212	Caterpillar Inc.
2015398613	NewSouth Innovations Pty Limited	2016316786	Société des Produits Nestlé S.A.
2015400730	Canister Solutions B.V.	2016316787	Société des Produits Nestlé S.A.
2015402230	Curtin University	2016317119	General Electric Company
2015403534	Preference Pte Ltd	2016317948	Lockheed Martin Corporation
2015404937	Sapa AS	2016319403	Savroc Ltd
2015409316	Flying Fin Systems Pty Ltd	2016320243	William Prym GmbH & Co. KG
2015411525	NuCana plc	2016320719	Parker-Hannifin Corporation
2015413862	Ecolab USA Inc.	2016321226	Martz, M.; Martz, A.
2015417223	LzLabs GmbH	2016322698	ARDYNE HOLDINGS LIMITED
2016201827	The Boeing Company	2016322817	AppViewX Inc
2016202297	AMADEUS S.A.S.	2016328170	Maersk Drilling A/S
2016203541	Electrical Home-Aids Pty Ltd	2016328256	Bio.Lo.Ga. S.r.l.
2016204153	The Boeing Company	2016332207	Heart Test Laboratories, Inc.
2016209295	PhaseRx, Inc.	2016333736	Safetypoint (Midlands) Limited
2016209581	Ovard, LLC	2016335457	Statoil Petroleum AS
2016210996	Oxford University Innovation Limited	2016337502	Omniceil, Inc.
2016217800	Hansa Biopharma AB	2016341421	Gen-Probe Incorporated
2016228297	InfraBuild Wire Pty Limited	2016344179	Bayer Healthcare LLC
2016231086	Fundacio Institute d'Investigacio Biomedica de Bellvitge (IDIBELL); Institut Català d'Oncologia (ICO)	2016344427	The Climate Corporation
2016232693	Duke University; University of Maryland, College Park	2016349105	VKR Holding A/S
2016242905	Janssen Biotech, Inc.	2016351357	Area-I Inc.
2016244039	ADA Foundation	2016355039	Tyber Medical LLC
2016244186	Shanghai Aodian Hardware & Mechanism Co., Ltd	2016355404	Karsten Manufacturing Corporation
2016244225	J.C. Bamford Excavators Limited	2016361441	ConverGene LLC; The United States of America, as represented by The Secretary, Department of Health and Human Services
2016246820	HudsonAlpha Institute for Biotechnology	2016362502	Aqua Metals Inc.
2016247049	TYCO ELECTRONICS UK LTD; Tyco Electronics Simel SAS	2016363926	Raepak Limited
2016250434	TUFF TRAILERS (QLD) PTY. LTD	2016364743	University of Pittsburgh - Of the Commonwealth System of Higher Education
2016252038	eFFECTOR Therapeutics, Inc.	2016365301	Nexttracker Inc.
2016252887	Baker Heart and Diabetes Institute; Washington State University	2016366546	Janssen Pharmaceutica NV
2016256579	enGenes Biotech GmbH	2016368363	Giesecke+Devrient Currency Technology GmbH
2016257334	Affimed GmbH	2016370603	Trichord Ltd.
2016257765	Juvo Solutions Pty Ltd	2016372691	Caffitaly System S.p.A.
2016258865	Richter, B.	2016375040	Viking Genetics FMBA
2016259389	Caterpillar Inc.	2016376655	INFICON GmbH
2016261503	TAE Technologies, Inc.	2016378400	The Regents of the University of California
2016261913	Celgene Corporation; Acceleron Pharma Inc.	2016378603	Piech, G.
2016262127	Pointerra Technologies Pty Ltd	2016380150	Fabrictech 2000, LLC dba Purecare
2016262764	Oscillation Pty Ltd	2016381526	Netafim Ltd
2016263119	Regents of the University of Minnesota; Regenxbio	2016386032	Ventana Medical Systems, Inc.; F. Hoffmann-La Roche AG
2016267389	Linfox Armaguard Pty Ltd	2016389160	Becton Dickinson Rowa Germany GmbH
2016267565	Rolic AG	2016391619	Dura Tap LLC
2016268153	Vistagen Therapeutics, Inc.		

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2016414485	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017302541	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2016414700	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017306528	3DEO, Inc.
2016416149	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2017308954	Yoshino Gypsum Co., Ltd.
2016416450	Prysmian S.p.A.	2017310526	Nanjing Gator Meditech Company, Ltd.; Iwanowicz, E.
2016416838	Draka Comteq France	2017312220	Nachurs Alpine Solutions
2017200420	Stratco (Australia) Pty Limited	2017312970	Merck Patent GmbH
2017201453	Alstom Transport Technologies	2017326299	BASF Agro B.V.
2017202965	General Electric Company	2017326464	Skinner, R.; Skinner, H.B.
2017203874	Seminis Vegetable Seeds, Inc.	2017332749	Becton, Dickinson And Company
2017203908	Seminis Vegetable Seeds, Inc.	2017332754	Lightforce USA, Inc., d/b/a/ Nightforce Optics, Inc.
2017204220	Covidien LP	2017335405	Novartis AG
2017205128	The University of Durham	2017339557	Frito-Lay Trading Company GmbH
2017205327	Hanwha Azdel, Inc.	2017341386	BASF SE
2017206019	Boston Scientific Scimed, Inc.	2017344057	Raytheon Company
2017206444	Specialbandager.dk A/S	2017353310	Janssen Pharmaceutica NV
2017217249	Pioneer Maritime Pty Ltd	2017363882	Fasetto, Inc.
2017220554	Backbone	2017381271	Aqdot Limited
2017223169	Greenfly, Inc.	2017401930	National Research Council of Canada
2017224110	ActivOrtho, Inc.	2017420954	Kawasaki Jukogyo Kabushiki Kaisha
2017226828	Novomatic AG	2017425543	Zhang, D.
2017226923	Sandvik Intellectual Property AB	2017425705	Dow Global Technologies LLC; Rohm and Haas Company
2017227529	FMC Corporation	2017428472	Huawei Technologies Co., Ltd.
2017229105	BioCryst Pharmaceuticals, Inc.	2017435304	Wacker Chemie AG
2017231808	Peerbridge Health, Inc.	2017445584	Argona Pharmaceuticals Limited; Guangzhou RiboBio Co., Ltd.
2017236583	Maione S.r.l.	2018203946	Adobe Inc.
2017237887	NTT DoCoMo, Inc.	2018208543	Vogelsang GmbH & Co. KG
2017239010	Tessenderlo Group NV	2018211735	Astellas Pharma Inc.
2017239643	ConvaTec Technologies Inc.; Synovo GmbH; Qualizyme Diagnostics GmbH and Co KG	2018226402	Adobe Inc.
2017240154	Sony Corporation; Sony Corporation of America	2018232791	Baek, J.
2017240685	Vertex Pharmaceuticals Incorporated	2018233050	Adobe Inc.
2017241891	CorMedix Inc.	2018233367	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2017242123	Chr. Hansen A/S	2018235031	MedImmune Limited
2017245625	Cryovac, LLC	2018236989	Asahi Kasei Kabushiki Kaisha
2017246175	Ethicon, Inc.	2018238571	Xenoptics IP Holdings Pty Ltd.
2017248021	Janssen Vaccines & Prevention B.V.	2018239238	Temptime Corporation
2017248277	The Regents of the University of California	2018239753	LG Electronics Inc.
2017250214	Ohio State Innovation Foundation	2018241963	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017250617	Johnson Controls Fire Protection LP	2018242882	Morinaga Milk Industry Co., Ltd.
2017253625	Vivoryon Therapeutics AG	2018243738	Verb Surgical Inc.
2017253951	Inspiring Pty Ltd	2018246551	Nippon Steel Corporation
2017258368	Välinge Innovation AB	2018249789	Korea Food Research Institute
2017258829	Chuan Jiing Enterprise Co., Ltd	2018252099	Sunshine Lake Pharma Co., Ltd.
2017264752	Interdigital Patent Holdings, Inc.	2018260588	Honeywell International Inc.
2017264912	Johnson Controls Fire Protection LP	2018264115	Factor Bioscience Inc.
2017268273	Wi-Tronix, LLC	2018267059	Ventana Medical Systems, Inc.
2017269163	Microsoft Technology Licensing, LLC	2018267687	Oregon Health & Science University
2017269526	Beijing VDJBio Co., Ltd.	2018268985	International Flora Technologies, Ltd.
2017274520	E. I. Du Pont De Nemours and Company	2018269399	MSA Technology, LLC
2017275464	Microsoft Technology Licensing, LLC	2018273197	Greeneden U.S. Holdings II, LLC
2017277787	Becton, Dickinson and Company	2018280035	Rite-Hite Holding Corporation
2017278013	Venator Materials UK Limited	2018281248	Lee, J.
2017281057	Arevo AB	2018289403	Nextivity, Inc.
2017282651	Orion Ophthalmology LLC	2018298098	Qingdao Haier Joint Stock Co., Ltd
2017282653	Orion Ophthalmology LLC	2018298758	Intopix
2017283488	University of Washington	2018298838	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017284000	United States Gypsum Company	2018300717	Tyco Electronics Raychem GmbH
2017286803	CleverNet Inc.	2018303109	HK INNO.N CORPORATION
2017287229	FG Innovation Company Limited; Sharp Kabushiki Kaisha	2018310988	Coe, W.
2017288952	Société des Produits Nestlé S.A.	2018311307	Small Pharma Ltd
2017289267	Galaxy, Inc.	2018313622	Telefonaktiebolaget LM Ericsson (publ)
2017289298	Peleman Industries, Naamloze Vennootschap	2018314163	Blue Spark Technologies, Inc.
2017289974	Universite de Montreal; Bristol-Myers Squibb Company	2018315813	Japan Cash Machine Co., Ltd.
2017293323	Plano Pte. Ltd.	2018318938	Hendrickson USA, L.L.C.
2017293428	Golden Renewable Energy, LLC	2018321556	Decibullz LLC
2017294753	Qualcomm Incorporated		

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2018324028	The Fynder Group, Inc.	2019210781	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
2018326229	Koninklijke Douwe Egberts B.V.	2019212433	ABB Power Grids Switzerland AG
2018326356	Gates Corporation, a Delaware Corporation	2019212443	Granić, M.
2018327612	Metso Denmark A/S	2019213020	Wieth, F.; Filosi, A.
2018332696	Huawei Technologies Co., Ltd.	2019213710	3M Innovative Properties Company
2018335559	3M Innovative Properties Company	2019216692	Ulab Systems, Inc.
2018336482	Immunwork Inc.	2019218524	ZTE Corporation
2018336728	Ball Corporation	2019222847	Apple Inc.
2018341708	Citrix Systems, Inc.	2019222932	Delta T, LLC
2018342100	Ecolab USA Inc.	2019224011	Regents of the University of Minnesota; Boston Scientific Scimed, Inc.
2018344329	De La Rue International Limited; Melzer Maschinenbau GmbH	2019226184	Omeros Corporation
2018347080	Hangzhou Robam Appliances Co., Ltd.	2019226227	Shire Human Genetic Therapies, Inc.
2018348150	W. L. Gore & Associates, Inc.	2019226979	Mitsubishi Electric Corporation
2018354025	Citrix Systems, Inc.	2019229276	Alfa Laval Corporate AB
2018354162	Cardiac Pacemakers, Inc.	2019231787	Ecolab USA Inc.
2018355420	Consolidated Metco, Inc.	2019232795	Stratatech Corporation
2018355632	Benning CMS Technology GmbH	2019236748	SunCoke Technology and Development LLC
2018357311	Shanghai Liangxin Electrical Co., Ltd	2019239820	K. Hartwall Oy Ab
2018360341	Uber Technologies, Inc.	2019240153	Baker Hughes Holdings LLC
2018360932	China Construction Steel Structure Corp. Ltd.	2019240547	S-Biomedics
2018362263	Edgemont Pharmaceuticals, LLC Trust	2019240702	FISHER & PAYKEL HEALTHCARE LIMITED
2018362632	Biocompatibles UK Limited	2019241339	I-Mab Biopharma US Limited
2018364032	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2019241412	Top Cap Holding GmbH
2018364743	Boston Scientific Neuromodulation Corporation	2019245679	Unilever PLC
2018366785	Huawei Technologies Co., Ltd.	2019246812	Intervet International B.V.
2018368407	Hai Robotics Co., Ltd.	2019246824	Les Laboratoires Servier SAS
2018371628	Lin, C.; Lane, H.; Excelsior Pharmatech Labs	2019246903	MasterCard International Incorporated
2018372678	Aqua-Aerobic Systems, Inc.	2019248525	Advanced New Technologies Co., Ltd.
2018383691	P&H Casters Co., Inc.	2019249628	Hong Kong Baptist University
2018385659	ArcelorMittal	2019250260	Empi, Inc.
2018385820	HK Inno.N Corporation	2019253882	Tata Consultancy Services Limited
2018386614	Huawei Technologies Co., Ltd.	2019254588	Rittal GmbH & Co. KG
2018387822	Creatrix AG	2019254979	Hitgen Inc.
2018390483	Nicoventures Trading Limited	2019257372	Cianna Medical, Inc.
2018391723	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	2019257458	DePuy Synthes Products, Inc.
2018392807	Wing Aviation LLC	2019257481	Evogene Ltd.
2018393125	Hangzhou Nanochap Electronics Co., Ltd.	2019257482	Ruijin Hospital, Shanghai Jiao Tong University School of Medicine; SHANGHAI JIAO DA ONLLY CO., LTD.; SHANGHAI NOVANAT CO., LTD.
2018393427	Great Wall Motor Company Limited	2019257529	Cerebrotech Medical Systems, Inc.
2018396288	Jiangsu Goldwind Science & Technology Co., Ltd.	2019261755	NELSON IRRIGATION CORPORATION
2018400811	American Sterilizer Company	2019264204	Siemens Mobility GmbH
2018403187	Safekick Americas LLC	2019264573	Takeda Pharmaceutical Company Limited
2018405004	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.; Haier US Appliance Solutions, Inc.	2019264614	Doka GmbH
2018409912	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019264645	Amgen Inc.
2018412677	Mitsubishi Electric Corporation	2019268147	Gates Corporation
2018417306	Nanjing Institute of Technology	2019268210	Electric Cable Duct Systems Pty. Ltd.
2018431021	Gates Corporation	2019273977	Japan Cash Machine Co., Ltd.
2018454201	Synergia Medical	2019279951	Turning Point Therapeutics, Inc.
2019200269	Adobe Inc.	2019282158	Illumina, Inc.; University of Washington
2019200730	Inguran, LLC	2019282505	Mizkan Holdings Co., Ltd.
2019200951	Adobe Inc.	2019283786	CommScope Technologies LLC
2019201419	Clinical Genomics Pty. Ltd.	2019283890	Cambricon Technologies Corporation Limited
2019201453	Abbott Diabetes Care Inc.	2019283972	LG Electronics Inc.
2019201531	Adobe Inc.	2019284011	Cambricon Technologies Corporation Limited
2019201785	Adobe Inc.	2019284016	Vibrant Holdings, LLC
2019203511	AdAlta Limited	2019297150	Guardian Glass, LLC
2019203664	The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation	2019304113	Arkema France; Institut de Soudure
2019203901	Ocado Innovation Limited	2019311143	Koenig & Bauer AG
2019204039	Deco Australia Pty Ltd	2019312297	Cabbacis LLC
2019204109	Iavilaer Pty Ltd	2019316538	Schulte Strathaus GmbH & Co. KG Fordertechnik Dichtungssysteme
2019204127	Acceleron Pharma Inc.	2019324733	ResMed Pty Ltd
2019204527	Genmab A/S	2019337365	Keppel Data Centres Holding Pte. Ltd.
2019206106	LG Electronics Inc.	2019351649	CP Manufacturing, Inc.
2019206107	LG Electronics Inc.	2019352591	HOWMEDICA OSTEONICS CORP.
2019207630	Adagio Medical, Inc.	2019386907	Shanghai Ginsome Pharmatech Co., Ltd.
2019210619	TrueMotion, Inc.	2019400107	China University of Mining and Technology
		2019403878	Motorola Solutions, Inc.
		2019417173	Motorola Solutions, Inc.

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2019418766	Blackmore Sensors and Analytics LLC
2019426739	Grac, Y.
2019427994	China University of Mining and Technology; Anhui University of Science and Technology; Huaihai Institute of Technology
2019443099	China University of Mining and Technology
2020200180	ESCO Group LLC
2020200415	LG Electronics Inc.
2020200500	Roquette Freres
2020200571	Illumina, Inc.
2020200766	SRC, Inc.
2020200815	Lampuga GmbH
2020200935	Otsuka Pharmaceutical Co., Ltd.
2020201001	GE Global Sourcing LLC
2020201216	Oncotherapy Science, Inc.
2020201250	Qualcomm Incorporated
2020201308	Lockdowel, Inc.,
2020201567	Mars, Incorporated
2020201579	The Regents of The University of California
2020201644	Mars, Incorporated
2020201664	Crown Equipment Corporation
2020201700	Saisei Pharma Co., Ltd.
2020201771	Microsoft Technology Licensing, LLC
2020201867	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2020201966	W.L. Gore & Associates, Inc.
2020202007	Square, Inc.
2020202112	Stratos Genomics, Inc.
2020202209	LG Electronics Inc.
2020202212	Institute for Advanced Engineering
2020202506	Hickson, S.
2020202585	Apple Inc.
2020202678	Ab Initio Technology LLC
2020202839	Proteobioactives Pty Limited
2020202989	Slingshot Technology Corporation Limited
2020203021	Eagle Technology, LLC
2020203351	Alarm.Com Incorporated
2020203511	Heraeus Medical GmbH
2020203890	Dexcom, Inc.
2020204068	Burton, M.
2020204215	NEC Corporation
2020204230	Regreen Technologies, Inc.
2020204264	McLaughlin Gormley King Company
2020204424	Carnival Corporation
2020205305	Angel Group Co., Ltd.
2020217377	Google LLC
2020220051	Karsten Manufacturing Corporation
2020220124	Xi'an University of Science and Technology
2020222398	Worthington, R.
2020223713	Waymo LLC
2020233701	Glidestore Freetrack Pty Ltd
2020244471	TECHWAY INDUSTRIAL CO., LTD.
2020249779	OFIP LIMITED
2020250296	Verb Surgical Inc.
2020256331	ServiceNow, Inc.
2020256383	Apple Inc.
2020257106	Kolor Magnetic (Shenzhen) Co., Ltd.
2020257679	FIFTYFIVE CO., LTD.
2020260466	Pall Corporation
2020260496	Gongin Precision Industries Co., Ltd.
2020260514	W.L. Gore & Associates, Inc.
2020277203	Ningbo Careline Electric Appliance Co., Ltd.
2020278263	Mizkan Holdings Co., Ltd.
2020279566	Smile Fast Ltd
2020280985	Gardner, G.
2020281042	Makrite Industries Inc.
2020286164	Omnicell, Inc.
2020289798	Ishida Co., Ltd.
2020327866	Laing, M.
2020372601	Patrick Charles Pty Ltd
2020389482	8me Nova, LLC
2021201211	Britax Römer Kindersicherheit GmbH

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<u>A01G 18 /-</u>	<u>A23G 3 /-</u>	<u>A41D 13 /-</u>	2020200415	2019216692	2018311307
2018324028	2020278263	2020281042	<u>A47L 9 /-</u>	<u>A61C 9 /-</u>	2018362263
<u>A01G 25 /-</u>	<u>A23J 3 /-</u>	<u>A42B 3 /-</u>	2016203541	2019216692	2018371628
2016381526	2018324028	2018335559	2020200415	<u>A61D 19 /-</u>	2018385820
<u>A01H 4 /-</u>	<u>A23K 10 /-</u>	<u>A44B 11 /-</u>	<u>A61B 1 /-</u>	2016375040	2019226227
2017203874	2018249789	2020281042	2020280985	<u>A61F 13 /-</u>	2019246824
2017203908	<u>A23K 20 /-</u>	<u>A44C 21 /-</u>	<u>A61B 17 /-</u>	2015380472	2019254979
<u>A01H 5 /-</u>	2020201567	2020205305	2016355039	2017239643	2019279951
2016344427	<u>A23K 40 /-</u>	<u>A47B 53 /-</u>	2016391619	<u>A61F 2 /-</u>	2020200500
2017203874	2020201567	2020233701	2017204220	2016355039	2020201216
2017203908	2020201644	<u>A47F 1 /-</u>	2017220554	2018348150	2020202839
2019257481	<u>A23K 50 /-</u>	2020257106	2017224110	2019232795	<u>A61K 35 /-</u>
<u>A01K 67 /-</u>	2020201567	<u>A47F 3 /-</u>	<u>A61B 18 /-</u>	<u>A61F 7 /-</u>	2017248021
2019200730	2020201644	2016333736	2017289267	2016364743	2018242882
<u>A01N 1 /-</u>	<u>A23L 23 /-</u>	<u>A47F 5 /-</u>	2018354162	<u>A61F 9 /-</u>	2018249789
2016375040	2017288952	2016333736	2018362632	2018335559	2019240547
2019200730	<u>A23L 27 /-</u>	2016333736	2019207630	<u>A61G 5 /-</u>	2019257482
<u>A01N 25 /-</u>	<u>A23L 29 /-</u>	2020201308	<u>A61B 34 /-</u>	<u>A61J 3 /-</u>	2020201700
2018342100	2017339557	<u>A47G 9 /-</u>	2017206019	2016337502	<u>A61K 36 /-</u>
<u>A01N 37 /-</u>	2018249789	2016380150	2018243738	<u>A61J 7 /-</u>	2015351930
2017227529	2019282505	<u>A47J 27 /-</u>	2020250296	2015400730	<u>A61K 38 /-</u>
2018342100	<u>A23L 31 /-</u>	2020277203	<u>A61B 5 /-</u>	2016337502	2016217800
<u>A01N 41 /-</u>	2018324028	<u>A47J 31 /-</u>	2016332207	2016389160	2016242905
<u>A01N 63 /-</u>	<u>A23L 33 /-</u>	2016316786	2017206444	<u>A61K 31 /-</u>	2016261913
2016252887	2017288952	2016316787	2018232791	2015351930	2016263119
<u>A01N 65 /-</u>	2018242882	2016372691	2018314163	2015398613	2018264115
2020204264	2018249789	2018326229	2018454201	2015411525	2019204127
<u>A01P 1 /-</u>	2018324028	2018387822	2019224011	2016337502	2020201216
2018342100	2019257482	2020202989	2019257372	2016389160	<u>A61K 39 /-</u>
<u>A01P 17 /-</u>	2019282505	<u>A47J 42 /-</u>	2020200935	<u>A61K 41 /-</u>	2014409558
2017227529	2020278263	2018387822	2020203890	2017269526	2015332002
<u>A23C 17 /-</u>	<u>A23L 5 /-</u>	<u>A47K 11 /-</u>	<u>A61B 50 /-</u>	2018235031	2015334389
2017242123	2017339557	2016257765	2017246175	2018267687	2016232693
<u>A23C 19 /-</u>	<u>A23L 7 /-</u>	<u>A47K 3 /-</u>	<u>A61B 90 /-</u>	2018336482	2016252038
2017242123	2017339557	2015355644	2018400811	2019203511	2016257334
<u>A23C 9 /-</u>	<u>A23P 10 /-</u>	2015413862	<u>A61C 13 /-</u>	2019203664	2017248021
2017242123	2017288952	<u>A47K 5 /-</u>	2016361441	2017269526	2018235031
<u>A24F 47 /-</u>	<u>A24F 47 /-</u>	<u>A47L 5 /-</u>	2016366546	2018267687	2018336482
2018390483	2018390483	2016203541	2017240685	2019203511	2019203664
2019312297	2019312297		2017248277	2019204527	2019204527
			<u>A61C 3 /-</u>	2019226184	2019241339
			2019216692	2019264573	2020201216
			2020279566	<u>A61K 41 /-</u>	
			<u>A61C 5 /-</u>	2019249628	
			2016321226	<u>A61K 45 /-</u>	
				2016252038	
				2019386907	
				<u>A61K 47 /-</u>	
				2016209295	
				2016281685	
				2018336482	

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2019246812	<u>A61M 37 /-</u>	2017335405		<u>B25C 1 /-</u>
2019386907		2020201700	<u>A63B 24 /-</u>	
2020202839	2020203511			2017204220
<u>A61K 48 /-</u>	<u>A61M 39 /-</u>	<u>A61P 35 /-</u>	2020256383	<u>B25C 5 /-</u>
2015339447	2017241891	2015334389	<u>A63B 53 /-</u>	<u>B01J 29 /-</u>
2016209295		2015398613	2020220051	2019210781
2016252887	<u>A61M 5 /-</u>	2015411525		
2017445584		2016252038	<u>A63B 57 /-</u>	<u>B01J 41 /-</u>
2018264115	2016344179	2016270782	2020257679	2015402230
2020201216	2017277787	2016361441		
	2020201966	2016366546	<u>A63F 5 /-</u>	<u>B01J 8 /-</u>
<u>A61K 49 /-</u>	2020260514	2017253625		
2018232791	<u>A61N 1 /-</u>	2017310526	2017226828	2017250214
		2018264115		2017308954
<u>A61K 6 /-</u>	2017231808	2019203664	<u>B01D 21 /-</u>	
	2018354162	2019241339		<u>B01L 3 /-</u>
2016244039	2018364743	2019249628	2016262764	2016341421
	2018393125	2019254979	<u>B01D 29 /-</u>	2016375040
<u>A61K 8 /-</u>	2018454201	2019264573		
	2019250260	2019386907	2018372678	<u>B02C 18 /-</u>
2016328256	<u>A61N 5 /-</u>	2020201216	<u>B01D 33 /-</u>	
2018342100		2020201700		2018327612
2019245679	2017241891	<u>A61P 37 /-</u>	2016262764	<u>B03D 1 /-</u>
2019386907	2019249628		<u>B01D 35 /-</u>	
<u>A61K 9 /-</u>	<u>A61P 1 /-</u>	2016210996	2020202209	<u>B04B 13 /-</u>
		2016252038	<u>B01D 39 /-</u>	
2016209295	2016210996	2018211735		2019229276
2017239643	2018242882	<u>A61P 39 /-</u>	2018372678	<u>B04B 3 /-</u>
2018362263	2019226227	2016268975	<u>B01D 46 /-</u>	
2019246812	<u>A61P 11 /-</u>	<u>A61P 43 /-</u>		2016262764
2019386907			<u>B01D 53 /-</u>	
<u>A61L 15 /-</u>	2017240685	2016209295	2015292149	<u>B04B 9 /-</u>
	<u>A61P 13 /-</u>	<u>A61P 7 /-</u>		
2015380472		2016261913	<u>B01D 61 /-</u>	2019229276
2017239643	2015334389	2019204127		2019261755
<u>A61L 2 /-</u>	2016268975	<u>A61P 9 /-</u>	2016317119	<u>B05B 3 /-</u>
	2018211735		2018236989	
2017241891	<u>A61P 19 /-</u>	2017289974		2019261755
2018342100		2017445584	<u>B01D 65 /-</u>	
<u>A61L 29 /-</u>	2016361441	2018252099		2019351649
	2020202839	2019203511	<u>B01D 69 /-</u>	
2017332749	<u>A61P 25 /-</u>	2020200500		2015358427
<u>A61M 15 /-</u>		<u>A61Q 15 /-</u>	2018236989	<u>B07B 1 /-</u>
	2016268153			
2017253951	2016361441	2019245679	<u>B01D 71 /-</u>	
2019240702	2017353310	<u>A61Q 19 /-</u>		
<u>A61M 16 /-</u>	2018235031		<u>B01F 15 /-</u>	
	2018264115	2019386907		
2019240702	2018311307	<u>A62B 23 /-</u>	2017284000	<u>B21D 51 /-</u>
2019324733	2018371628		2020260466	
2020280985	2020200500	2020281042	<u>B01F 17 /-</u>	
<u>A61M 19 /-</u>	<u>A61P 29 /-</u>	<u>A62B 7 /-</u>		2016297700
			2017284000	<u>B23K 20 /-</u>
2016364743	2020202839	2019240702	<u>B01F 3 /-</u>	
<u>A61M 25 /-</u>	<u>A61P 3 /-</u>	<u>A62B 9 /-</u>		2016204153
			2017284000	<u>B25B 21 /-</u>
2017241891	2017445584	2019240702	2020372601	
2019207630	2019257482	<u>A62C 3 /-</u>	<u>B01F 5 /-</u>	
2020280985	<u>A61P 31 /-</u>			2020244471
<u>A61M 31 /-</u>		2017250617		
	2016232693			2018300717
2019201453	2016252038			
	2016361441			

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B29C 64 /-	2017205327	B60B 29 /-	B62B 5 /-	B65B 1 /-	B66B 7 /-
2017306528	B32B 7 /-	2020327866	2018383691	2020289798	2019400107
B29C 65 /-	2017258368	B60B 3 /-	B62J 99 /-	B65B 5 /-	B66F 9 /-
2018300717	B33Y 10 /-	2018355420	2020202506	2016389160	2020201867
2019241412	2017306528	B60B 30 /-	B62K 11 /-	B65B 51 /-	B67D 1 /-
2019304113	B33Y 30 /-	2020327866	2020327866	2020289798	2020202209
B29C 70 /-	2017306528	B60B 33 /-	B62K 25 /-	B65B 57 /-	B67D 7 /-
2016201827	B33Y 40 /-	2018383691	2020202506	2016389160	2015413862
2019304113	2017306528	B60C 7 /-	B63B 1 /-	B65B 9 /-	C01B 25 /-
B29D 11 /-	B41F 11 /-	2016355404	2015409316	2020289798	2016397288
2016293295	2019311143	B60G 7 /-	B63B 17 /-	B65D 17 /-	C01B 3 /-
B29D 22 /-	B41F 16 /-	2018318938	2017236583	2016378603	2017250214
2016258865	2016370603	B60G 9 /-	2019337365	2019241412	2020202212
B29K 101 /-	2019311143	2018318938	B63B 27 /-	B65D 47 /-	C01D 5 /-
2019304113	B41F 19 /-	2018318938	2017217249	2015413862	2017239010
B29K 105 /-	2019311143	B60L 15 /-	B63B 32 /-	2016363926	C01G 21 /-
2019304113	B41J 2 /-	2019264204	2015409316	B65D 65 /-	2016275302
B29K 705 /-	2018336728	B60L 53 /-	B63B 34 /-	2017245625	C01G 23 /-
2019241412	B41J 3 /-	2017201453	2017236583	B65D 83 /-	2017278013
B29L 22 /-	2018336728	B60L 7 /-	B63B 35 /-	2015400730	C02F 1 /-
2016258865	B41M 5 /-	2019264204	2016328170	2019245679	2016262764
B29L 31 /-	2016370603	B60L 9 /-	2018360932	B65G 1 /-	2016317119
2016258865	B42C 5 /-	2019264204	2019337365	2018368407	2018385659
2019241412	2017289298	B60N 2 /-	2020200815	2019203901	C02F 101 /-
2019304113	B42D 13 /-	2021201211	B63B 39 /-	B65G 43 /-	2018385659
B29L 7 /-	2018344329	B60P 1 /-	2015409316	2019427994	C02F 103 /-
2019304113	B42D 25 /-	2016250434	B63G 8 /-	B65G 45 /-	2016317119
B29L 9 /-	2016267565	B60P 3 /-	2019337365	2019316538	2018385659
2019304113	2016276127	2016250434	B63H 11 /-	B65G 65 /-	C02F 11 /-
B30B 1 /-	2016293293	2020200815	2020200815	2017217249	2016262764
2019236748	2016293295	B60R 11 /-	B63H 20 /-	B65G 67 /-	C02F 7 /-
B32B 21 /-	2016294553	2019213020	2020372601	2017217249	2020372601
2017258368	2016368363	B60R 21 /-	B63H 21 /-	B65G 69 /-	C04B 103 /-
B32B 27 /-	2018344329	2021201211	2020200815	2018280035	2017284000
2017258368	B44C 5 /-	B60T 3 /-	B64C 3 /-	B65H 5 /-	C04B 11 /-
2017245625	2017258368	2018280035	2016351357	2018315813	2017308954
B32B 3 /-	B60B 19 /-	B61L 25 /-	B64C 39 /-	B65H 9 /-	C04B 24 /-
2017205327	2016355404	2017420954	2018392807	2018315813	2017284000
B32B 37 /-	B60B 25 /-	B62B 3 /-	B64D 1 /-	B66B 15 /-	C04B 28 /-
2017258368	2016355404	2019239820	2018392807	2019400107	2017284000
B32B 5 /-	B60B 27 /-				
2016201827	2018355420				

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<u>C04B 38 /-</u>		2017353310	2017425705	<u>C10B 39 /-</u>	2016246820
2017284000	<u>C07D 251 /-</u>	2017381271	<u>C08F 212 /-</u>	2019236748	2016278226
	2019246824	2018233367			2018264115
<u>C05B 7 /-</u>		2019279951	2017425705	<u>C10B 45 /-</u>	2020201216
	<u>C07D 257 /-</u>	<u>C07D 493 /-</u>	<u>C08F 230 /-</u>	2019236748	<u>C12N 7 /-</u>
2016397288	2017289974	2017326299	2017425705	<u>C10B 47 /-</u>	2016263119
<u>C05C 11 /-</u>	<u>C07D 303 /-</u>	<u>C07D 495 /-</u>	<u>C08F 293 /-</u>	2019236748	<u>C12N 9 /-</u>
2017281057	2017301100	2016366546	2016209295	<u>C10G 1 /-</u>	2015255013
<u>C05F 11 /-</u>	<u>C07D 307 /-</u>	<u>C07D 498 /-</u>	<u>C08G 59 /-</u>	2017293428	2016217800
2017312220	2017274520	2017289974	2017301100	<u>C10G 5 /-</u>	2016278226
<u>C07C 215 /-</u>	<u>C07D 317 /-</u>	2019254979			2017242123
2017240154	2017253625	<u>C07D 519 /-</u>	<u>C08G 61 /-</u>	2016296356	2018264115
<u>C07C 237 /-</u>	<u>C07D 319 /-</u>	2017312970	2016244039	<u>C10J 3 /-</u>	<u>C12P 21 /-</u>
2016281685	2017253625	2017335405	<u>C08G 77 /-</u>	2017250214	2016256579
<u>C07C 255 /-</u>	<u>C07D 321 /-</u>	2017353310	2017435304	<u>C10L 3 /-</u>	<u>C12P 7 /-</u>
2017253625	2017248277	<u>C07F 5 /-</u>	<u>C08J 5 /-</u>	2016296356	2018268985
<u>C07C 259 /-</u>	<u>C07D 401 /-</u>	2019249628	2017301100	2020202212	<u>C12Q 1 /-</u>
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<u>C07C 59 /-</u>	2016361441	2017240154	<u>C08K 3 /-</u>	2019231787	2015276899
2017401930	2017240685	<u>C07H 19 /-</u>	2017205327	<u>C11D 3 /-</u>	2015279644
<u>C07C 67 /-</u>	2017282651	2020202112	2018310988	2019231787	2016246820
2017341386	2017282653	<u>C07H 21 /-</u>	<u>C08K 7 /-</u>	<u>C12N 1 /-</u>	2016269332
	2017289974	2015264357	2017301100	2015292149	2016386032
<u>C07C 69 /-</u>	<u>C07D 403 /-</u>	<u>C07K 14 /-</u>	<u>C08K 9 /-</u>	2016278226	2018264115
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	2018211735	2017248021	<u>C08L 21 /-</u>	2018242882	2020200571
<u>C07D 201 /-</u>	<u>C07D 405 /-</u>	2018267687	2018310988	2018249789	2020201216
2018311307	2017248277	2019257481	<u>C08L 83 /-</u>	2018268985	<u>C21D 9 /-</u>
<u>C07D 207 /-</u>	2017282651	2019264645		2019257482	
	2017289974	<u>C07K 16 /-</u>	2014409558	2019282158	2018246551
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2018211735	2017282651	2015342961	<u>C08L 95 /-</u>	2014409558	2016278226
<u>C07D 211 /-</u>	<u>C07D 413 /-</u>	2016210996	2018310988	2015255013	2017242123
2018385820		2016257334	<u>C09B 11 /-</u>	2015280069	2018242882
<u>C07D 213 /-</u>	2016361441	2017269526	2016288252	2015334389	2018249789
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	<u>C07D 417 /-</u>	2019203511	2018267059	2015342264	2019257482
<u>C07D 231 /-</u>	2017289974	2019204527	<u>C09B 69 /-</u>	2015344992	<u>C21D 9 /-</u>
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<u>C07D 233 /-</u>	2016361441	2020201216	2016288252	2016246820	2015402230
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	2017289974	2016278226	2017240154	2016256579	<u>C22B 3 /-</u>
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<u>C25B 1 /-</u>	<u>E04B 7 /-</u>	<u>E21B 21 /-</u>	<u>F04D 25 /-</u>	<u>F16K 47 /-</u>	2016259389 2018360341
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2016319403	2019204109	2019240153	2019222932	2019213020	<u>G01F 11 /-</u>
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<u>E04B 2 /-</u>	2015404937 2019297150	<u>F04C 15 /-</u>	<u>F16K 3 /-</u>	<u>F28D 7 /-</u>	
2019204109	<u>E21B 10 /-</u>	2018208543	2020249779	2018326229	
<u>E04B 5 /-</u>	<u>E21B 17 /-</u>	<u>F04C 2 /-</u>	<u>F16K 31 /-</u>	<u>G01B 11 /-</u>	
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<u>H04L 29 /-</u>	<u>H04W 36 /-</u>	
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<u>H04R 1 /-</u>	<u>H04W 76 /-</u>	
2018298838 2018321556	2017428472	

Certified Innovation Patents**Name Index**

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

(71) THOMAS, A.
(11) AU-B-2021100357
(21) 2021100357 (22) 20.01.2021
(54) PROTECTO ANTIMICROBIAL MOL-
DED PALSTIC PRAM-STROLLER-
BASSINET HANDLE
(51) Int. Cl.
B62B 9/20 (2006.01)
C08K 3/105 (2018.01)
C09D 5/14 (2006.01)
(45) 12.08.2021
(72) THOMAS, ALAN JOHN
(74) ALAN JOHN THOMAS

(71) Xiamen Water Nymph Sanitary Techno-
logy Co., Ltd; ZHOU, H.
(11) AU-B-2021100032
(21) 2021100032 (22) 05.01.2021
(54) Water Outlet Device and Shower
(51) Int. Cl.
E03C 1/086 (2006.01)
B05B 1/18 (2006.01)
E03C 1/04 (2006.01)
E03C 1/084 (2006.01)
(31) 202020017196.6 (32) 06.01.20 (33) CN
(45) 12.08.2021
(72) Zhou, Huaqiang
(74) Michael Buck IP

ZHOU, H. see Xiamen Water Nymph Sanit-
ary Technology Co., Ltd
(21) 2021100032

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- 2021100032** Xiamen Water Nymph Sanitary Technology Co., Ltd;
ZHOU, H.
2021100357 THOMAS, A.

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2016433968 Jeong, H. (FlowBee Australia Pty Ltd)

Patents Granted

Standard Patents

2015207665	2015246132	2015259571	2015261380
2015269184	2015286462	2015286569	2015289617
2015309197	2015317193	2015327812	2015332212
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2021103525	2021103528	2021103529	2021103531
2021103532	2021103536	2021103541	2021103543
2021103547	2021103550	2021103561	2021103562
2021103565	2021103566	2021103568	2021103570
2021103572	2021103579	2021103580	2021103581
2021103586	2021103588	2021103589	2021103592
2021103593	2021103594	2021103596	2021103597
2021103600	2021103602	2021103603	2021103604
2021103605	2021103609	2021103614	2021103616
2021103617	2021103620	2021103622	2021103623

Assignments Registered

2003230069 GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
The patent has been assigned to **Molecular Devices, LLC**

2004209027 Nova Chemicals Inc. The patent has been assigned to **BVPV Styrenics LLC**

2007276621 Antibe Holdings Inc. The patent has been assigned to **Antibe Therapeutics Inc.**

2008278976 Zionexa The patent has been assigned to **Zionexa**

2008356247 Implant Sciences Corporation The patent has been assigned to **Leidos Security Detection & Automation, Inc**

2011218700 OBERTHUR FIDUCIAIRE SAS The patent has been assigned to **Oberthur Fiduciaire SAS**

2011224383 Biotectix, LLC The patent has been assigned to **Her-aeus Medical Components LLC**

2011343276 Oberthur Fiduciaire SAS The patent has been assigned to **Oberthur Fiduciaire SAS**

2013254326 Universite d'Auvergne Clermont 1; Institut National de la Sante et de la Recherche Medicale; Laboratoires Cyclopharma
The patent has been assigned to **Institut National de la Sante et de la Recherche Medicale; Universite d'Auvergne Clermont 1; Zionexa**

2013357287 Oberthur Fiduciaire SAS The patent has been assigned to **Oberthur Fiduciaire SAS**

2013357384 Oberthur Fiduciaire SAS The patent has been assigned to **Oberthur Fiduciaire SAS**

2017206266 R&V Developments Pty Ltd The patent has been assigned to **RODVIC PTY LTD**

2018229558 SHIRE VIROPHARMA LLC The patent has been assigned to **ViroPharma Biologics LLC**

Assignments Registered

2019100945 SHOWER MANIFESTATIONS PTY LTD The patent has been assigned to **SAINT INVESTMENT MANAGEMENT PTY LTD**

2019101713 Copper Trading Pty Ltd The patent has been assigned to **Copper Group IP Pty Ltd**

2019101800 Copper Trading Pty Ltd The patent has been assigned to **Copper Group IP Pty Ltd**

Licences Registered - Section 187, Reg. 19

(The name in the parentheses is that of the licensee)

2011303420 Impetis Biosciences Ltd. (Tarus Therapeutics, Inc.)

2011306358 Impetis Biosciences Ltd. (Tarus Therapeutics, Inc.)

Mortgages Registered - Section 187, Reg. 19

(The name in the parentheses is that of the mortgagee)

2015353821 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2016260324 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2016266753 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2016267668 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2016268394 Weatherford Netherlands, B.V. (BTA Institutional Services Australia Limited)

2016278165 Weatherford U.K. Limited (BTA Institutional Services Australia Limited)

2016294427 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2017301475 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2017334854 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018202882 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018236804 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018256473 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018256644 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018264145 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018267575 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2019201431 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2019202776 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

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.

2004277466 **Kyowa Kirin Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2021

For the goods POTELIGEO mogamulizumab

2009210545 **GENENTECH, INC.**

The earliest first regulatory approval date provided by the patentee 06 Jul 2021

For the goods PHESGO SC pertuzumab (rch) 1200mg and trastuzumab (rch) 600mg in 15mL solution for injection, vials and pertuzumab (rch) 600 mg and trastuzumab (rch) 600mg in 10mL solution for injection, vials

Corrigenda

In Vol 35 , No 15 , Page(s) 3420 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Kellogg Company, Application No. 2019357611, under INID (72) correct the co-inventor to CLARK, Angela Kay

In Vol 35 , No 31 , Page(s) 6260 under the heading **Amendments - Application for Amendments** Under the name Kevin Dormer, Application No. 2019275519 correct the date of the statements filed to read 19 March 2021; 28 June 2021

Specifications Republished

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

2015315005	Genentech, Inc.
2016341492	Enesi Pharma Limited
2018389235	Oxford Nanopore Technologies Ltd.; Sharp Life Science (EU) Ltd
2019204819	4D Pharma PLC